

- Dongho-Nguimdo, GM, Igumbor, E, Zambou, S & Joubert, DP 2019, 'First principles prediction of the solar cell efficiency of chalcopyrite materials  $\text{AgMX}_2$  (M=In, Al; X=S, Se, Te)', *Computational Condensed Matter*, vol. 21, e00391. <https://doi.org/10.1016/j.cocom.2019.e00391>
- Allahham, MHDS, Al-Sa'd, MF, Al-Ali, A, Mohamed, A, Khattab, T & Erbad, A 2019, 'DroneRF dataset: A dataset of drones for RF-based detection, classification and identification', *Data in Brief*, vol. 26, 104313. <https://doi.org/10.1016/j.dib.2019.104313>
- Kanerva, M, Besharat, Z, Pärnänen, T, Jokinen, J, Honkanen, M, Sarlin, E, Göthelid, M & Schlenzka, D 2019, 'Automatization and stress analysis data of CoCr laser weld fatigue tests', *Data in Brief*, vol. 26, 104374. <https://doi.org/10.1016/j.dib.2019.104374>
- Ellman, A & Tiainen, T 2019, 'Diffusion of innovation: Case of co-design of cabins in mobile work machine industry', *Computers*, vol. 8, no. 2, 39. <https://doi.org/10.3390/computers8020039>
- Messo, T, Roinila, T, Aapro, A & Luhtala, R 2019, 'Accurate impedance model of grid-connected inverter for small-signal stability assessment in high-impedance grid', *IEEE JOURNAL OF INDUSTRY APPLICATIONS*, vol. 8, no. 3, 3. <https://doi.org/10.23919/IPEC.2018.8507573>
- Pajunen, S, Hautala, J & Heinisuo, M 2019, 'Modelling the stressed skin effect by using shell elements with meta-material model', *Magazine of Civil Engineering*, vol. 86, no. 2, pp. 20-29. <https://doi.org/10.18720/MCE.86.3>
- Garifullin, M 2018, 'Experimental moment resistance of rectangular hollow section T joints', *MATEC Web of Conferences*, vol. 245, 08003. <https://doi.org/10.1051/mateconf/201824508003>
- Kekonen, A, Bergelin, M & Viik, J 2018, 'Tutkimuskatsaus: Uusia menetelmiä haavan paranemisen arviointiin ja seurantaan', *HAAVA*, vol. 20, no. 3, pp. 30-32.
- Us, D, Brzezinski, K, Buitenhuis, T, Dendooven, P & Ruotsalainen, U 2018, 'Evaluation of Median Root Prior for Robust In-Beam PET Reconstruction', *IEEE Transactions on Radiation and Plasma Medical Sciences*, vol. 2, no. 5, pp. 490-498. <https://doi.org/10.1109/TRPMS.2018.2854231>
- Baczkiwicz, J, Pajunen, S & Heinisuo, M 2018, 'Effect of radiation inside square hollow section under moderate non-symmetric fire', *Fire Research*, vol. 2, no. 1, 2:42, pp. 25-30. <https://doi.org/10.4081/fire.2018.42>
- Tan, LC, Nancharaiah, YV, van Hullebusch, ED & Lens, PNL 2018, 'Effect of elevated nitrate and sulfate concentrations on selenate removal by mesophilic anaerobic granular sludge bed reactors', *Environmental Science: Water Research & Technology*, vol. 4, no. 2, pp. 303-314. <https://doi.org/10.1039/C7EW00307B>
- Palanivel, S, Zhurina, A, Doan, P, Chandraseelan, JG, Khandelwal, VKM, Zubkov, FI, Mahmudov, KT, Pombeiro, AJL, Yli-Harja, O & Kandhavelu, M 2018, 'In vitro characterization of arylhydrazones of active methylene derivatives', *Saudi Pharmaceutical Journal*, vol. 26, no. 3, pp. 430-436. <https://doi.org/10.1016/j.jsps.2017.12.018>
- Garifullin, M, Bronzova, MK, Heinisuo, M, Mela, K & Pajunen, S 2018, 'Cold-formed RHS T joints with initial geometrical imperfections', *Magazine of Civil Engineering*, vol. 80, no. 4, pp. 81-94. <https://doi.org/10.18720/MCE.80.8>
- Shao, K, Zhou, B, Wang, G & Yu, B 2018, '基于相位旋转的SCMA码本优化方法', *Xi Tong Gong Cheng Yu Dian Zi Ji Shu/Systems Engineering and Electronics*, vol. 40, no. 10, pp. 2354-2362. <https://doi.org/10.3969/j.issn.1001-506X.2018.10.29>
- Keinänen, M & Kähkönen, K 2018, 'Core Project Team As a Management Entity for Construction Projects', *In bo: Ricerche e progetti per il territorio, la città e l'architettura. Construction Management*, vol. 9, no. 13, pp. 208-217.

Kaarakka, TE, Ali-Löytty, S & Huhtanen, M 2018, 'Kehittämistutkimus: vuorovaikuteisten Matlab-opetusohjelmien vaikutus minäpystyvyyteen ja oppimistuloksiin yliopistomatematiikassa', *FMSERA Journal*, vol. 2, no. 1, pp. 67-77.

Myllykoski, TJ, Mattila, P, Ali-Löytty, S, Kaarakka, T & Viro, E 2018, 'Yliopistomatematiikan sähköisten tehtävien ja matemaattisen ajattelun kehittäminen', *FMSERA Journal*, vol. 2, no. 1, pp. 46-56.

Viro, IE & Joutsenlahti, J 2018, 'Projektityöskentelyn kehittäminen yläkoulun matematiikan opetuksessa', *FMSERA Journal*, vol. 2, no. 1, pp. 90-99.

Sheikh, MU & Lempiäinen, J 2018, 'Analysis of outdoor and indoor propagation at 15 GHz and millimeter wave frequencies in microcellular environment', *Advances in Science, Technology and Engineering Systems*, vol. 3, no. 1, pp. 160-167. <https://doi.org/10.25046/aj030120>

Sheikh, MU, Hiltunen, K & Lempiäinen, J 2018, 'Enhanced outdoor to indoor propagation models and impact of different ray tracing approaches at higher frequencies', *Advances in Science, Technology and Engineering Systems*, vol. 3, no. 2, pp. 58-68. <https://doi.org/10.25046/aj030207>

Assanto, G, Perumbilavil, S, Piccardi, A & Kauranen, M 2018, 'Electro-optic steering of random laser emission in liquid crystals', *Photonics Letters of Poland*, vol. 10, no. 4, pp. 103-105. <https://doi.org/10.4302/plp.v10i4.852>

Saari, U, Aarikka-Stenroos, L, Boedeker, S, Köppä, L & Langwaldt, J 2017, 'Assessing the usefulness of an early idea development tool among experienced researchers', *CERN IdeaSquare Journal of Experimental Innovation*, vol. 1, no. 2, pp. 3-8. <https://doi.org/10.23726/cij.2017.476>

Juuti, P, Katko, TS & Rajala, R 2017, 'Sata vuotta vesihuoltoa Suomessa', *Vesitalous*, vol. 58, no. 6, pp. 13-15.

Veronese, A, Racca, M, Pieters, R & Kyrki, V 2017, 'Probabilistic Mapping of Human Visual Attention from Head Pose Estimation', *Frontiers in Robotics and AI*. <https://doi.org/10.3389/frobt.2017.00053>

Khorramdel, B, Kraft, TM & Mäntysalo, M 2017, 'Inkjet printed metallic micropillars for bare die flip-chip bonding', *Flexible and Printed Electronics*, vol. 2, no. 4, pp. 045005. <https://doi.org/10.1088/2058-8585/aa9171>

Hlavatý, I, Kozák, J, Krejci, L, Samardzic, I & Tuominen, J 2017, 'The effect of tungsten carbide particles content in a weld deposit on its abrasion resistance', *Technical Gazette - Technicki vjesnik*, vol. 24, no. 5, pp. 1345-1349. <https://doi.org/10.17559/TV-20160503085356>

Munir, MW, Shahid, N, Omair, SM, Munir, G & UI Haque, MZ 2017, 'Comparative investigation of remote tracking devices for aging care', *INTERNATIONAL JOURNAL OF INFORMATION TECHNOLOGY*, vol. 9, no. 3, pp. 261-266. <https://doi.org/10.1007/s41870-017-0034-7>

Militano, L, Orsino, A, Araniti, G & Iera, A 2017, 'NB-IoT for D2D-enhanced content uploading with social trustworthiness in 5G systems', *Future Internet*, vol. 9, no. 3, pp. 31. <https://doi.org/10.3390/fi9030031>

Lehtoranta, K, Murtonen, T, Vesala, H, Koponen, P, Alanen, J, Simonen, P, Rönkkö, T, Timonen, H, Saarikoski, S, Maunula, T, Kallinen, K & Korhonen, S 2017, 'Natural Gas Engine Emission Reduction by Catalysts', *Emission Control Science and Technology*, vol. 3, no. 2, pp. 142-152. <https://doi.org/10.1007/s40825-016-0057-8>

Silwal, B, Rasilo, P, Belahcen, A & Arkkio, A 2017, 'Influence of the rotor eccentricity on the torque of a cage induction machine', *Archives of Electrical Engineering*, vol. 66, no. 2, pp. 383-396. <https://doi.org/10.1515/ae-2017-0029>

Virtanen, J, Kamppi, A, Pekkarinen, E, Määttä, J-M, Järvinen, J, Matilainen, LJ, Teuho, M & Hämäläinen, T 2017, 'Kactus2: A graphical EDA tool built on the IP-XACT standard', *The Journal of Open Source Software*, vol. 2, no. 13, pp. 1. <https://doi.org/10.21105/joss.00151>

Juuti, PS 2017, 'Editorial: Information to support decision-making', *Ympäristöhistoria: Finnish Journal of Environmental History*, vol. 2017, no. 1, pp. 5-6.

Rojas, V, Martinez, F, Bernede, JC, Guenadez, LC, Efimov, A & Lemmetyinen, H 2017, 'Alkyl thiophene vinylene electropolymerization in C8mimPF6, potential use in solar cells', *Materials Sciences and Applications*, vol. 8, no. 5, pp. 405-417. <https://doi.org/10.4236/msa.2017.85013>

Teymouri, S, Calejo, MT, Hiltunen, M, Sorkio, AE, Juuti-Uusitalo, K, Skottman, H & Kellomäki, M 2017, 'Collagen-immobilized polyimide membranes for retinal pigment epithelial cell adherence and proliferation', *Cogent Chemistry*, vol. 3, no. 1. <https://doi.org/10.1080/23312009.2017.1292593>

Karhu, M, Lagerbom, J, Kivikytö-Reponen, P, Ismailov, A & Levänen, E 2017, 'Reaction heat utilization in aluminosilicate-based ceramics synthesis and sintering', *Journal of Ceramic Science and Technology*, vol. 8, no. 1, pp. 101-112. <https://doi.org/10.4416/JCST2016-00094>

Singh, A, Vihinen, J, Frankberg, E, Hyvärinen, L, Honkanen, M & Levänen, E 2017, 'Effect of Laser Power on Yield of TiO<sub>2</sub> Nanoparticles Synthesized by Pulsed Laser Ablation in Water', *Journal of Ceramic Science and Technology*, vol. 8, no. 1, pp. 39-43. <https://doi.org/10.4416/JCST2016-00071>

Li, L, Ghazi, A, Boutellier, J, Anttila, L, Valkama, M & Bhattacharyya, SS 2017, 'Evolutionary multiobjective optimization for adaptive dataflow-based digital predistortion architectures', *EAI Endorsed Transactions on Cognitive Communications*, vol. 17, no. 10, e3. <https://doi.org/10.4108/eai.23-2-2017.152187>

Katko, TS 2017, 'Suomen vesihuollon kehitys ja opit kansainvälisessä kontekstissa', *Vesitalous*, vol. 58, no. 1, pp. 8-11.

Laudyn, UA, Kwaśny, M, Karpierz, MA & Assanto, G 2017, 'Three-color vector nematicon', *Photonics Letters of Poland*, vol. 9, no. 2, pp. 36-38. <https://doi.org/10.4302/plp.v9i2.718>

Cenev, Z, Zhang, H, Sariola, V, Rahikkala, A, Liu, D, Santos, HA & Zhou, Q 2017, 'Manipulating Superparamagnetic Microparticles with an Electromagnetic Needle', *Advanced Materials Technologies*, vol. 3, no. 1, 1700177. <https://doi.org/10.1002/admt.201700177>

Marttila, T, Annala, P, Suonketo, J, Kero, P & Pentti, M 2017, 'Securing the flow of information in renovation projects: Sustainable synergies from buildings to the urban scale', *PROCEDIA ENVIRONMENTAL SCIENCES*, vol. 38, pp. 228-233. <https://doi.org/10.1016/j.proenv.2017.03.109>

Helander, N & Myllylä, M 2016, 'Teoriaa ja kokemuksia arvioinnista MOOCien aikakaudella', *TAMPEREEN AMMATTIKORKEAKOULUN JULKAISUJA. SARJA B, RAPORTTEJA*, pp. 70-77.

Sorokin, M, Strokina, N, Eerola, T, Lensu, L, Karttunen, K & Kalviainen, H 2016, 'Image-based characterization of the pulp flows', *Pattern Recognition and Image Analysis*, vol. 26, no. 3, pp. 630-637. <https://doi.org/10.1134/S1054661816030196>

Róg, T, Orłowski, A, Llorente, A, Skotland, T, Sylvänne, T, Kauhanen, D, Ekroos, K, Sandvig, K & Vattulainen, I 2016, 'Data including GROMACS input files for atomistic molecular dynamics simulations of mixed, asymmetric bilayers including molecular topologies, equilibrated structures, and force field for lipids compatible with OPLS-AA parameters', *Data in Brief*, vol. 7, pp. 1171-1174. <https://doi.org/10.1016/j.dib.2016.03.067>

Vats, S & Rissanen, M 2016, 'Parameters Affecting the Upcycling of Waste Cotton and PES/CO Textiles', *Recycling*, vol. 1, no. 1, pp. 166-177. <https://doi.org/10.3390/recycling1010166>

Passinmäki, P 2016, 'Architecture beyond signs and symbols : Zumthor's response to the problems of aesthetics', *ARQ-Architectural Research Quarterly*, vol. 19, no. 4, pp. 325-328. <https://doi.org/10.1017/S1359135516000038>

Habib, M, Hussain, A, Rasheed, S & Ali, M 2016, 'Adaptive fuzzy inference system based directional median filter for impulse noise removal', *AEU International Journal of Electronics and Communication*, vol. 70, no. 5, pp. 689-697. <https://doi.org/10.1016/j.aeue.2016.02.005>

Vilmi, P, Nelo, M, Voutilainen, J-V, Palosaari, J, Pörhönen, J, Tuukkanen, S, Jantunen, H, Juuti, J & Fabritius, T 2016, 'Fully printed memristors for a self-sustainable recorder of mechanical energy', *Flexible and Printed Electronics*, vol. 1, no. 2, 025002. <https://doi.org/10.1088/2058-8585/1/2/025002>

Karimi, N, Alberucci, A, Virkki, M, Priimägi, A, Kauranen, M & Assanto, G 2016, 'Quenching nematicon fluctuations via photo-stabilization', *Photonics Letters of Poland*, vol. 8, no. 1, pp. 2-4. <https://doi.org/10.4302/plp.2016.1.02>

Ropo, M, Schneider, M, Baldauf, C & Blum, V 2016, 'First-principles data set of 45,892 isolated and cation-coordinated conformers of 20 proteinogenic amino acids', *Scientific Data*, vol. 3, 160009. <https://doi.org/10.1038/sdata.2016.9>

Laudyn, UA, Kwaśny, M, Jung, PS, Trippenbach, M, Assanto, G & Karpierz, MA 2016, 'Linear and nonlinear light beam propagation in chiral nematic liquid crystal waveguides', *Photonics Letters of Poland*, vol. 8, no. 1, pp. 11-13. <https://doi.org/10.4302/plp.2016.1.05>

Okun, O, Kravchenko, Y & Korpinen, L 2016, 'Influence of environmental conditions on EMF levels in a span of overhead transmission lines', *Progress in Electromagnetics Research C*, vol. 63, pp. 163-171. <https://doi.org/10.2528/PIERC16021106>

Tukiainen, A, Aho, A, Polojärvi, V, Ahorinta, R & Guina, M 2016, 'High efficiency dilute nitride solar cells: Simulations meet experiments', *Journal of Green Engineering*, vol. 5, no. 3-4, 8, pp. 113-132. <https://doi.org/10.13052/jge1904-4720.5348>

Hosseini, SSS, Jamali, MM, Astola, J & Gorsevski, PV 2016, 'Target tracking via combination of particle filter and optimisation techniques', *International Journal of Mathematical Modelling and Numerical Optimization*, vol. 7, no. 2, pp. 212-229. <https://doi.org/10.1504/IJMMNO.2016.077068>

Garifullin, MR, Barabash, AV, Naumova, EA, Zhuvak, OV, Jokinen, T & Heinisuo, M 2016, 'Surrogate modeling for initial rotational stiffness of welded tubular joints', *Magazine of Civil Engineering*, vol. 63, no. 3, pp. 53-76. <https://doi.org/10.5862/MCE.63.4>

Kuuliala, L, Pippuri, T, Hultman, J, Auvinen, S-M, Kolppo, K, Nieminen, T, Karp, M, Björkroth, J, Kuusipalo, J & Jääskeläinen, E 2015, 'Preparation and antimicrobial characterization of silver-containing packaging materials for meat', *Food Packaging and Shelf Life*, vol. 6, 67, pp. 53-60. <https://doi.org/10.1016/j.fpsl.2015.09.004>

Bartsch, H, Himmerlich, M, Fischer, M, Demko, L, Hyttinen, J & Schober, A 2015, 'LTCC-Based Multi-Electrode Arrays for 3D in Vitro Cell Cultures', *Journal of Ceramic Science and Technology*, vol. 6, no. 4, pp. 315-324. <https://doi.org/10.4416/JCST2015-00056>

Karjalainen, P, Timonen, H, Saukko, E, Kuuluvainen, H, Saarikoski, S, Aakko-Saksa, P, Murtonen, T, Dal Maso, M, Ahlberg, E, Svenningsson, B, Brune, WH, Hillamo, R, Keskinen, J & Rönkkö, T 2015, 'Time-resolved characterization of primary and secondary particle emissions of a modern gasoline passenger car', *Atmospheric Chemistry and Physics Discussions*, vol. 15, no. 22, pp. 33253-33282. <https://doi.org/10.5194/acpd-15-33253-2015>

Hackenberg, J, Spiecker, H, Calders, K, Disney, M & Raunonen, P 2015, 'SimpleTree: An Efficient Open Source Tool to Build Tree Models from TLS Clouds', *Forests: Open Access Journal*, vol. 6, no. 11, pp. 4245-4294. <https://doi.org/10.3390/f6114245>

Du, L, Leivo, V, Prasauskas, T, Turunen, M, Kiviste, M, Martuzevicius, D & Haverinen-Shaughnessy, U 2015, 'Energy Retrofits in Multi-family Buildings in North-east Europe: The Impacts on Thermal Conditions', *Energy Procedia*, vol. 78, pp. 860-864. <https://doi.org/10.1016/j.egypro.2015.11.008>

Spruijt-Metz, D, Hekler, E, Saranummi, N, Intille, S, Korhonen, I, Nilsen, W, Rivera, DE, Spring, B, Michie, S, Asch, DA, Sanna, A, Salcedo, VT, Kukakfa, R & Pavel, M 2015, 'Building new computational models to support health behavior change and maintenance: new opportunities in behavioral research', *Translational Behavioral Medicine*, vol. 5, no. 3, pp. 335-346. <https://doi.org/10.1007/s13142-015-0324-1>

Stupnikov, A, Glazko, GV & Emmert-Streib, F 2015, 'Effects of subsampling on characteristics of RNA-seq data from triple-negative breast cancer patients', *Chinese Journal of Cancer*, vol. 34, no. 10. <https://doi.org/10.1186/s40880-015-0040-8>

Taibi, D, Lenarduzzi, V, Dieudonne, L & Plociennik, C 2015, 'Towards a Classification Schema for Development Technologies: an Empirical Study in the Avionic Domain', *INTERNATIONAL JOURNAL ON ADVANCES IN SOFTWARE*, vol. 8, no. 1&2, pp. 125-135.

Acimovic, J, Mäki-Marttunen, T & Linne, M-L 2015, 'The effects of neuron morphology on graph theoretic measures of network connectivity: The analysis of a two-level statistical model', *Frontiers in Neuroanatomy*, vol. 9, no. June, 76. <https://doi.org/10.3389/fnana.2015.00076>

Fei, ZS, Gao, Q, Fu, Y, Isotalo, T & Niemelä, J 2015, 'Distributed power allocation over indoor multi-pico stations', *Journal of the Beijing Institute of Technology*, vol. 24, no. 2, pp. 227-232. <https://doi.org/10.15918/j.jbit1004-0579.201524.0214>

Latifi, SK, Saketi, P & Kallio, P 2015, 'Microrobotic system for multi-rate measurement of bio-based fibres Z-directional bond strength', *Journal of Micro-Bio Robotics*, vol. 10, no. 1, 1, pp. 13-26. <https://doi.org/10.1007/s12213-015-0080-9>

Yli-Hietanen, J, Ylipää, A & Yli-Harja, O 2015, 'Cancer research in the era of next-generation sequencing and big data calls for intelligent modeling', *Chinese Journal of Cancer*, vol. 34, no. 10, 12. <https://doi.org/10.1186/s40880-015-0008-8>

Koivisto, AJ, Jensen, ACØ, Levin, M, Kling, KI, Maso, MD, Nielsen, SH, Jensen, KA & Koponen, IK 2015, 'Testing the near field/far field model performance for prediction of particulate matter emissions in a paint factory', *Environmental Sciences: Processes and Impacts*, vol. 17, no. 1, pp. 62-73. <https://doi.org/10.1039/c4em00532e>

Stepanova, E, Kudryavtsev, I & Lohan, E-S 2015, 'Acquisition of E5 Galileo signals in Matlab', *Procedia Engineering*, vol. 104, pp. 36-42. <https://doi.org/10.1016/j.proeng.2015.04.094>

Alexandru, R-C & Lohan, E-S 2015, 'Comparison of Detection Techniques for Multipath Propagation of Pseudolite Signals Used in Dense Industrial Environments', *Procedia Engineering*, vol. 100, no. C, pp. 1294-1300. <https://doi.org/10.1016/j.proeng.2015.01.496>

Chen, Z, Dehmer, M, Emmert-Streib, F & Shi, Y 2015, 'Entropy of weighted graphs with Randić weights', *Entropy*, vol. 17, no. 6, pp. 3710-3723. <https://doi.org/10.3390/e17063710>

Gómez-Herrero, G, Wu, W, Rutanen, K, Soriano, MC, Pipa, G & Vicente, R 2015, 'Assessing coupling dynamics from an ensemble of time series', *Entropy*, vol. 17, no. 4, pp. 1958-1970. <https://doi.org/10.3390/e17041958>

Vainio, T, Walsh, T & Varsaluoma, J 2015, 'Cross-Cultural Design of Mobile Mathematics Learning Service for South African Schools', *IADIS International Journal on WWW/Internet*, vol. 12, no. 1, pp. 81-93.

Russell, MG, Huhtamäki, J, Still, K, Rubens, N & Basole, RC 2015, 'Relational Capital for Shared Vision in Innovation Ecosystems', *Triple Helix: A Journal of University-Industry-Government Innovation and Entrepreneurship*, vol. 2, no. 1. <https://doi.org/10.1186/s40604-015-0017-2>

- Vihola, J, Sorri, J, Heljo, J & Kero, P 2015, 'Heat Loss Rate of the Finnish Building Stock', *Procedia Economics and Finance*, vol. 21, pp. 601-608. [https://doi.org/10.1016/S2212-5671\(15\)00218-X](https://doi.org/10.1016/S2212-5671(15)00218-X)
- Khosravi, M & Kähkönen, K 2015, 'Management and Planning Under Complexities of Metro Construction', *Procedia Economics and Finance*, vol. 21, pp. 415-421. [https://doi.org/10.1016/S2212-5671\(15\)00194-X](https://doi.org/10.1016/S2212-5671(15)00194-X)
- Reunanen, T 2015, 'Human Factor in Time Management', *Procedia Manufacturing*, vol. 3, pp. 709-716. <https://doi.org/10.1016/j.promfg.2015.07.311>
- Järvinen, A, Kuuluvainen, H, Niemi, JV, Saari, S, Dal Maso, M, Pirjola, L, Hillamo, R, Janka, K, Keskinen, J & Rönkkö, T 2015, 'Monitoring urban air quality with a diffusion charger based electrical particle sensor', *Urban Climate*, vol. 14, no. 3. <https://doi.org/10.1016/j.uclim.2014.10.002>
- Savolainen, J, Kähkönen, K, Niemi, O, Poutanen, J & Varis, E 2015, 'Stirring the Construction Project Management with Co-creation and Continuous Improvement', *Procedia Economics and Finance*, vol. 21, pp. 64-71. [https://doi.org/10.1016/S2212-5671\(15\)00151-3](https://doi.org/10.1016/S2212-5671(15)00151-3)
- Huovinen, P 2015, 'Theoretical 71-Concept Platform for Advancing Construction-related Business Management', *Procedia Economics and Finance*, vol. 21, pp. 80-87. [https://doi.org/10.1016/S2212-5671\(15\)00153-7](https://doi.org/10.1016/S2212-5671(15)00153-7)
- Bragadin, MA & Kähkönen, K 2015, 'Safety, Space and Structure Quality Requirements in Construction Scheduling', *Procedia Economics and Finance*, vol. 21, pp. 407-414. [https://doi.org/10.1016/S2212-5671\(15\)00193-8](https://doi.org/10.1016/S2212-5671(15)00193-8)
- Chaudhary, S, Zhao, Y, Berki, E, Valtanen, J, Li, L, Helenius, M & Mystakidis, S 2015, 'A Cross-Cultural and Gender-Based Perspective for Online Security: Exploring Knowledge, Skills and Attitudes of Higher Education Students.', *IADIS International Journal on WWW/Internet*, vol. 13, no. 1, pp. 57-71.
- Heikkilä, J & Martinsuo, M 2015, 'Lean-tuotanto ja sen johtaminen: onnistuminen, haasteet ja soveltuminen Suomen yrityksiin ja muihin organisaatioihin', *Työpoliittinen aikakauskirja*, no. 3, pp. 18-24.
- Leivo, V, Kiviste, M, Aaltonen, A, Turunen, M & Haverinen-Shaughnessy, U 2015, 'Air pressure difference between indoor and outdoor or staircase in multi-family buildings with exhaust ventilation system in Finland', *Energy Procedia*, vol. 78C, pp. 1218-1223. <https://doi.org/10.1016/j.egypro.2015.11.188>
- Huhtelin, M & Nenonen, S 2015, 'A Co-creation Centre for University–Industry Collaboration – A Framework for Concept Development', *Procedia Economics and Finance*, vol. 21, pp. 137 - 145. [https://doi.org/10.1016/S2212-5671\(15\)00160-4](https://doi.org/10.1016/S2212-5671(15)00160-4)
- Hukka, JJ & Katko, TS 2015, 'Resilient Asset Management and Governance Fordeteriorating Water Services Infrastructure', *Procedia Economics and Finance*, vol. 21, pp. 112-119. [https://doi.org/10.1016/S2212-5671\(15\)00157-4](https://doi.org/10.1016/S2212-5671(15)00157-4)
- Katko, TS & Hukka, JJ 2015, 'Social and Economic Importance of Water Services in the Built Environment: Need for More Structured Thinking', *Procedia Economics and Finance*, vol. 21, pp. 217-223. [https://doi.org/10.1016/S2212-5671\(15\)00170-7](https://doi.org/10.1016/S2212-5671(15)00170-7)
- Coatanéa, E, Rynnänen, L, Calonijs, O, Mokammel, F & Riitahuhta, A 2015, 'Systematic Search and Ranking of Physical Contradictions Using Graph Theory Principles: Toward a Systematic Analysis of Design Strategies and their Impacts: TRIZ and Knowledge-Based Innovation in Science and Industry', *Procedia Engineering*, vol. 131, pp. 1165-1182. <https://doi.org/10.1016/j.proeng.2015.12.441>
- Katko, TS 2015, 'Kohti tasapuolisempaa tutkimuksen arviointia: Pääkirjoitus', *Ympäristöhistoria: Finnish Journal of Environmental History*, vol. 5, no. 1, pp. 4-5.

Kurki, V, Sidaraviciute, R, Sörensen, J, Kibocha, SN, Retike, I, Ikobe, G, Tichonovas, M, Elijosiute, E & Rajala, R 2015, 'Importance and challenges of sharing experiences among an international and interdisciplinary group of doctoral students', *Ympäristöhistoria: Finnish Journal of Environmental History*, no. 1/2015, pp. 45-51.

Sasaki, Y, Suzuki, T, Iwagami, T, Tani, T, Naganuma, H, Kino, H, Hyttinen, J, Kellomäki, M & Tanaka, T 2014, 'Development of chip-surface stimulus electrode array for fully-implantable subretinal prosthesis chip', *Transactions of Japanese Society for Medical and Biological Engineering*, vol. 52, pp. O-253-O-254. <https://doi.org/10.11239/jsmbe.52.O-253>

Tani, T, Naganuma, H, Harashima, T, Iwagami, T, Kino, H, Kiyoyama, K, Kellomäki, M, Hyttinen, J & Tanaka, T 2014, 'Development of Si neural probe module with adjustable gain amplifier for neuronal signal recording', *Transactions of Japanese Society for Medical and Biological Engineering*, vol. 52, pp. O-377-O-378. <https://doi.org/10.11239/jsmbe.52.O-377>

Väyrynen, H, Helander, N & Kukko, M 2014, 'Knowledge Management Practices in Large Companies', *The Macrotheme Review*, vol. 3, no. 9, 3(9), pp. 56-72.

Bernard, A, Coatanea, E, Christophe, F & Laroche, F 2014, 'Design: A Key Stage of Product Lifecycle', *Procedia CIRP*, vol. 21, pp. 3-9. <https://doi.org/10.1016/j.procir.2014.06.146>

Kraft, T, Berger, P & Lupo, D 2017, 'Printed and organic diodes: devices, circuits and applications', *Flexible and Printed Electronics*, vol. 2, no. 3, 033001. <https://doi.org/10.1088/2058-8585/aa8ac3>

Juuti, P 2017, 'Vesi, ongelma ennen ja nyt?', *Ympäristöhistoria: Finnish Journal of Environmental History*, vol. 2017, no. 1, pp. 54-65.

Juuti, PS, Kurki, V & Rajala, R 2017, 'Local narratives in the long term water conflicts: Case of Turku Region in Finland', *Ympäristöhistoria: Finnish Journal of Environmental History*, vol. 2017, no. 1, pp. 39-49.

Juuti, P & Rajala, R 2017, 'Sata vuotta Suomen suurimmasta lavantautiepidemiasta', *Vesitalous*, vol. 2017, no. 1, pp. 12-14.

Juuti, P & Rajala, R 2017, 'Valkea kaupunki, mustat vedet', *Vesitalous*, vol. 2017, no. 1, pp. 15-17.

El-Khozondar, H, El-Khozondar, R, Matter, K & Suntio, T 2016, 'A review study of photovoltaic array maximum power point tracking algorithms', *Renewables: Wind, Water, and Solar*, vol. 3, no. 1. <https://doi.org/10.1186/s40807-016-0022-8>

Hynynen, A 2016, 'Future in wood? Timber construction in boosting local development.', *European Spatial Research and Policy*, vol. 23, no. 1, pp. 127-139. <https://doi.org/10.1515/esrp-2016-0007>

Müller, P, Raitoharju, M, Ali-Löytty, S, Wirola, L & Piche, R 2016, 'Обзор параметрических методов позиционирования на основе концепции отпечатка пальца', *Giroskopiya I Navigatsiya*, vol. 24, no. 1, pp. 3-35. <https://doi.org/10.17285/0869-7035.2016.24.1.003-035>

Sörensen, J, Kurki, V, Sidaraviciute, R, Ngari Kibocha, S, Retike, I, Ikobe, G, Tichonovas, M, Elijosiute, E & Rajala, R 2015, 'Interdisciplinary water research network building within Nordic and Baltic countries.', *Vatten*, no. 71, pp. 79-83.

Tuukkanen, S & Rajala, S 2018, Nanocellulose as a Piezoelectric Material. in *Piezoelectricity - Organic and Inorganic Materials and Applications*. InTech Open Access Publisher, pp. 1-14. <https://doi.org/10.5772/intechopen.77025>

Leppänen, M, Sarkkila, J, Hämäläinen, H & Rininen, J 2018, Technical suitability of the fine fraction of municipal solid waste incineration bottom ash to the landfill capping liner. in V Raasakka & P Lahtinen (eds), *Proceedings of the 10th International Conference on the Environmental and Technical Implications of Construction with Alternative Materials WASCON 2018: No Gradle, No Grave - Circular Economy into Practice*. RIL - Finnish Association of Civil Engineers, pp. 168-175, International Conference on the Environmental and Technical Implications of Construction with Alternative Materials, United Kingdom, 1/01/00.

Kähkönen, K & Brandt, J 2017, Quality evaluation on of contractor's schedule for building renovation. in A Ciribini , G Alaimo , P Capone , B Daniotti , G Dell'Osso & M Nicoletta (eds), *Re-shaping the construction industry*. ISTEa Italian Society of Science, Technology and Engineering of Architecture; Maggioli Editore, pp. 175-184.

Multisilta, J & Niemi, H 2017, Tools, pedagogical models, and best practices for digital storytelling. in M Khosrow-Pour (ed.), *Encyclopedia of information science and technology*. 4th edn, IGI Global.

Sislian, R, da Silva, FV, Gedraite, R, Jokinen, H & Rajan, DK 2017, The use of mathematical modeling for the development of a low cost fuzzy gain schedule neutralization control system. in *Transactions on Engineering Technologies: World Congress on Engineering and Computer Science 2015*. Springer Singapore, pp. 525-539, WORLD CONGRESS ON ENGINEERING AND COMPUTER SCIENCE, 1/01/00. [https://doi.org/10.1007/978-981-10-2717-8\\_37](https://doi.org/10.1007/978-981-10-2717-8_37)

Ketonen-Oksi, S 2017, Reinventing organisational creativity and innovation through adapting a service-based working culture. in G Schiuma & A Lerro (eds), *Integrating arts and creativity into business practice*. IGI Global, pp. 1-20. <https://doi.org/10.4018/978-1-5225-2050-4>

Nommeots-Nomm, A & Massera, J 2017, Glass and Glass-Ceramic Scaffolds: Manufacturing Methods and the Impact of Crystallization on In-Vitro Dissolution. in *Scaffolds in Tissue Engineering - Materials, Technologies and Clinical Applications*. InTech Open Access Publisher. <https://doi.org/10.5772/intechopen.70242>

Munnukka, J, Karjaluo, H, Mahlamäki, T & Hokkanen, V 2017, Effects of Social Media on Consumers' Sports Brand Experiences and Loyalty. in M Stieler (ed.), *Creating Marketing Magic and Innovative Future Marketing Trends: Proceedings of the 2016 Academy of Marketing Science (AMS) Annual Conference*. Developments in Marketing Science: Proceedings of the Academy of Marketing Science, Springer International Publishing, pp. 1051-1064. [https://doi.org/10.1007/978-3-319-45596-9\\_194](https://doi.org/10.1007/978-3-319-45596-9_194)

Ketonen-Oksi, S 2016, Re-inventing organizational creativity and innovation through adopting a service-based working culture. in *Integrating Art and Creativity into Business Practice*. IGI Global, pp. 1-20. <https://doi.org/10.4018/978-1-5225-2050-4.ch001>

Santinha, J, Gupta, A, Martins, L, Annala, T, Häkkinen, A, Mora, A, Lloyd-Price, J, Ribeiro, A, Oliveira, SMD & Fonseca, JR 2016, icellfusion: Tool for fusion and analysis of live-cell images from time-lapse multimodal microscopy. in *Biometrics: Concepts, Methodologies, Tools, and Applications*. IGI Global, pp. 806-834. <https://doi.org/10.4018/978-1-5225-0983-7.ch033>

Vainio, T & Walsh, T 2016, Learning Maths with mobiles: Cross-cultural design of technology with experiences in South-Africa and Finland. in *Blended Learning: Concepts, Methodologies, Tools, and Applications*. vol. 4, IGI Global, pp. 741-759. <https://doi.org/10.4018/978-1-5225-0783-3.ch037>

Suominen, O, Mörsky, V, Ritala, R & Vilkkö, M 2016, Framework for optimization and scheduling of a copper production plant. in *26th European Symposium on Computer Aided Process Engineering, 2016*. vol. 38, Computer Aided Chemical Engineering, Elsevier Science B.V., pp. 1243-1248, EUROPEAN SYMPOSIUM ON COMPUTER AIDED PROCESS ENGINEERING, 1/01/00. <https://doi.org/10.1016/B978-0-444-63428-3.50212-5>

Bernhardt, J, Helander, N, Jussila, J & Kärkkäinen, H 2016, Crowdsourcing in Business-to-Business Markets: A Value Creation and Business Model Perspective. in *Encyclopedia of E-Commerce Development, Implementation, and Management*., 66, IGI Global, United States, pp. 933-943. <https://doi.org/10.4018/978-1-4666-9787-4.ch066>



- Harmanen, J & Mikkonen, T 2016, On Polyglot Programming in the Web. in *Modern Software Engineering Methodologies for Mobile and Cloud Environments*. IGI Global, pp. 102-119. <https://doi.org/10.4018/978-1-4666-9916-8.ch006>
- Ylinen, A, Mäkinen, J & Kouhia, R 2016, Two models for hydraulic cylinders in flexible multibody simulations. in *Computational Methods for Solids and Fluids: Multiscale Analysis, Probability Aspects and Model Reduction*. Computational Methods in Applied Sciences, vol. 41, Springer, pp. 463-493. [https://doi.org/10.1007/978-3-319-27996-1\\_17](https://doi.org/10.1007/978-3-319-27996-1_17)
- Pohjola, J, Turunen, J, Lipping, T & Ikonen, ATK 2016, Probabilistic Framework for Modelling the Evolution of Geomorphic Features in 10,000-Year Time Scale: The Eurajoki River Case. in *Geospatial Data in a Changing World: Selected papers of the 19th AGILE Conference on Geographic Information Science*. Lecture Notes in Geoinformation and Cartography, Springer Verlag, pp. 369-382, AGILE International Conference on Geographic Information Science, 1/01/00. <https://doi.org/10.1007/978-3-319-33783-8>
- Porkka, PL 2016, Functional model for organisational and safety culture. in *Chemical Engineering Transactions*. Chemical Engineering Transactions, vol. 48, Italian Association of Chemical Engineering AIDIC, pp. 907-912. <https://doi.org/10.3303/CET1648152>
- Vainio, T & Walsh, T 2015, Learning maths with mobiles: Cross-cultural design of technology with experiences in South-Africa and Finland. in *Integrating Touch-Enabled and Mobile Devices into Contemporary Mathematics Education*. IGI Global, pp. 79-96. <https://doi.org/10.4018/978-1-4666-8714-1.ch004>
- Kärkkäinen, H, Jussila, J & Erkinheimo, P 2015, The New Era of Crowdsourcing — Industrial Crowdsourcing. in B Salmelin (ed.), *Open Innovation Yearbook 2015*. European Commission, Brussel, pp. 25-31, Open Innovation 2.0 Conference 2015, Espoo, Finland, 7/06/15. <https://doi.org/10.2759/92658>
- Lilja, K 2015, Jossakin vuoti öljy, muualla tihkuivat tiedot - etiikka katoavien rajojen ja suurten skandaalien aikakaudella. in *Silmät auki It-etiikkaan*. Eduskunnan tulevaisuusvaliokunnan julkaisu, no. 12, EDUSKUNNAN TULEVAISUUSVALIOKUNTA, pp. 85-101.
- Saari, A & Tauriainen, M 2015, Townhouse-talotyypin rakennuskustannukset: kolmen suunnitteluratkaisun taloudellisuuden analysointi. in *Nollaa parempi – Townhouse energiatehokkaassa asuinrakentamisessa*. Aalto University publication series Crossover, no. 9/2015, Aalto-yliopisto, pp. 94-97.
- Nisula, J & Saari, A 2015, Aluetehtokkuuden kustannusvaikutukset. in *Nollaa parempi – Townhouse energiatehokkaassa asuinrakentamisessa*. Aalto University publication series Crossover, no. 9/2015, Aalto-yliopisto, pp. 102-107.
- Lobov, A 2015, On service composition - dynamic formation and orchestration of service workflows. in S Strzelczak, P Balda, M Garetti & A Lobov (eds), *Open Knowledge-Driven Manufacturing and Logistics - The eScop Approach*. Warsaw University of Technology Publishing House, pp. 311-319.
- Ramis Ferrer, B 2015, Classification of Knowledge Representation Implementations in the Manufacturing Systems Domain. in S Strzelczak, P Balda, M Garetti & A Lobov (eds), *Open Knowledge-Driven Manufacturing & Logistics: The eScop Approach*. Warsaw University of Technology Publishing House, pp. 235-244.
- Ferrer, BR 2015, A Proposal of Decentralized Architecture for OKD-MES. in S Strzelczak, P Balda, M Garetti & A Lobov (eds), *Open Knowledge-Driven Manufacturing & Logistics: The eScop Approach*. Warsaw University of Technology Publishing House, Warsaw, pp. 331-340.
- Katko, TS, Juuti, P, Pietilä, P & Rajala, R 2015, Water services heritage and institutional diversity. in W Willems & H van Schaik (eds), *Water and Heritage: material, conceptual and spiritual connections*. Sidestone Press.
- Mokammel, F, Coatanea, E, Bakhouya, M, Christophe, F & Nonsiri, S 2013, Impact analysis of graph-based requirements models using PageRank algorithm. in *2013 IEEE International Systems Conference (SysCon)*. 2013 IEEE International Systems Conference (SysCon), IEEE, pp. 731-736, IEEE International Systems Conference, 1/01/00. <https://doi.org/10.1109/SysCon.2013.6549964>

Morasca, S, Taibi, D & Tosi, D 2013, OSS-TMM: Guidelines for improving the testing process of open source software. in *Open Source Software Dynamics, Processes, and Applications*. IGI Global, pp. 59-78. <https://doi.org/10.4018/978-1-4666-2937-0.ch004>

Sandström, N, Nevgi, A & Nenonen, S 2019, Participatory service design and community involvement in designing future-ready sustainable learning landscapes. in *SBE 19 - Emerging Concepts for Sustainable Built Environment 22-24 May 2019, Helsinki, Finland*. IOP Conference Series: Earth and Environmental Science, vol. 297, IOP Publishing, Sustainable Built Environment Conference, Helsinki, Finland, 22/05/19. <https://doi.org/10.1088/1755-1315/297/1/012031>

Solodko, A, Mäkinen, S, Lasheras, NC, Bedolla, JS & Saari, U 2019, Research-industry collaboration: a review of the literature on evaluation methods and motivations. in *PICMET 2019 Conference: August 25-29, 2019, Portland, Oregon, USA*, 19R0108, Portland, Portland International Conference on Management of Engineering and Technology, 1/01/00.

Mishra, K, Krogerus, T & Huhtala, K 2019, Profile extraction and deep autoencoder feature extraction for elevator fault detection. in C Callegari (ed.), *16th International Conference on Signal Processing and Multimedia Applications: SIGMAP 2019, 26-28 July, 2019, Prague, Czech Republic*. 2019 edn, vol. 16, SCITEPRESS, Prague, Czech Republic, pp. 313-320, INTERNATIONAL CONFERENCE ON SIGNAL PROCESSING AND MULTIMEDIA APPLICATIONS, 1/01/00. <https://doi.org/10.5220/0007802003130320>

Juuti, T, Pakkanen, J & Lehtonen, T 2019, Empirical study of good, bad and ugly modular engineering solutions in machinery manufacturing industry. in *Proceedings of the Design Society: International Conference on Engineering Design: The 22nd International Conference on Engineering Design, ICED19, Delft, The Netherlands, 5-8 August 2019*. Proceedings of the Design Society: International Conference on Engineering Design, Cambridge University Press, pp. 2981-2990, International Conference on Engineering Design, 1/01/00. <https://doi.org/10.1017/dsi.2019.305>

Martinsuo, M & Vuorinen, L 2019, Actors' agency in the routines of innovation project portfolio management. in *Proceedings of the EURAM European Academy of Management Conference 2019: 26-28 June 2019, Lisbon, Portugal*. EURAM conference, European Academy of Management, EURAM, European Academy of Management Annual Conference, 1/01/13.

Ahola, T & Martinsuo, M 2019, The circular economy of projects. in *European Academy of Management Conference EURAM 2019: 26-28 June, Lisbon, Portugal*. European academy of management annual conference, European academy of management annual conference, 1/01/00.

Hajikazemi, S, Ahola, T, Aaltonen, K, Aarseth, W & Andersen, B 2019, Normalization of deviance in the construction industry, a managerial perspective. in *European Academy of Management Conference 2019, EURAM: 26-28 June, Lissabon, Portugal*. European academy of management annual conference, European academy of management annual conference, 1/01/00.

Vuori, V & Helander, N 2019, Knowledge management practices to overcome network-level knowledge barriers: an artificial intelligence powered literature review. in *Proceedings of International Forum on Knowledge Asset Dynamics 2019: 5-7 June 2019, Matera, Italy*. IFKAD Proceedings eBooks, International Forum on Knowledge Asset Dynamics, 1/01/00.

Kahle, H, Phung, H-M, Penttinen, J-P, Rajala, P, Tukiainen, A, Ranta, S & Guina, M 2019, Double-side pumped membrane external-cavity surface-emitting laser (MECSEL) with increased efficiency emitting > 3 W in the 780 nm region. in *2019 Conference on Lasers and Electro-Optics, CLEO 2019 - Proceedings*. IEEE, Conference on Lasers and Electro-Optics, San Jose, United States, 5/05/19. <https://doi.org/10.23919/CLEO.2019.8749958>

Sadiek, I, Mikkonen, T, Vainio, M, Toivonen, J & Foltynowicz, A 2019, Optical Frequency Comb Photoacoustic Spectroscopy. in *2019 Conference on Lasers and Electro-Optics, CLEO 2019 - Proceedings*. IEEE, Conference on Lasers and Electro-Optics, San Jose, United States, 5/05/19. <https://doi.org/10.23919/CLEO.2019.8749688>

Abdallah, Z, Stefszky, M, Ulvila, V, Silberhorn, C & Vainio, M 2019, Frequency Comb Generation in a Continuous-Wave Pumped Second-Order Nonlinear Waveguide Resonator. in *2019 Conference on Lasers and Electro-Optics, CLEO 2019 - Proceedings*. IEEE, Conference on Lasers and Electro-Optics, San Jose, United States, 5/05/19. <https://doi.org/10.23919/CLEO.2019.8750403>

Saad-Bin-Alam, M, Reshef, O, Huttunen, MJ, Carlow, G, Sullivan, B, Menard, JM, Dolgaleva, K & Boyd, RW 2019, High-Q resonance train in a plasmonic metasurface. in *2019 Conference on Lasers and Electro-Optics, CLEO 2019 - Proceedings*. IEEE, Conference on Lasers and Electro-Optics, San Jose, United States, 5/05/19. <https://doi.org/10.23919/CLEO.2019.8750206>

Silverajan, B, Zhao, H & Kamath, A 2019, A Semantic Meta-Model Repository for Lightweight M2M. in *2018 IEEE International Conference on Communication Systems, ICCS 2018*. IEEE, pp. 468-472, IEEE International Conference on Communication Systems, Chengdu, China, 19/12/18. <https://doi.org/10.1109/ICCS.2018.8689185>

Leivo, V, Sarlin, E, Suonketo, J, Pikkuvirta, J & Pentti, M 2019, Muovipäällysteisten lattioiden vaurioituminen kosteuden vaikutuksesta. in *Sisäilmastoseminaari 2019: 14.3.2019 : Sisäilmayhdistys raportti 37*. SIY Raportti, no. 37, SIY SISÄILMATIETO OY, pp. 383-388, Sisäilmastoseminaari, 1/01/00.

Rissanen, J, Fedotov, A, Noronen, T, Gumenyuk, R, Chamorovskii, Y, Kolosovskii, A, Voloshin, V, Vorobev, I, Odnoblyudov, M & Filippov, V 2019, Large mode area double clad ytterbium tapered fiber with circular birefringency. in AL Carter & L Dong (eds), *Proceedings of SPIE : Fiber Lasers XVI: Technology and Systems*. Proceedings of SPIE, vol. 10897, SPIE-INT SOC OPTICAL ENGINEERING, SPIE Photonics West 2019, San Francisco, United States, 2/02/19. <https://doi.org/10.1117/12.2508811>

Fedotov, A, Pominova, D, Orlovskaya, E, Orlovskii, Y, Niemi, T & Gumenyuk, R 2019, Analysis of upconversion nanoparticles as an active medium for upconversion light sources. in *Proceedings of SPIE: Optical Components and Materials XVI*. vol. 10914, 109140R, Proceedings of SPIE : the International Society for Optical Engineering, vol. 10914, SPIE - International Society for Optical Engineering, SPIE Photonics West 2019, San Francisco, United States, 2/02/19. <https://doi.org/10.1117/12.2507599>

Jääskeläinen, A, Sillanpää, V & Helander, N 2019, A model for profiling information and knowledge management in the public sector. in *Proceedings of 14th IFKAD 2019 conference: Matera, Italy, 5-7 June*. . Proceedings IFKAD, International Forum on Knowledge Asset Dynamics, 1/01/00.

Almeida, B, Chauhan, V, Kandavalli, V & Ribeiro, A 2019, Mean and variability in RNA polymerase numbers are correlated to the mean but not the variability in size and composition of Escherichia coli cells. in E De Maria, H Gamboa & A Fred (eds), *BIOINFORMATICS 2019 - 10th International Conference on Bioinformatics Models, Methods and Algorithms, Proceedings; Part of 12th International Joint Conference on Biomedical Engineering Systems and Technologies, BIOSTEC 2019*. SCITEPRESS, pp. 226-233, 10th International Conference on Bioinformatics Models, Methods and Algorithms, BIOINFORMATICS 2019 - Part of 12th International Joint Conference on Biomedical Engineering Systems and Technologies, BIOSTEC 2019, Prague, Czech Republic, 22/02/19. <https://doi.org/10.5220/0007456102260233>

Piccardi, A, Perumbilavil, S, Kauranen, M, Strangi, G & Assanto, G 2019, Random lasing control with optical spatial solitons in nematic liquid crystals. in P Ribeiro, M Raposo & D Andrews (eds), *PHOTOPTICS 2019 - Proceedings of the 7th International Conference on Photonics, Optics and Laser Technology*. SCITEPRESS, pp. 289-293, International Conference on Photonics, Optics and Laser Technology, Prague, Czech Republic, 25/02/19. <https://doi.org/10.5220/0007575102890293>

Kahle, H, Penttinen, JP, Phung, HM, Rajala, P, Tukiainen, A, Ranta, S & Guina, M 2019, MECSELS with direct emission in the 760 nm to 810 nm spectral range: A single- and double-side pumping comparison and high-power continuous-wave operation. in U Keller (ed.), *Vertical External Cavity Surface Emitting Lasers (VECSELS) IX.*, 109010D, Proceedings of SPIE - The International Society for Optical Engineering, vol. 10901, SPIE, IEEE, Vertical External Cavity Surface Emitting Lasers, San Francisco, United States, 5/02/19. <https://doi.org/10.1117/12.2512111>

Mereuta, A, Nechay, K, Caliman, A, Suruceanu, G, Gallo, P, Guina, M & Kapon, E 2019, 1.55- $\mu\text{m}$  wavelength wafer-fused OP-VECSELS in flip-chip configuration. in U Keller (ed.), *Vertical External Cavity Surface Emitting Lasers (VECSELS) IX.*, 1090103, Proceedings of SPIE - The International Society for Optical Engineering, vol. 10901, SPIE, IEEE, Vertical External Cavity Surface Emitting Lasers, San Francisco, United States, 5/02/19. <https://doi.org/10.1117/12.2508342>

Taibi, D & Systä, K 2019, From monolithic systems to microservices: A decomposition framework based on process mining. in D Ferguson, VM Munoz, M Helfert & C Pahl (eds), *CLOSER 2019 - Proceedings of the 9th International Conference on Cloud Computing and Services Science*. SCITEPRESS, pp. 153-164, International Conference on Cloud Computing and Services Science, Heraklion, Crete, Greece, 2/05/19. <https://doi.org/10.5220/0007755901530164>

Yadav, A, Chichkov, NB, Gumenyuk, R, Zherebtsov, E, Melkumov, MA, Yashkov, MV, Dianov, EM & Rafailov, EU 2019, 405-nm pumped Ce<sup>3+</sup>-doped silica fiber for broadband fluorescence from cyan to red. in MJF Digonnet & S Jiang (eds), *Optical Components and Materials XVI.*, 1091406, Proceedings of SPIE - The International Society for Optical Engineering, vol. 10914, SPIE, IEEE, Optical Components and Materials, San Francisco, United States, 4/02/19. <https://doi.org/10.1117/12.2509599>

Radevici, I, Sadi, T, Tripurari, T, Tiira, J, Ranta, S, Tukiainen, A, Guina, M & Oksanen, J 2019, Observation of local electroluminescent cooling and identifying the remaining challenges. in DV Seletskiy, RI Epstein & M Sheik-Bahae (eds), *Photonic Heat Engines: Science and Applications.*, 109360A, Proceedings of SPIE - The International Society for Optical Engineering, vol. 10936, SPIE, IEEE, Photonic Heat Engines: Science and Applications, San Francisco, United States, 3/02/19. <https://doi.org/10.1117/12.2505814>

Viheriälä, J, Tuorila, H, Zia, N, Cherchi, M, Aalto, T & Guina, M 2019, 1.3µm U-bend traveling wave SOA devices for high efficiency coupling to silicon photonics. in GT Reed & AP Knights (eds), *Silicon Photonics XIV.*, 109230E, Proceedings of SPIE - The International Society for Optical Engineering, vol. 10923, SPIE, IEEE, Silicon Photonics, San Francisco, United States, 4/02/19. <https://doi.org/10.1117/12.2505935>

Tiitola, V, Korhonen, T, Laine, T & Lyly-Yrjänäinen, J 2019, Dynamics of value in technology inspired value co-creation: Case in homecare value network. in *14th IFKAD 2019 Proceedings: 5-7 June 2019, Matera, Italy*. PROCEEDINGS IFKAD, IKAM Centro Studi & Ricerche, International Forum on Knowledge Asset Dynamics, 1/01/00.

Ainasoja, AE, Pertuz, S & Kämäräinen, J-K 2019, Smartphone teleoperation for self-balancing telepresence robots. in A Kerren, C Hurter & J Braz (eds), *VISIGRAPP 2019 - Proceedings of the 14th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications*. SCITEPRESS, pp. 561-568, International Conference on Computer Vision Theory and Applications, Prague, Czech Republic, 25/02/19. <https://doi.org/10.5220/0007406405610568>

Qian, Y, Pertuz, S, Nikkanen, J, Kämäräinen, J-K & Matas, J 2019, Revisiting gray pixel for statistical illumination estimation. in A Kerren, C Hurter & J Braz (eds), *VISIGRAPP 2019 - Proceedings of the 14th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications*. SCITEPRESS, pp. 36-46, International Conference on Computer Vision Theory and Applications, Prague, Czech Republic, 25/02/19. <https://doi.org/10.5220/0007406900360046>

Zakeri, FS, Bätz, M, Jaschke, T, Keinert, J & Chuchvara, A 2019, Benchmarking of several disparity estimation algorithms for light field processing. in S Bazeille, N Verrier & C Cudel (eds), *Fourteenth International Conference on Quality Control by Artificial Vision.*, 111721C, Proceedings of SPIE - The International Society for Optical Engineering, vol. 11172, SPIE, IEEE, International Conference on Quality Control by Artificial Vision, Mulhouse, France, 15/05/19. <https://doi.org/10.1117/12.2521747>

Georgiev, GY, Aho, T, Kesseli, J, Yli-Harja, O & Kauffman, SA 2019, Action and power efficiency in self-organization: The case for growth efficiency as a cellular objective in escherichia coli. in CL Flores Martinez, GY Georgiev, JM Smart & ME Price (eds), *Evolution, Development and Complexity - Multiscale Evolutionary Models of Complex Adaptive Systems*. Springer Proceedings in Complexity, Springer, pp. 229-244, Conference on Complex Systems, Cancun, Mexico, 17/09/17. [https://doi.org/10.1007/978-3-030-00075-2\\_8](https://doi.org/10.1007/978-3-030-00075-2_8)

Chetan Kumar, V, Shiva Prakash, SP & Balandin, S 2018, Performance Enhancement Of Optimized Link State Routing Protocol For Health Care Applications In Wireless Body Area Networks. in *2018 23rd Conference of Open Innovations Association (FRUCT)*. IEEE, pp. 195-203, Conference of the Open Innovations Association FRUCT, 1/01/00. <https://doi.org/10.23919/FRUCT.2018.8588070>

- Kirjavainen, J, Mäkinen, S & Sommarberg, M 2018, The Effects of Product Line Length on Firm Performance. in *2018 Portland International Conference on Management of Engineering and Technology (PICMET)*. IEEE, Portland International Conference on Management of Engineering and Technology, 1/01/00. <https://doi.org/10.23919/PICMET.2018.8481780>
- Majuri, M & Lanz, M 2018, Social capital characteristics in RD project networks. in *2018 Portland International Conference on Management of Engineering and Technology (PICMET)*., 8481775, IEEE, Portland International Conference on Management of Engineering and Technology, 1/01/00. <https://doi.org/10.23919/PICMET.2018.8481775>
- Sommarberg, M & Mäkinen, S 2018, Technopreneurial Characteristics Rising from the Ashes of Creative Destruction. in *Proceedings in 2018 Portland International Conference in Management and Engineering (PICMET): (PICMET) 19-23 August 2018*. IEEE, pp. 1-10, Portland International Conference on Management of Engineering and Technology, 1/01/00 . <https://doi.org/10.23919/PICMET.2018.8481846>
- Monakhov, D, Naik, D, Curcio, IDD & Toukoma, H 2018, Analysis of User Exploration Patterns during Scene Cuts in Omnidirectional Videos. in *SMPTE 2018*. SMPTE, SMPTE Annual Technical Conference & Exhibition, 1/01/00. <https://doi.org/10.5594/M001845>
- Kekonen, A, Bergelin, M, Eriksson, J-E, Vesa, M, Johansson, M & Viik, J 2018, Long-term monitoring of acute wound healing from beneath the primary wound dressings. in *2018 16th Biennial Baltic Electronics Conference (BEC)*. IEEE, Biennial Baltic Electronics Conference, 1/01/00. <https://doi.org/10.1109/BEC.2018.8600956>
- Ahmed, S, Musfequr Rehman, SM, Ukkonen, L & Björninen, T 2018, Glove-integrated slotted patch antenna for wearable UHF RFID reader. in *2018 IEEE International Conference on RFID Technology & Application (RFID-TA)*. IEEE, IEEE International Conference on RFID-Technologies and Applications, 1/01/00. <https://doi.org/10.1109/RFID-TA.2018.8552817>
- Pournoori, N, Khan, W, Ukkonen, L & Björninen, T 2018, RF energy harvesting system with RFID-enabled charge storage monitoring. in *2018 IEEE International Conference on RFID Technology & Application (RFID-TA)*. IEEE, IEEE International Conference on RFID-Technologies and Applications, 1/01/00. <https://doi.org/10.1109/RFID-TA.2018.8552826>
- Qureshi, S, Björninen, T & Virkki, J 2018, Referenced backscattering compression level indicator based on passive UHF RFID tags. in *2018 IEEE International Conference on RFID Technology & Application (RFID-TA)*. IEEE, IEEE International Conference on RFID - Technology and Applications, Macao, China, 26/09/18. <https://doi.org/10.1109/RFID-TA.2018.8552830>
- Ortombina, L, Liegmann, E, Karamanakos, P, Tinazzi, F, Zigliotto, M & Kennel, R 2018, Constrained Long-Horizon Direct Model Predictive Control for Synchronous Reluctance Motor Drives. in *2018 IEEE 19th Workshop on Control and Modeling for Power Electronics, COMPEL 2018*., 8460173, IEEE, IEEE Workshop on Control and Modeling for Power Electronics, Padova, Italy, 25/06/18. <https://doi.org/10.1109/COMPEL.2018.8460173>
- Schwarz, S, Hannuksela, MM, Fakour-Sevom, V & Sheikhi-Pour, N 2018, 2D Video Coding of Volumetric Video Data. in *2018 Picture Coding Symposium, PCS 2018 - Proceedings*., 8456265, IEEE, pp. 61-65, Picture Coding Symposium, San Francisco, United States, 24/06/18. <https://doi.org/10.1109/PCS.2018.8456265>
- Taivalsaari, A, Mikkonen, T, Systä, K & Pautasso, C 2018, Web User Interface Implementation Technologies: An Underview. in *14th International Conference on Web Information Systems and Technologies*. SCITEPRESS, pp. 127-136, International Conference on Web Information Systems and Technologies, 18/09/18. <https://doi.org/10.5220/0006885401270136>
- Jokinen, J, Kanerva, M & Saarela, O 2018, Multi-site delamination analysis using virtual crack closure technique for a composite aircraft wing flap. in *31st Congress of the International Council of the Aeronautical Sciences (Proceedings): Belo Horizonte, Brazil September 9-14, 2018*. ICAS Press, INTERNATIONAL COUNCIL OF THE AERONAUTICAL SCIENCES CONGRESS, 1/01/00.

Chen, X, He, H, Ukkonen, L, Virkki, J, Xu, J, Wang, T & Cheng, L 2018, Fabrication and Practical Evaluation of Glove-integrated Passive UHF RFID Tags. in *2018 IEEE International Conference on RFID Technology Application (RFID-TA)*. IEEE, IEEE International Conference on RFID-Technologies and Applications, 1/01/00. <https://doi.org/10.1109/RFID-TA.2018.8552814>

Kallonen, A, Nieminen, H, Das, S & Sallinen, R 2018, Comparison of food frequency questionnaire data and shopping records for the assessment of food intake. in *Proceedings of Seventh International Conference on Well-Being in the Information Society: Fighting Inequalities (WIS 2018)*. TUCS Lecture Notes, vol. 28, pp. 25-30, International Conference on Well-Being in the Information Society, 27/09/18.

Geng, J, Li, H, Liu, Y, Liu, Y, Kashef, M, Candell, R & Bhattacharyya, SS 2018, Model-based cosimulation for industrial wireless networks. in *WFCS 2018 - 2018 14th IEEE International Workshop on Factory Communication Systems*. IEEE, pp. 1-10, IEEE International Workshop on Factory Communication Systems, 1/01/00. <https://doi.org/10.1109/WFCS.2018.8402343>

Koponen, P, Hanninen, S, Mutanen, A, Koskela, J, Rautiainen, A, Järventausta, P, Niska, H, Kolehmainen, M & Koivisto, H 2018, Improved modelling of electric loads for enabling demand response by applying physical and data-driven models: Project Response. in *2018 IEEE International Energy Conference, ENERGYCON 2018*. IEEE, pp. 1-6, IEEE International Energy Conference, Limassol, Cyprus, 3/06/18. <https://doi.org/10.1109/ENERGYCON.2018.8398794>

Momeni, K & Martinsuo, M 2018, Moving toward integrated solutions in project-based firms: Changes in sales practices. in *Proceedings of EURAM18 European Academy of Management conference 2018*. EURAM conference, European Academy of Management, EURAM, EURAM European Academy of Management Conference, 19/06/18.

Madhala, P, Jussila, J, Aramo-Immonen, H & Suominen, A 2018, Systematic literature review on customer emotions in social media. in V Cunnane & N Corcoran (eds), *ECSM - Proceedings of the 5th European Conference on Social Media*. Limerick, Ireland, European Conference on Social Media, 1/01/00.

Chen, X, He, H, Ukkonen, L, Virkki, J, Lu, Y & Lam, H 2018, Fabrication and reliability evaluation of passive UHF RFID T-shirts. in *2018 IEEE International Workshop on Antenna Technology, iWAT2018 - Proceedings*. IEEE, pp. 1-4, International Workshop on Antenna Technology, 1/01/00. <https://doi.org/10.1109/IWAT.2018.8379146>

Kuula, P, Leppänen, M, Kolisoja, P, Korkiala-Tanttu, L, Sorvari, J & Gustavsson, H 2018, Education on the utilization of secondary materials in earthworks. in P Lahtinen & V Raasakka (eds), *Proceedings of the 10th International Conference on the Environmental and Technical Implications of Construction with Alternative Materials: No Gradle no Grave Circular Economy into practice*. RIL - Finnish Association of Civil Engineers, pp. 177-187, International Conference on the Environmental and Technical Implications of Construction with Alternative Materials, United Kingdom, 1/01/00.

Bolla, P & Lohan, E-S 2018, Dual-frequency signal processing architecture for robust and precise positioning applications. in *2018 IEEE/ION Position, Location and Navigation Symposium, PLANS 2018*. IEEE, pp. 72-80, IEEE/ION POSITION LOCATION AND NAVIGATION SYMPOSIUM, 1/01/00. <https://doi.org/10.1109/PLANS.2018.8373367>

Sillberg, P 2018, Toward Manageable Data Sources. in T Endrjukaite, H Kangassalo, B Thalheim & Y Kiyoki (eds), *EJC 2018: Proceedings of the 28th International Conference on Information Modelling and Knowledge Bases*. Transport and Telecommunication Institute, pp. 485-494, International conference on information modelling and knowledge bases, 1/01/00.

Martinsuo, M & Vaittinen, E 2018, Industrial customers' organizational readiness for service innovations: Adopting data-based advanced services. in *Proceedings of the 25th Innovation and Product Development Management Conference*. International Product Development Management Conference, European Institute for Advanced Studies in Management, EIASM, Innovation and Product Development Management Conference, 10/06/18.

Martinsuo, M & Laurila, F 2018, Requirements from industrial internet for innovations in advanced industrial services. in *Proceedings of the 25th Innovation and Product Development Management Conference*. International Product Development Management Conference, European Institute for Advanced Studies in Management, EIASM, Innovation and Product Development Management Conference, 10/06/18.

Martinsuo, M, Vuorinen, L, Killen, C & Laiti, M 2018, Lifecycle-oriented framing of value at the front end of infrastructure projects. in *Proceedings of EURAM18 European Academy of Management conference 2018*. EURAM conference, European Academy of Management, EURAM, EURAM European Academy of Management Conference, 19/06/18.

Ahola, T, Stähle, M & Martinsuo, M 2018, Agency relationships in global project business. in *Proceedings of EURAM18 European Academy of Management conference 2018*. EURAM conference, European Academy of Management, EURAM, EURAM European Academy of Management Conference, 19/06/18.

Ellman, A, Paronen, J, Juuti, TS & Tiainen, T 2018, Re-use of engineering design rationale in Finnish SME project based industry. in *Proceedings of the Design 2018 15th International Design Conference*. The Design Society, pp. 1825-1832, International design conference, 1/01/14. <https://doi.org/10.21278/idc.2018.0363>

Vaittinen, E & Martinsuo, M 2018, Ready to sell? Requirements for promoting service selling in a manufacturing firm. in A Bigdeli, T Frandsen, J Raja & T Baines (eds), *Proceedings of the Spring Servitization Conference, Driving Competitiveness through Servitization, 14-16 May 2018*. Aston University, pp. 26-34, SPRING SERVICIZATION CONFERENCE, 1/01/00.

Lietzen, J, Miettinen, J, Kylliäinen, M & Pajunen, S 2018, Measurements of impact force excitation on wooden floors. in *Proceedings of the 11th European Congress and Exposition on Noise Control Engineering, Euronoise 2018, May 27-31 2018, Hersonissos, Crete, Greece: Reduce Noise to Improve Life, Crete, May 27-31, 2018.*, 272.161, Proceedings : European Conference on Noise Control, European Acoustic Association EAA, Hersonissos, Crete, Greece, pp. 1617-1622, European Congress and Exposition on Noise Control Engineering, 27/05/18.

Lietzen, J & Kylliäinen, M 2018, Finnish Round Robin Test on Airborne Sound Insulation. in *Proceedings of the 11th European Congress and Exposition on Noise Control Engineering, Euronoise 2018, May 27-31 2018, Hersonissos, Crete, Greece: Reduce Noise to Improve Life.*, 282.162, European Congress and Exposition on Noise Control Engineering, European Acoustic Association EAA, Hersonissos, Crete, Greece, pp. 1677-1682, European Congress and Exposition on Noise Control Engineering, 27/05/18.

Noronen, T, Fedotov, A, Rissanen, J, Gumenyuk, R, Butov, O, Chamorovskii, Y, Golant, K, Odnoblyudov, M & Filippov, V 2018, Ultra-large mode area single frequency anisotropic MOPA with double clad Yb-doped tapered fiber. in *Fiber Lasers XV: Technology and Systems.*, 105121T, Proceedings of SPIE, vol. 10512, SPIE, IEEE, Fiber Lasers XV: Technology and Systems 2018, San Francisco, United States, 29/01/18. <https://doi.org/10.1117/12.2288942>

Zhao, Y, Wang, Y, Zhang, X, Mateos, X, Pan, Z, Loiko, P, Zhou, W, Xu, X, Xu, J, Shen, D, Suomalainen, S, Härkönen, A, Guina, M, Griebner, U & Petrov, V 2018, Sub-100 fs pulse generation from a Tm,Ho: CALYO laser mode-locked by a GaSb-based SESAM at ~2043 nm. in *CLEO: Science and Innovations, CLEO\_SI 2018*. OSA - The Optical Society, CONFERENCE ON LASERS AND ELECTRO-OPTICS, 1/01/00. [https://doi.org/10.1364/CLEO\\_SI.2018.SF2N.1](https://doi.org/10.1364/CLEO_SI.2018.SF2N.1)

Suokas, E & Kuusipalo, J 2018, Process time importance in the product properties evolvment during extrusion coating of different LDPE grades. in *15th TAPPI Advanced Coating Fundamentals Symposium 2018: Charlotte; United States; 14 April 2018 through 15 April 2018*. TAPPI Press, pp. 151-159, TAPPI Advanced Coating Fundamentals Symposium, 1/01/00.

Katkovnik, V, Shevkunov, I, Petrov, NV & Eguiazarian, K 2018, Multiwavelength surface contouring from phase-coded diffraction patterns. in *Unconventional Optical Imaging 2018. Strasbourg, France*. vol. 10677, 106771B, Proceedings of SPIE - The International Society for Optical Engineering, vol. 10677, SPIE, Unconventional Optical Imaging, 1/01/00. <https://doi.org/10.1117/12.2306127>

Soltani, A, Curtze, S, Lahti, J, Järvelä, K, Laurikka, J, Hokka, M & Kuokkala, VT 2018, Digital image correlation study of the deformation and functioning of the human heart during open-heart surgery. in *Mechanics of Biological Systems, Materials and other topics in Experimental and Applied Mechanics - Proceedings of the 2017 Annual Conference on Experimental and Applied Mechanics*. vol. 4, Conference Proceedings of the Society for Experimental Mechanics, Springer New York LLC, pp. 19-27, Annual Conference and Exposition on Experimental and Applied Mechanics, 1/01/00. [https://doi.org/10.1007/978-3-319-63552-1\\_4](https://doi.org/10.1007/978-3-319-63552-1_4)

Smith, J, Kuokkala, V-T, Seidt, J & Gilat, A 2018, Internal Heat Generation in Tension Tests of AISI 316 Using Full-Field Temperature and Strain Measurements. in *Advancement of Optical Methods in Experimental Mechanics, Volume 3. Conference Proceedings of the Society for Experimental Mechanics Series*. vol. 3, Conference Proceedings of the Society for Experimental Mechanics, Springer New York LLC, pp. 97-103, Annual Conference on Experimental and Applied Mechanics, 1/01/00. [https://doi.org/10.1007/978-3-319-63028-1\\_16](https://doi.org/10.1007/978-3-319-63028-1_16)

Vazquez Fernandez, N, Isakov, M, Hokka, M & Kuokkala, VT 2018, Effects of adiabatic heating estimated from tensile tests with continuous heating. in *Dynamic Behavior of Materials - Proceedings of the 2017 Annual Conference on Experimental and Applied Mechanics*. vol. 1, Conference Proceedings of the Society for Experimental Mechanics, Springer New York LLC, pp. 1-7, Annual Conference and Exposition on Experimental and Applied Mechanics, 1/01/00. [https://doi.org/10.1007/978-3-319-62956-8\\_1](https://doi.org/10.1007/978-3-319-62956-8_1)

M. Aref, M, Astola, P, Vihonen, J, Tabus, I, Ghabcheloo, R & Mattila, J 2018, Adaptive Feedback in Local Coordinates for Real-time Vision-Based Motion Control Over Long Distances. in *International Conference on Robotics and Mechantronics : (ICRoM 2017)*. vol. 320, 012009, IOP conference series : materials science and engineering, IOP Publishing Ltd., INTERNATIONAL CONFERENCE ON ROBOTICS AND MECHATRONICS, 1/01/00. <https://doi.org/10.1088/1757-899X/320/1/012009>

Niu, L, Suominen, O, M. Aref, M, Mattila, J, Ruiz, E & Esque, S 2018, Eye-in-Hand Manipulation for Remote Handling: Experimental Setup. in *International Conference on Robotics and Mechantronics : (ICRoM 2017)*. vol. 320, 012007, IOP conference series : materials science and engineering, IOP Publishing Ltd., INTERNATIONAL CONFERENCE ON ROBOTICS AND MECHATRONICS, 1/01/00. <https://doi.org/10.1088/1757-899X/320/1/012007>

Stankovic, RS, Astola, J & Moraga, C 2018, Gibbs Dyadic Differentiation on Groups - Evolution of the Concept. in *Computer Aided Systems Theory – EUROCAST 2017 - 16th International Conference, Revised Selected Papers*. Lecture Notes in Computer Science, vol. 10672, Springer Verlag, pp. 229-237, INTERNATIONAL CONFERENCE ON COMPUTER AIDED SYSTEMS THEORY, 1/01/00. [https://doi.org/10.1007/978-3-319-74727-9\\_27](https://doi.org/10.1007/978-3-319-74727-9_27)

Linna, M, Kannala, J & Rahtu, E 2018, Real-time human pose estimation with convolutional neural networks. in *VISIGRAPP 2018 - Proceedings of the 13th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications*. vol. 5, SCITEPRESS, pp. 335-342, INTERNATIONAL CONFERENCE ON COMPUTER VISION THEORY AND APPLICATIONS, 1/01/00. <https://doi.org/10.5220/0006624403350342>

Kart, U, Kämäräinen, JK, Fan, L & Gabbouj, M 2018, Evaluation of visual object trackers on equirectangular panorama. in *VISIGRAPP 2018 - Proceedings of the 13th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications*. vol. 5, SCITEPRESS, pp. 25-32, INTERNATIONAL CONFERENCE ON COMPUTER VISION THEORY AND APPLICATIONS, 1/01/00. <https://doi.org/10.5220/0006526200250032>

Fakour-Sevom, V, Guldogan, E & Kämäräinen, J-K 2018, 360 panorama super-resolution using deep convolutional networks. in *VISIGRAPP 2018 - Proceedings of the 13th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications*. vol. 4, SCITEPRESS, pp. 159-165, INTERNATIONAL CONFERENCE ON COMPUTER VISION THEORY AND APPLICATIONS, 1/01/00. <https://doi.org/10.5220/0006618901590165>

Niemelä, P & Valmari, A 2018, Elementary math to close the digital skills gap. in *CSEDU 2018 - Proceedings of the 10th International Conference on Computer Supported Education*. vol. 2, SCITEPRESS, pp. 154-165, INTERNATIONAL CONFERENCE ON COMPUTER SUPPORTED EDUCATION, 1/01/00. <https://doi.org/10.5220/0006800201540165>

Ainasoja, AE, Hietanen, A, Lankinen, J & Kämäräinen, J-K 2018, Keyframe-based video summarization with human in the loop. in *VISIGRAPP 2018 - Proceedings of the 13th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications*. vol. 4, SCITEPRESS, pp. 287-296, INTERNATIONAL CONFERENCE ON COMPUTER VISION THEORY AND APPLICATIONS, 1/01/00. <https://doi.org/10.5220/0006619202870296>

Yancheshmeh, FS, Chen, K & Kämäräinen, J-K 2018, Hierarchical deformable part models for heads and tails. in *VISIGRAPP 2018 - Proceedings of the 13th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications*. vol. 5, SCITEPRESS, pp. 45-55, INTERNATIONAL CONFERENCE ON COMPUTER VISION THEORY AND APPLICATIONS, 1/01/00. <https://doi.org/10.5220/0006532700450055>



Rosati, P, Fowley, F, Pahl, C, Taibi, D & Lynn, T 2018, Making the cloud work for software producers: Linking architecture, operating cost and revenue. in *CLOSER 2018 - Proceedings of the 8th International Conference on Cloud Computing and Services Science*. SCITEPRESS, pp. 364-375, INTERNATIONAL CONFERENCE ON CLOUD COMPUTING AND SERVICES SCIENCE, 1/01/00. <https://doi.org/10.5220/0006679303640375>

Fang, CY, Vallini, F, Amili, AE, Tukiainen, A, Lyytikäinen, J, Guina, M & Fainman, Y 2018, Development of efficient electrically pumped nanolasers based on InAlGaAs tunnel junction. in *CLEO: Science and Innovations, CLEO\_SI 2018*. OSA - The Optical Society, CONFERENCE ON LASERS AND ELECTRO-OPTICS, 1/01/00. [https://doi.org/10.1364/CLEO\\_SI.2018.SW4Q.4](https://doi.org/10.1364/CLEO_SI.2018.SW4Q.4)

Kantola, E, Penttinen, J-P, Leinonen, T, Ranta, S & Guina, M 2018, Frequency-doubled VECSEL employing a Volume Bragg Grating for linewidth narrowing. in *CLEO: Applications and Technology, CLEO\_AT 2018*. OSA - The Optical Society, CONFERENCE ON LASERS AND ELECTRO-OPTICS, 1/01/00. [https://doi.org/10.1364/CLEO\\_AT.2018.JTu2A.17](https://doi.org/10.1364/CLEO_AT.2018.JTu2A.17)

Zia, N, Viheriälä, J, Koivusalo, E, Aho, A, Suomalainen, S & Guina, M 2018, High performance GaSb superluminescent diodes for tunable light source at 2  $\mu\text{m}$  and 2.55  $\mu\text{m}$ . in *CLEO: Applications and Technology, CLEO\_AT 2018*. OSA - The Optical Society, CONFERENCE ON LASERS AND ELECTRO-OPTICS, 1/01/00. [https://doi.org/10.1364/CLEO\\_AT.2018.JTu2A.28](https://doi.org/10.1364/CLEO_AT.2018.JTu2A.28)

Kantola, E, Leinonen, T, Rantamäki, A, Guina, M, Sirbu, A & Iakovlev, V 2018, Frequency-doubled wafer-fused 638 nm VECSEL with an output power of 5.6 W. in *CLEO: Applications and Technology, CLEO\_AT 2018*. OSA - The Optical Society, CONFERENCE ON LASERS AND ELECTRO-OPTICS, 1/01/00. [https://doi.org/10.1364/CLEO\\_AT.2018.JTu2A.10](https://doi.org/10.1364/CLEO_AT.2018.JTu2A.10)

Kerst, T & Toivonen, J 2018, Alpha radiation induced luminescence in solar blind spectral region. in *CLEO: Applications and Technology, CLEO\_AT 2018*. OSA - The Optical Society, CONFERENCE ON LASERS AND ELECTRO-OPTICS, 1/01/00. [https://doi.org/10.1364/CLEO\\_AT.2018.ATH4O.8](https://doi.org/10.1364/CLEO_AT.2018.ATH4O.8)

Tomberg, T, Vainio, M, Hieta, T & Halonen, L 2018, Sub-parts-per-trillion sensitivity in trace gas detection by cantilever-enhanced photo-acoustic spectroscopy. in *CLEO: Applications and Technology, CLEO\_AT 2018*. OSA - The Optical Society, CONFERENCE ON LASERS AND ELECTRO-OPTICS, 1/01/00. [https://doi.org/10.1364/CLEO\\_AT.2018.ATH1O.8](https://doi.org/10.1364/CLEO_AT.2018.ATH1O.8)

Ryczkowski, P, Närhi, M, Billet, C, Merolla, JM, Dudley, JM & Genty, G 2018, Real-time measurements of nonlinear instabilities in optical fibers. in *CLEO: Applications and Technology, CLEO\_AT 2018*. OSA - The Optical Society, CONFERENCE ON LASERS AND ELECTRO-OPTICS, 1/01/00. [https://doi.org/10.1364/CLEO\\_AT.2018.AF2Q.1](https://doi.org/10.1364/CLEO_AT.2018.AF2Q.1)

Jääskeläinen, A, Schiele, H & Aarikka-Stenroos, L 2018, A social capital perspective on gaining optimal solutions from suppliers as preferred customer. in *Academy of Management Proceedings*. 1 edn, vol. 2018, Academy of Management Proceedings, no. 1, vol. 2018, Academy of Management AOM, Annual meeting of the Academy of Management, 10/08/18. <https://doi.org/10.5465/AMBPP.2018.16278abstract>

Karioja, P, Alajoki, T, Cherchi, M, Ollila, J, Harjanne, M, Heinilehto, N, Suomalainen, S, Zia, N, Tuorila, H, Viheriälä, J, Guina, M, Buczynski, R, Kasztelanic, R, Salo, T, Virtanen, S, Kluczynski, P, Borgen, L, Ratajczyk, M & Kalinowski, P 2018, Integrated multi-wavelength mid-IR light source for gas sensing. in *Next-Generation Spectroscopic Technologies XI*, 106570A, SPIE Conference Proceedings, vol. 10657, SPIE, IEEE, Next-Generation Spectroscopic Technologies, Orlando, United States, 16/04/18. <https://doi.org/10.1117/12.2305712>

Kelo, T, Eronen, J & Rousku, K 2018, Model for efficient development of security audit criteria. in *Proceedings of the 17th European Conference on Cyber Warfare and Security, ECCWS 2018*. Curran Associates, pp. 244-252, European Conference on Cyber Warfare and Security, Oslo, Norway, 28/06/18.

- Mateos, X, Loiko, P, Lamrini, S, Scholle, K, Fuhrberg, P, Suomalainen, S, Härkönen, A, Guina, M, Vatnik, S, Vedin, I, Aguiló, M, Díaz, F, Wang, Y, Griebner, U & Petrov, V 2018, Highly-efficient Ho:KY(WO<sub>4</sub>)<sub>2</sub> thin-disk lasers at 2.06 μm. in *Pacific-Rim Laser Damage 2018: Optical Materials for High-Power Lasers.*, 107130J, Proceedings of SPIE, vol. 10713, SPIE, IEEE, Pacific-Rim Laser Damage, Yokohama, Japan, 24/04/18. <https://doi.org/10.1117/12.2316822>
- Halbach, E, Kolu, A & Ghabcheloo, R 2018, Automated pile transfer work cycles with a robotic wheel loader. in K Mela, S Pajunen & V Raasakka (eds), *17th International Conference on Computing in Civil and Building Engineering (ICCCBE): Tampere, 5-7 June 2018*. RIL, Tampere, Finland, INTERNATIONAL CONFERENCE ON COMPUTING IN CIVIL AND BUILDING ENGINEERING, 1/01/00.
- Schelkens, P, Alpaslan, Z, Ebrahimi, T, Pereira, F, Pinheiro, A, Tabus, I & Chen, Z 2018, JPEG Pleno: a standard framework for representing and signaling plenoptic modalities. in *SPIE Proceedings Volume 10752: Applications of Digital Image Processing XLI*. vol. 10752, SPIE Conference Proceedings, SPIE, SPIE Optical Engineering + Applications, 1/01/00.
- Kangas, J & Poutanen, J 2018, Underpinning Interrelated Factors of Physical, Virtual, and Social Learning Environments. in *ICERI2018 Proceedings*. ICERI proceedings, pp. 8087-8096, Annual International Conference of Education, Research and Innovation, 12/11/18. <https://doi.org/10.21125/iceri.2018.0459>
- Uotila, U, Saari, A & Junnonen, J-M 2018, Laser Scanning Tasks of Building Refurbishment Project. in *Proceedings of the 17th International Conference on Computing in Civil and Building Engineering (ICCCBE)*. INTERNATIONAL CONFERENCE ON COMPUTING IN CIVIL AND BUILDING ENGINEERING, 1/01/00.
- Taibi, D, Lenarduzzi, V & Pahl, C 2018, Architectural patterns for microservices: A systematic mapping study. in *CLOSER 2018 - Proceedings of the 8th International Conference on Cloud Computing and Services Science*. SCITEPRESS, pp. 221-232, International Conference on Cloud Computing and Services Science, Funchal, Madeira, Portugal, 19/03/18. <https://doi.org/10.5220/0006798302210232>
- Voronin, V, Pismenskova, M, Zelensky, A, Cen, Y, Nadykto, A & Egjazarian, K 2018, Action recognition using the 3D dense microblock difference. in *Counterterrorism, Crime Fighting, Forensics, and Surveillance Technologies II.*, 108020O, Proceedings of SPIE, vol. 10802, SPIE, Counterterrorism, Crime Fighting, Forensics, and Surveillance Technologies, Berlin, Germany, 10/09/18. <https://doi.org/10.1117/12.2326801>
- Brobbey, KJ, Haapanen, J, Gunell, M, Mäkelä, JM, Eerola, E, Saarinen, JJ & Toivakka, M 2018, High-speed manufacturing of antimicrobial paper. in *Paper Conference and Trade Show, PaperCon 2018*. TAPPI Press, pp. 564-566, TAPPI Paper Conference and Trade Show, Charlotte, United States, 15/04/18.
- Raunio, J-P, Makela, I, Mäntylä, M & Ritala, R 2018, Evaluating the contrast of planar periodic patterns on paper. in *Paper Conference and Trade Show, PaperCon 2018*. TAPPI Press, pp. 294-302, TAPPI Paper Conference and Trade Show, Charlotte, United States, 15/04/18.
- Fedotov, A, Noronen, T, Rissanen, J, Gumenyuk, R, Petrov, A, Chamorovskii, Y, Golant, K, Odnoblyudov, M & Filippov, V 2018, High power picosecond MOPA with anisotropic ytterbium-doped tapered double-clad fiber. in S Taccheo, JI Mackenzie & M Ferrari (eds), *Proceedings of SPIE : Fiber Lasers and Glass Photonics: Materials through Applications*. vol. 10683, Proceedings of SPIE, vol. 10683, SPIE-INT SOC OPTICAL ENGINEERING, Conference on Fiber Lasers and Glass Photonics - Materials through Applications, Strasbourg, France, 22/04/18. <https://doi.org/10.1117/12.2307693>
- Bambach, P, Deller, J, Martel, J, Vilenius, E, Goldberg, H, Sorsa, L-I, Pursiainen, S, Takala, M, Wurster, A, Braun, HM, Lentz, H, Jutzi, M, Wittig, M, Chitu, CC, Ritter, B & Karatekin, O 2018, What's inside a rubble pile asteroid? DiSCUS - A tomographic twin radar Cubesat to find out. in *69th International Astronautical Congress, IAC 2018*. Proceedings of the International Astronautical Congress, IAC, International Astronautical Congress, Bremen, Germany, 1/10/18.
- Sommarberg, M & Mäkinen, S 2017, Mechanisms of disruptive technological change: Case studies in transformation of traditional industries . in *Proceedings in 2017 Portland International Conference in Management and Engineering (PICMET): (PICMET) 9-13 July 2017*. IEEE, pp. 1-10, Portland International Conference on Management of Engineering and Technology, 1/01/00. <https://doi.org/10.23919/PICMET.2017.8125297>

- Solomitchii, D, Semkin, V, Naderpour, R, Ometov, A & Andreev, S 2017, Comparative evaluation of radio propagation properties at 15 GHz and 60 GHz frequencies. in *2017 9th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT)*. IEEE, pp. 91-95, International Conference on Ultra Modern Telecommunications and Control Systems and Workshops, 1/01/00. <https://doi.org/10.1109/ICUMT.2017.8255207>
- Burkov, A, Matveev, N, Turlikov, A, Bulanov, A, Gahnina, O & Andreev, S 2017, Upper bound and approximation of random access throughput over chase combining HARQ. in *2017 9th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT)*. IEEE, pp. 143-147, International Conference on Ultra Modern Telecommunications and Control Systems and Workshops, 1/01/00. <https://doi.org/10.1109/ICUMT.2017.8255206>
- Ometov, A & Bezzateev, S 2017, Multi-factor authentication: A survey and challenges in V2X applications. in *2017 9th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT)*. IEEE, pp. 129-136, International Conference on Ultra Modern Telecommunications and Control Systems and Workshops, 1/01/00. <https://doi.org/10.1109/ICUMT.2017.8255200>
- Ma, S, Ukkonen, L, Sydänheimo, L & Björninen, T 2017, Wearable e-textile split ring passive UHF RFID tag: Body-worn performance evaluation. in *2017 IEEE Asia Pacific Microwave Conference (APMC)*. IEEE, ASIA-PACIFIC MICROWAVE CONFERENCE, 1/01/00.
- Peng, Z, Richter, P, Leppäkoski, H & Lohan, E-S 2017, Analysis of Crowdsensed WiFi Fingerprints for Indoor Localization . in *Proceedings of the 21st Conference of Open Innovations Association FRUCT*. FRUCT, Helsinki, Finland, pp. 268-277, Proceedings of Conference of Open Innovations Association FRUCT, 1/01/00.
- Viheriäkoski, T, Kärjä, E, Gärtner, R & Tamminen, P 2017, Electrostatic discharge characteristics of conductive polymers. in *Electrical Overstress/Electrostatic Discharge Symposium Proceedings 2017, EOS/ESD 2017*. ESD Association, Electrical Overstress/Electrostatic Discharge Symposium, 1/01/00.
- Viheriäkoski, T, Jokinen, V, Smallwood, J, Korpipää, A & Tamminen, P 2017, Qualification challenges of footwear and flooring systems. in *Electrical Overstress/Electrostatic Discharge Symposium Proceedings 2017, EOS/ESD 2017*. ESD Association, Electrical Overstress/Electrostatic Discharge Symposium, 1/01/00.
- Müller, P, Lekkala, J, Ali-Löytty, S & Piche, R 2017, Indoor Localisation using Aroma Fingerprints: A First Sniff. in *2017 14th Workshop on Positioning, Navigation and Communications (WPNC)*. IEEE, Bremen, Germany, WORKSHOP ON POSITIONING, NAVIGATION AND COMMUNICATION, 1/01/00. <https://doi.org/10.1109/WPNC.2017.8250046>
- Kiili, K, Ojansuu, K, Lindstedt, A & Ninaus, M 2017, Rational Number Knowledge Assessment and Training With a Game Competition. in *Proceedings of The 11th European Conference on Game-Based Learning ECGBL 2017*. Academic Conferences and Publishing International Limited, pp. 320-327, EUROPEAN CONFERENCE ON GAMES-BASED LEARNING, 1/01/00.
- Virkki, J, Chen, X, Björninen, T & Ukkonen, L 2017, Embroidered antennas and antenna-electronics interfaces for wearable RFID tags. in *IMWS-AMP 2017 International Microwave Workshop Series on Advanced Materials and Processes*. IEEE, IEEE International Microwave Workshop Series on RF and Wireless Technologies for Biomedical and Healthcare Applications, 1/01/14. <https://doi.org/10.1109/IMWS-AMP.2017.8247437>
- Suominen, AH & Mäenpää, S 2017, Knowledge sharing in knowledge collectivity: case digitalization in industrial network. in F Marimon, M Mas-Machuca, J Berbegal-Mirabent & R Bastida (eds), *Proceedings of the 18th European Conference on Knowledge Management ECKM 2017: 7-8 September 2017, Barcelona, Spain*. Academic Conferences and Publishing International, pp. 956-963, European conference on knowledge management, 1/01/00.
- Mohamed Bahrudeen, M & S. Ribeiro, A 2017, Tuning extrinsic noise effects on a small genetic circuit. in *Proceedings of ECAL 2017: 14th European Conference on Artificial Life*. Massachusetts Institute of Technology, EUROPEAN CONFERENCE ON ARTIFICIAL LIFE, 1/01/00. [https://doi.org/10.7551/ecal\\_a\\_075](https://doi.org/10.7551/ecal_a_075)

Mäntysalo, M, Vuorinen, T, Jeyhani, V & Vehkaoja, A 2017, Printed soft-electronics for remote body monitoring. in *Hybrid Memory Devices and Printed Circuits 2017: SPIE Organic Photonics + Electronics | 6-10 August 2017*. SPIE Conference Proceedings, vol. 10366, SPIE, SPIE Organic Photonics + Electronics, 1/01/00. <https://doi.org/10.1117/12.2275606>

Jussila, J, Menon, K, Gupta, J & Kärkkäinen, H 2017, Who is who in Big Social Data? A Bibliographic Network Analysis Study. in *Proceedings of the 4th European Conference on Social Media ECSM 2017*. vol. 4, Academic Conferences and Publishing International Limited, Reading, UK, pp. 161-169, European Conference on Social Media, 1/01/00.

Saari, M, Mäkinen, T & Linna, P 2017, Applying third-party moocs in programming education: a case study. in *9th International Conference on Education and New Learning Technologies: 3-5 July, 2017 Barcelona, Spain*. IATED, Barcelona, Spain, pp. 53-59, International Conference on Education and New Learning Technologies, 1/01/00. <https://doi.org/10.21125/edulearn.2017.1014>

Filanovsky, I & Tchamov, N 2017, Maximally Flat Property and Bandwidth Enhancing by Transfer Function Zeroes IEEE-NewCAS France. in *2017 15th IEEE International New Circuits and Systems Conference (NEWCAS)*. IEEE, IEEE International New Circuits and Systems Conference, 1/01/00. <https://doi.org/10.1109/NEWCAS.2017.8010113>

Riihonen, T, Korpi, D, Rantula, O & Valkama, M 2017, On the prospects of full-duplex military radios. in *2017 International Conference on Military Communications and Information Systems, ICMCIS 2017*. IEEE, International Conference on Military Communications and Information Systems, 1/01/00. <https://doi.org/10.1109/ICMCIS.2017.7956490>

Rytöluoto, I, Ritamäki, M, Gitsas, A, Pasanen, S & Lahti, K 2017, Morphology Development, Structure and Dielectric Properties of Biaxially Oriented Polypropylene. in *25th Nordic Insulation Symposium on Materials, Components and Diagnostics*. Proceeding of the Nordic Insulation Symposium, no. 25, Nordic Insulation Symposium, 1/01/00.

Kontinen, J, Kramb, J, DeMartini, N & Gomez-Barea, A 2017, The role of inorganics in modelling of biomass gasification. in L Ek, H Ernrooth, N Scarlat, A Grassi & P Helm (eds), *EUBCE 2017 Online Conference Proceedings*. European biomass conference and exhibition proceedings, ETA-Florence Renewable Energies, pp. 443-447, EUROPEAN BIOMASS CONFERENCE AND EXHIBITION PROCEEDINGS, 1/01/00. <https://doi.org/10.5071/25thEUBCE2017-2BO.6.4>

Laihonen, H, Sillanpää, V & Vuolle, M 2017, Managing intellectual liabilities by service recovery. in G Schiuma, JC Spender & T Garvilova (eds), *Proceedings IFKAD 2017, 12th International Forum on Knowledge Asset Dynamics: Knowledge Management in the 21st Century: Resilience, Creativity and Co-creation, 7-9 Jun 2017, St. Petersburg, Russia..* Proceedings IFKAD, IKAM - Insitute of Knowledge Asset Management, pp. 1570-1583, International Forum on Knowledge Asset Dynamics, 1/01/00.

Aramo-Immonen, H, Vartio, M & Jussila, J 2017, If you know social media, you see opportunities.... in *12th International Forum on Knowledge Asset Dynamics: Knowledge Management in the 21th Century: Resilience, Creativity and Co-creation*. vol. 12, pp. 575-584, International Forum on Knowledge Asset Dynamics, 1/01/00.

Jussila, JJ, Mustafee, N, Aramo-Immonen, H, Menon, K, Hajikhani, A & Helander, N 2017, A bibliometric study on authorship trends and research themes in knowledge management literature. in *12th International Forum on Knowledge Asset Dynamics, St. Petersburg, Russia 7-9 June 2017: Knowledge Management in the 21th Century: Resilience, Creativity and Co-creation*. vol. 12, St. Petersburg, Russia, pp. 389-397, International Forum on Knowledge Asset Dynamics, 1/01/00.

Väyrynen, H & Manu, M 2017, Why don't one maximizes database utilization in product and service development in manufacturing? in *Proceedings of the 12th International Forum on Knowledge Asset Dynamics 2017: St. Petersburg, Russia, 7-9 June 2017*. Proceedings IFKAD, St. Petersburg, Russia , pp. 93-105, International Forum on Knowledge Asset Dynamics, 1/01/00.

Ketonen-Oksi, S & Jalonen, H 2017, Advocate, jester, spokesperson, provocateur and boundary spanner? Exploring different communication styles at twitter. in *12th Conference proceedings of IFKAD2017: St.Petersburg, Russia, 7-9 June 2017*. Proceedings IFKAD, International Forum on Knowledge Asset Dynamics, 1/01/00.

Helander, N, Sillanpää, V, Vuori, V & Uusitalo, O 2017, Customer Perceived Value - A Key in Marketing of Integrated Solutions. in A Kavoura, D Sakas & P Tomaras (eds), *The 5th International Conference on Strategic Innovative Marketing., At Athens, Greece, Volume: 5: September 23-26, 2016*. Springer Proceedings in Business and Economics, Springer, pp. 37-42, International conference on strategic innovative marketing, 8/12/16. [https://doi.org/10.1007/978-3-319-56288-9\\_6](https://doi.org/10.1007/978-3-319-56288-9_6)

Jussila, J, Vuori, V, Okkonen, J & Helander, N 2017, Reliability and Perceived Value of Sentiment Analysis for Twitter Data. in A Kavoura, D Sakas & P Tomaras (eds), *5th International Conference on Strategic Innovative Marketing, At Athens, Greece, September 23-26, 2016*. Springer Proceedings in Business and Economics, Springer, pp. 43-48, International conference on strategic innovative marketing, 8/12/16. [https://doi.org/10.1007/978-3-319-56288-9\\_7](https://doi.org/10.1007/978-3-319-56288-9_7)

Jussila, J, Boedeker, M, Jalonen, H & Helander, N 2017, Social Media Analytics Empowering Customer Experience Insight. in A Kavoura, D Sakas & P Tomaras (eds), *5th International Conference on Strategic Innovative Marketing, Volume: 5: September 23-26, 2016 At Athens, Greece*. Springer Proceedings in Business and Economics, Springer, pp. 25-30, International conference on strategic innovative marketing, 8/12/16.

Vuorinen, L & Martinsuo, M 2017, Managing different types of changes during the lifecycle of a complex delivery project. in *The 2017 European Academy of Management (EURAM) Conference: Glasgow, Scotland, 21-24 June, 2017*. EURAM, EURAM conference, 28/08/17.

Eteläaho, A, Soini, J, Jaakkola, H & Mattila, A-L 2017, Visual Data Mining in Software Repositories: A Survey. in V Sornlertlamvanich, P Chawakitchareon, A Hansuebsai, C Koopipat, Y Kiyoki, H Jaakkola, B Thalheim & N Yoshida (eds), *The Proceedings of the 27th International Conference on Information Modelling and Knowledge Bases*. Sirindhorn International Institute of Technology, Thammasat University, Thailand, pp. 367-385, International conference on information modelling and knowledge bases, 1/01/00.

Jaakkola, H & Thalheim, B 2017, Culture-Aware Web Information Systems in Dependence of Context. in V Sornlertlamvanich, P Chawakitchareon, A Hansuebsai, C Koopipat, Y Kiyoki, H Jaakkola, B Thalheim & N Yoshida (eds), *The Proceedings of the 27th International Conference on Information Modelling and Knowledge Bases*. Sirindhorn International Institute of Technology, Thammasat University, Thailand, pp. 309-331, International conference on information modelling and knowledge bases, 1/01/00.

Valmari, A & Hella, L 2017, The logics taught and used at high schools are not the same. in J Karhumäki, Y Matiyasevich & A Saarela (eds), *Proceedings of the Fourth Russian Finnish Symposium on Discrete Mathematics*. TUCS Lecture Notes, no. 26, TURKU CENTRE FOR COMPUTER SCIENCE, Turku, pp. 172-186, Fourth Russian Finnish Symposium on Discrete Mathematics, Turku, Finland, 16/05/17.

Asp, O & Laaksonen, A 2017, Instrumentation and monitoring of large-span culvert built under a railway, in Finland. in A Madaj & I Jankowiak (eds), *Archives of Institute of Civil Engineering: 3rd European Conference on Buried Flexible Steel Structures, Rydzyna, Poland, 24-25 April 2017*. 23 edn, vol. 2017, Wydawnictwo Politechniki Poznanskiej, Poznan, pp. 53-60, European Conference on Buried Flexible Steel Structures, 11/12/17. <https://doi.org/10.21008/j.1897-4007.2017.23.05>

Zare, A, Sreedhar, KK, Vadakital, VKM, Aminlou, A, Hannuksela, MM & Gabbouj, M 2017, HEVC-compliant viewport-adaptive streaming of stereoscopic panoramic video. in *2016 Picture Coding Symposium, PCS 2016*. IEEE, Picture Coding Symposium, 1/01/00. <https://doi.org/10.1109/PCS.2016.7906401>

Olshannikova, E, Ometov, A, Anagnostaki, T, Hasan, N, Kuketaeva, A, Ahtinen, A, Olsson, T & Koucheryavy, Y 2017, Towards better knowledge work experiences with new Ambient workspace: Concept and prototype. in *Proceedings of the 19th Conference of Open Innovations Association, FRUCT 2016*. IEEE COMPUTER SOCIETY PRESS, pp. 173-181, Conference of the Open Innovations Association FRUCT, 1/01/00. <https://doi.org/10.23919/FRUCT.2016.7892198>

Khan, MWA, Björninen, T, Sydänheimo, L & Ukkonen, L 2017, Wirelessly powered implantable system for wireless long-term monitoring of intracranial pressure. in *Proceedings of IEEE 2017 International Workshop on Antenna Technology*. IEEE, pp. 122-124, INTERNATIONAL WORKSHOP ON ANTENNA TECHNOLOGY, 1/01/00. <https://doi.org/10.1109/IWAT.2017.7915334>

Brechet, N, Ginestet, G, Moradi, E, Ukkonen, L, Torres, J, Björninen, T & Virkki, J 2017, Cost- and time-effective sewing patterns for embroidered passive UHF RFID tags. in *Proceedings of IEEE 2017 International Workshop on Antenna Technology*. IEEE, pp. 30-33, INTERNATIONAL WORKSHOP ON ANTENNA TECHNOLOGY, 1/01/00. <https://doi.org/10.1109/IWAT.2017.7915289>

Viheriälä, J, Aho, A, Virtanen, H, Koskinen, M, Dumitrescu, M & Guina, M 2017, 1180 nm GaInNAs quantum well based high power DBR laser diodes. in MS Zediker (ed.), *High-Power Diode Laser Technology XV.*, 100860K, Proceedings of SPIE, vol. 10086, SPIE, SPIE Photonics West, 1/01/00. <https://doi.org/10.1117/12.2251317>

Karioja, P, Alajoki, T, Cherchi, M, Ollila, J, Harjanne, M, Heinilehto, N, Suomalainen, S, Viheriälä, J, Zia, N, Guina, M, Buczyński, R, Kasztelaniec, R, Kujawa, I, Salo, T, Virtanen, S, Kluczynski, P, Sagberg, H, Ratajczyk, M & Kalinowski, P 2017, Multi-wavelength mid-IR light source for gas sensing. in *Proc. SPIE 10110: Photonic Instrumentation Engineering IV*. vol. 10110, 101100P, Proceedings of SPIE, vol. 10110, SPIE, Photonic Instrumentation Engineering, 1/01/00. <https://doi.org/10.1117/12.2249126>

Tiira, J, Radevici, I, Haggren, T, Hakkarainen, T, Kivisaari, P, Lyytikäinen, J, Aho, A, Tukiainen, A, Guina, M & Oksanen, J 2017, Intracavity double diode structures with GaInP barrier layers for thermophotonic cooling. in *Proc. SPIE 10121: Optical and Electronic Cooling of Solids II*. vol. 10121, 1012109, Proceedings of SPIE, vol. 10121, SPIE, Optical and Electronic Cooling of Solids, 1/01/00. <https://doi.org/10.1117/12.2250843>

Murayama, M, Oguro, D, Kikuchi, H, Huttunen, H, Ho, YS & Shin, J 2017, Color-distribution similarity by information theoretic divergence for color images. in *2016 Asia-Pacific Signal and Information Processing Association Annual Summit and Conference, APSIPA 2016*. IEEE, Asia-pacific signal and information processing association annual summit and conference, 1/01/00. <https://doi.org/10.1109/APSIPA.2016.7820681>

Lahti, J, Kuusipalo, J & Auvinen, S 2017, Novel equipment to simulate hot air heat sealability of packaging materials. in *16th TAPPI European PLACE Conference 2017*. TAPPI Press, pp. 237-248, TAPPI European PLACE Conference, 1/01/00.

Suokas, E 2017, Effect of air gap on the adhesion of PET layer on cardboard substrate in extrusion coating. in *16th TAPPI European PLACE Conference 2017*. TAPPI Press, pp. 529-544, TAPPI European PLACE Conference, 1/01/00.

Lahti, J, Kamppuri, T & Kuusipalo, J 2017, Novel bio-based materials for active and intelligent packaging. in *16th TAPPI European PLACE Conference 2017*. TAPPI Press, TAPPI European PLACE Conference, 1/01/00.

Matikainen, V, Rubio, S, Ojala, N, Koivuluoto, H, Schubert, J, Houdková, S & Vuoristo, P 2017, Cavitation erosion, slurry erosion and solid particle erosion performance of metal matrix composite (MMC) coatings sprayed with modern high velocity thermal spray processes. in *Materials Science and Technology Conference and Exhibition 2017, MS and T 2017: October 8-12, 2017, Pittsburgh, Pennsylvania USA*. vol. 2, Association for Iron and Steel Technology, AISTECH, pp. 1161-1163, MATERIALS SCIENCE & TECHNOLOGY CONFERENCE AND EXHIBITION, 1/01/00.

Kuusipalo, J & Lahti, J 2017, Tampere University of Technology, laboratory of materials science, paper converting and packaging technology Tampere, Finland. in *16th TAPPI European PLACE Conference 2017: Basel; Switzerland; 22 May 2017 through 24 May 2017*. vol. May-2017, TAPPI Press, TAPPI European PLACE Conference, 1/01/12.

Gomez Casco, D, Lohan, E-S, Lopez-Salcedo, JA & Seco-Granados, G 2017, Multilag Frequency Estimation for High-Order BOC Signals in the Acquisition Stage. in *2016 8th ESA Workshop on Satellite Navigation Technologies and European Workshop on GNSS Signals and Signal Processing (NAVITEC)*. IEEE, ESA Workshop on Satellite Navigation Technologies and European Workshop on GNSS Signals and Signal Processing, 1/01/00. <https://doi.org/10.1109/NAVITEC.2016.7849325>

Stoykova, E, Nazarova, D, Berberova, N, Gotchev, A, Ivanov, B & Mateev, G 2017, Dynamic laser speckle metrology with binarization of speckle patterns. in *19th International Conference and School on Quantum Electronics: Laser Physics and Applications.*, 102260R, Proceedings of SPIE, vol. 10226, SPIE, International Conference and School on Quantum Electronics, 1/01/00. <https://doi.org/10.1117/12.2262330>

Partanen, T, Niemelä, P, Mannila, L & Poranen, T 2017, Educating Computer Science Educators Online - A Racket MOOC for Elementary Math Teachers of Finland. in *Proceedings of the 9th International Conference on Computer Supported Education*. SCITEPRESS - Science and Technology Publications, pp. 47-58, INTERNATIONAL CONFERENCE ON COMPUTER SUPPORTED EDUCATION, 1/01/00. <https://doi.org/10.5220/0006257800470058>

Filippov, V, Vorotynskii, A, Noronen, T, Gumenyuk, R, Chamorovskii, Y & Golant, K 2017, Picosecond MOPA with ytterbium doped tapered double clad fiber. in *Fiber Lasers XIV: Technology and Systems*. vol. 10083, 100831H, Proceedings of SPIE, no. 10083, SPIE, Fiber Lasers XIV: Technology and Systems 2017, San Francisco, United States, 30/01/17. <https://doi.org/10.1117/12.2252006>

Sillberg, P, Veksommai, C, Soini, J & Jaakkola, H 2017, Web-user-interface system utilizing rhmei and open data for a water quality analyzer. in V Somlertlamvanich, P Chawakitchareon, A Hansuebsai, C Koopipat, Y Kiyoki, H Kangassalo, B Thalheim & N Yoshida (eds), *The Proceedings of the 27th International Conference on Information Modelling and Knowledge Bases, EJC 2017: June 5-9, 2017, Krabi, Thailand*. Sirindhorn International Institute of Technology, Thammasat University, Thailand, pp. 444-451, International conference on information modelling and knowledge bases, 1/01/00.

Ahmad, I, Rantanen, P, Sillberg, P, Laaksonen, J, Liu, S, Forss, T, Malik, A, Nieminen, M, Shetty, R, Ishikawa, S, Kallio, J, Saarinen, JP, Gabbouj, M & Soini, J 2017, VisualLabel: An Integrated Multimedia Content Management and Access Framework. in *The Proceedings of the 27th International Conference on Information Modelling and Knowledge Bases, EJC 2017: June 5-9, 2017, Krabi, Thailand*. pp. 332-353, International conference on information modelling and knowledge bases, 1/01/00.

Perttula, A & Tuomi, P 2017, Gamification at School. in *EDULEARN17: The 9th International Conference on Education and New Learning Technologies*. pp. 9334-9340, International Conference on Education and New Learning Technologies, 1/01/00. <https://doi.org/10.21125/edulearn.2017.0756>

Perttula, A 2017, Eye tracking studies focusing on mathematics: a literature review. in *INTED2017. The 11th annual International Technology, Education and Development Conference: Valencia, 6th - 8th of March, 2017...*, 2166-2173, IATED Academy, INTERNATIONAL TECHNOLOGY, EDUCATION AND DEVELOPMENT CONFERENCE, 1/01/00. <https://doi.org/10.21125/inted.2017.0639>

Messo, T, Luhtala, R, Roinila, T, Yang, D, Wang, X & Blaabjerg, F 2017, Real-Time Impedance-Based Stability Assessment of Grid Converter Interactions. in *IEEE Workshop on Control and Modeling for Power Electronics*. IEEE Workshop on Control and Modeling for Power Electronics, 1/01/00. <https://doi.org/10.1109/COMPEL.2017.8013384>

Zhang, B, Veijalainen, J & Kotkov, D 2017, Samsung and Volkswagen crisis communication in Facebook and Twitter: A comparative study. in *WEBIST 2017 - Proceedings of the 13th International Conference on Web Information Systems and Technologies*. SCITEPRESS, pp. 312-323, INTERNATIONAL CONFERENCE ON WEB INFORMATION SYSTEMS AND TECHNOLOGIES, 1/01/00. <https://doi.org/10.5220/0006301403120323>

Taivalsaari, A & Mikkonen, T 2017, The Web as a software platform: Ten years later. in *WEBIST 2017 - Proceedings of the 13th International Conference on Web Information Systems and Technologies*. SCITEPRESS, pp. 41-50, INTERNATIONAL CONFERENCE ON WEB INFORMATION SYSTEMS AND TECHNOLOGIES, 1/01/00. <https://doi.org/10.5220/0006234800410050>

Meriläinen, K, Vuori, V & Helander, N 2017, Inter-organizational knowledge sharing barriers within an sme network: a case study. in *Proceedings of the 18th European Conference on Knowledge Management: Barcelona, Spain, 7-8 September 2017*. Academic Conferences and Publishing International Limited, Reading, UK, pp. 690-697, Proceedings of the European Conference on Knowledge Management, 28/09/17.

Okkonen, J & Vuori, V 2017, Perspectives on tools and applications supporting co-creation in knowledge work. in *Proceedings of the 12th International Forum on Knowledge Asset Dynamics 2017: 7-9 Jun. 2017, St. Petersburg, Russia*. Proceedings IFKAD, pp. 369-376, International Forum on Knowledge Asset Dynamics, 1/01/00.

Kelo, T & Eronen, J 2017, Experiences from development of security audit criteria. in *Proceedings of the 16th European Conference on Cyber Warfare and Security, ECCWS 2017*. TAPPI Press; Curran Associates, Inc, pp. 208-215, European Conference on Information Warfare and Security, 1/01/00.

Jääskeläinen, A, Thitz, O & Heikkilä, J 2017, The role of performance measurement in supplier-buyer value-creation. in *Proceedings of 9th Conference on Performance Measurement and Management Control: 13-15 September 2017, Nice, France*. Conference on Performance Measurement and Management Control, EIASM, Conference on Performance Measurement and Management Control, 29/09/17.

Begishev, V, Samuylov, A, Moltchanov, D & Samouylov, K 2017, Modeling the process of dynamic resource sharing between LTE and NB-IoT services. in *Distributed Computer and Communication Networks - 20th International Conference, DCCN 2017, Proceedings*. Communications in Computer and Information Science, vol. 700, Springer Verlag, pp. 1-12, INTERNATIONAL CONFERENCE ON DISTRIBUTED COMPUTER AND COMMUNICATIONS NETWORKS, 1/01/00. [https://doi.org/10.1007/978-3-319-66836-9\\_1](https://doi.org/10.1007/978-3-319-66836-9_1)

Vanhalakka, J, Ilvonen, I & Väättäjä, H 2017, Utilizing knowledge networks in virtual or augmented reality solution creation . in F Marimon, M Mas-Machuca, J Berbegal-Mirabent & R Bastida (eds), *Proceedings of the 18th European Conference on knowledge Management ECKM 2017: 7-8 September 2017, Barcelona, Spain*. Academic Conferences and Publishing International, pp. 1008-1014, European conference on knowledge management, 1/01/00.

Andersson, T, Boedeker, M & Vuori, V 2017, Emotion-Gauge: Analyzing affective experiences in B2B customer journeys. in A Kavoura, D Sakas & P Tomaras (eds), *Strategic Innovative Marketing : 5th IC-SIM, Athens, Greece, September 23-26, 2016*. Springer Proceedings in Business and Economics, Springer, pp. 31-36, International conference on strategic innovative marketing, 8/12/16.

Katkovnik, V, Shevkunov, I, Petrov, NV & Egiazarian, K 2017, Computational wavelength resolution for in-line lensless holography: Phase-coded diffraction patterns and wavefront group-sparsity. in *Digital Optical Technologies 2017.*, 1033509, Proceedings of SPIE, vol. 10335, SPIE, Digital optical technologies, 1/01/00. <https://doi.org/10.1117/12.2269327>

Mahlamäki, T, Valkeinen, T, Myllärniemi, J, Hellsten, P & Repo, S 2017, Personality's effect on peer assessment ability in case method context. in *EDULEARN17 Proceedings. 9th International Conference on Education and New Learning Technologies: 3-5 July, 2017, Barcelona, Spain*. Edulearn proceedings, IATED, pp. 6401-6405, EDULEARN PROCEEDINGS, 27/11/17. <https://doi.org/10.21125/edulearn.2017.2455>

Minaev, G, Visa, A & Piche, R 2017, Comprehensive survey of similarity measures for ranked based location fingerprinting algorithm. in *Indoor Positioning and Indoor Navigation (IPIN), 2017 International Conference on*. IEEE, International Conference on Indoor Positioning and Indoor Navigation, 1/01/00. <https://doi.org/10.1109/IPIN.2017.8115922>

Zare, M, Neeli-Venkata, R, Martins, L, Peltonen, S, Ruotsalainen, U & Ribeiro, AS 2017, Automatic Classification of Z-ring Formation Stages at the Single Cell Level in Escherichia Coli by Machine Learning. in M Silveira, A Fred, H Gamboa & M Vaz (eds), *Proceedings of the 10th International Joint Conference on Biomedical Engineering Systems and Technologies, Vol 2: Bioimaging*. SCITEPRESS, pp. 72-76, INTERNATIONAL JOINT CONFERENCE ON BIOMEDICAL ENGINEERING SYSTEMS AND TECHNOLOGIES, 1/01/00.

Cakir, E & Virtanen, T 2017, Convolutional Recurrent Neural Networks for Rare Sound Event Detection. in *Proceedings of the Detection and Classification of Acoustic Scenes and Events 2017 Workshop (DCASE2017)*. Tampere University of Technology. Laboratory of Signal Processing, pp. 27-31, Detection and Classification of Acoustic Scenes and Events Workshop, 1/01/00.

Kiili, K 2017, From theories to game mechanics: Developing a game for training rational numbers. in *Proceedings of the 11th European Conference on Games Based Learning, ECGBL 2017*. Academic Conferences and Publishing International Limited, pp. 328-334, EUROPEAN CONFERENCE ON GAMES-BASED LEARNING, 1/01/00.



Myllärniemi, J, Helander, N, Hellsten, P, Mahlamäki, T & Repo, S 2017, Business intelligence approach – a practical tool for competence based curriculum development. in *EDULEARN17 Proceedings. 9th International Conference on Education and New Learning Technologies: 3-5 July, 2017, Barcelona, Spain*. IATED, pp. 6387-6393, International Conference on Education and New Learning Technologies, 1/01/00. <https://doi.org/10.21125/edulearn.2017.2451>

Hakkarainen, T, Leahu, G, Petronijevic, E, Belardini, A, Centini, M, Li Voti, R, Koivusalo, E, Rizzo Piton, M, Guina, M & Sibilia, C 2017, Photo-acoustic Spectroscopy of Resonant Absorption in III-V Semiconductor Nanowires. in *CLEO: Applications and Technology 2017: San Jose, California United States 14–19 May 2017.*, JTh2A.48, The Optical Society; OSA, CONFERENCE ON LASERS AND ELECTRO-OPTICS, 1/01/00. [https://doi.org/10.1364/CLEO\\_AT.2017.JTh2A.48](https://doi.org/10.1364/CLEO_AT.2017.JTh2A.48)

Lenarduzzi, V, Stan, AC, Taibi, D, Tosi, D & Venters, G 2017, A dynamical quality model to continuously monitor software maintenance. in *Proceedings of the 11th European Conference on Information Systems Management, ECISM 2017*. Academic Conferences and Publishing International Limited, pp. 168-178, 11th European Conference on Information Systems Management, ECISM 2017, Genoa, Italy, 14/09/17.

Tosi, D, Lenarduzzi, V, Morasca, S & Taibi, D 2017, Experimenting traditional and modern reliability models in a 3-years european software project. in *Proceedings of the 11th European Conference on Information Systems Management, ECISM 2017*. Academic Conferences and Publishing International Limited, pp. 304-314, 11th European Conference on Information Systems Management, ECISM 2017, Genoa, Italy, 14/09/17.

López Baeza, J, Cerrone, D & Männigo, K 2017, Comparing two methods for Urban Complexity calculation using Shannon-Wiener index. in *Comparing two methods for Urban Complexity calculation using Shannon-Wiener index*. WIT Transactions on Ecology and The Environment, vol. 226, WIT Press, pp. 369-378, Sustainable Development and Planning, 1/01/00. <https://doi.org/10.2495/SDP170321>

Miettinen, P, Ahokas, M, Engström, T, Heinonen, J & Auvinen, S 2017, The role of base substrate on barrier and convertability properties of Water based barrier coated (WBBC) paper and paperboard. in *Paper Conference and Trade Show, PaperCon 2017: Renew, Rethink, Redefine the Future, Minneapolis, Minnesota, USA, 23-26 April 2017*. vol. 1, TAPPI Press, pp. 220-232, Paper Conference and Trade Show, 23/05/18.

Nisula, K & Pekkola, S 2016, Assessing business learning by analysing ERP simulation log files. in *AIS SIGED 2016 Conference on IS education and Research. : Dublin, Ireland, December 10-11, 2016*. Dublin, INTERNATIONAL CONFERENCE ON INFORMATICS EDUCATION AND RESEARCH, 16/12/16.

Galinina, O, Turlikov, A, Andreev, S & Koucheryavy, Y 2016, Improving reliability of replicated message delivery in cellular machine-type communications. in *2016 8th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT)*. IEEE, pp. 106-110, International Congress on Ultra Modern Telecommunications and Control Systems, 1/01/00. <https://doi.org/10.1109/ICUMT.2016.7765341>

Devos, M, Ometov, A, Mäkitalo, N, Aaltonen, T, Andreev, S & Koucheryavy, Y 2016, D2D communications for mobile devices: Technology overview and prototype implementation. in *8th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT)*. IEEE, pp. 124-129, International Congress on Ultra Modern Telecommunications and Control Systems, 1/01/00. <https://doi.org/10.1109/ICUMT.2016.7765344>

Aarikka-Stenroos, L, Boedeker, S, Köppä, L & Langwaldt, J 2016, How to develop a new innovation education tool: case of impact canvas. in *In the Proceedings of ISPIM Innovation Summit. The International Society for Professional Innovation Management (ISPIM). : 4-7 December 2016, Kuala Lumpur, Malaysia.* International Society for Professional Innovation Management's Innovation Conference, 1/01/00.

Ranta, V, Aarikka-Stenroos, L & Mäkinen, S 2016, Business models in the circular economy: a structured multiple-case analysis. in *Proceedings of ISPIM Innovation Summit, Kuala Lumpur, Malaysia. The International Society for Professional Innovation Management (ISPIM): 4-7 December 2016*. International Society for Professional Innovation Management's Innovation Conference, 1/01/00.

Lampio, K & Karvinen, R 2016, Multi-Objective Optimization of Fin Array Heat Sinks. in *Therminic 2016: 22nd international workshop Thermal investigations of ICs and Systems*. IEEE, International Workshop on Thermal Investigations of ICs and Systems, 1/01/00. <https://doi.org/10.1109/THERMINIC.2016.7749070>

Collin, J, Perttula, A, Parviainen, J, Racko, J & Brida, P 2016, Pedestrian Dead Reckoning with Particle Filter for Handheld Smartphone. in *2016 International Conference on Indoor Positioning and Indoor Navigation (IPIN)*. IEEE, International Conference on Indoor Positioning and Indoor Navigation, 1/01/00. <https://doi.org/10.1109/IPIN.2016.7743608>

Kekonen, A, Bergelin, M, Eriksson, J-E, Ylänen, H, Kielosto, S & Viik, J 2016, Bioimpedance measurement system for evaluation of the status of wound healing. in *2016 15th Biennial Baltic Electronics Conference (BEC)*. IEEE, pp. 175-178, Biennial Baltic Electronics Conference, 1/01/00. <https://doi.org/10.1109/BEC.2016.7743757>

Systä, K, Vuori, M, Järvinen, H-M, Ahtee, T & Sten, H 2016, Project types and industrial collaboration in project-based learning. in H-M Järvinen & R Clark (eds), *Proceedings of SEFI 2016 annual conference*. European Society for Engineering Education SEFI, Tampere / Brussels, Annual Conference of the European Society for Engineering Education, 1/01/00.

Lohan, E-S, Kauppinen, T & Debnath, SBC 2016, A Survey of People Movement Analytics Studies in the Context of Smart Cities. in *Proceedings of the FRUCT'19*. pp. 151-158, Proceedings of Conference of Open Innovations Association FRUCT, 1/01/00. <https://doi.org/10.23919/FRUCT.2016.7892195>

Petrov, V, Pyattaev, A, Moltchanov, D & Koucheryavy, Y 2016, Terahertz band communications: Applications, research challenges, and standardization activities. in *2016 8th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT)*. IEEE, pp. 1-8, International Congress on Ultra Modern Telecommunications and Control Systems, 1/01/00. <https://doi.org/10.1109/ICUMT.2016.7765354>

Viheriäkoski, T, Kärjä, E, Hillberg, J & Tamminen, P 2016, Charge relaxation of slowly dissipative polymers. in *2016 38th Electrical Overstress/Electrostatic Discharge Symposium (EOS/ESD)*. IEEE, pp. 1-9, Electrical Overstress/Electrostatic Discharge Symposium, 1/01/00. <https://doi.org/10.1109/EOS/ESD.2016.7592533>

Tamminen, P & Viheriäkoski, T 2016, Charged cable-system ESD event. in *2016 38th Electrical Overstress/Electrostatic Discharge Symposium (EOS/ESD)*. IEEE, Electrical Overstress/Electrostatic Discharge Symposium, 1/01/00. <https://doi.org/10.1109/EOS/ESD.2016.7592559>

Aldawood, S, Fowley, F, Pahl, C, Taibi, D & Liu, X 2016, A coordination-based brokerage architecture for multi-cloud resource markets. in *Proceedings - 2016 4th International Conference on Future Internet of Things and Cloud Workshops, W-FiCloud 2016*. Institute of Electrical and Electronics Engineers Inc., pp. 7-14, 4th International Conference on Future Internet of Things and Cloud Workshops, W-FiCloud 2016, Vienna, Austria, 22/08/16. <https://doi.org/10.1109/W-FiCloud.2016.19>

Gudkova, I, Markova, E, Masek, P, Andreev, S, Hosek, J, Yarkina, N, Samouylov, K & Koucheryavy, Y 2016, Modeling the utilization of a multi-tenant band in 3GPP LTE system with Licensed Shared Access. in *2016 8th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT)*. IEEE, pp. 119-123, International Conference on Ultra Modern Telecommunications and Control Systems and Workshops, 1/01/00. <https://doi.org/10.1109/ICUMT.2016.7765343>

Amiot, CG, Ryczkowski, P, Aalto, A, Toivonen, J & Genty, G 2016, Mid-Infrared Sources for Ultra-Broadband Cavity Enhanced Spectroscopy. in *Frontiers in Optics 2016.*, FTh5A.3, OSA, Frontiers in Optics / Laser Science, 1/01/00.

Moilanen, C, Björkqvist, T, Ovaska, M, Koivisto, J, Miksic, A, Engberg, B, Salminen, L, Saarenrinne, P & Alava, M 2016, Modelling and Simulation of Radial Spruce Compression to Optimize Energy Efficiency in Mechanical Pulping. in *2016 International Mechanical Pulping (IMPC) Conference Proceedings, Monday, September 26 - Wednesday, September 28, Jacksonville, Florida, USA.*, 1.3, TAPPI, USA, pp. 53-70, INTERNATIONAL MECHANICAL PULPING CONFERENCE, 1/01/00.

Myllykoski, T, Pohjolainen, S & Ali-Löytty, S 2016, Students' Use of Learning Tools and Tool Types: Solving Self-Study Assignments on an Online Platform. in *SEFI 2016 Annual Conference Proceedings: Engineering Education on Top of the World: Industry University Cooperation*. European Society for Engineering Education SEFI, Annual Conference of the European Society for Engineering Education, 1/01/00.

Laine, K, Sipilä, E, Anderson, M & Sydänheimo, L 2016, Electronic Exam in Electronics Studies. in *SEFI Annual Conference 2016: Engineering Education on Top of the World: Industry University Cooperation*. Annual Conference of the European Society for Engineering Education, 1/01/00.

Joutsenlahti, J, Ali-Löytty, S & Pohjolainen, S 2016, Developing Learning and Teaching in Engineering Mathematics with and without Technology. in *SEFI 2016 Annual Conference Proceedings: Engineering Education on Top of the World: Industry University Cooperation*. European Society for Engineering Education SEFI, Annual Conference of the European Society for Engineering Education, 1/01/00.

Rekola, J & Suntio, T 2016, Implementing of Activating Learning Strategy for a Course on Electric Drives. in *SEFI 2016 Annual Conference Proceedings: Implementing of Activating Learning Strategy for a Course on Electric Drives*. European Society for Engineering Education SEFI, pp. 1-8, Annual Conference of the European Society for Engineering Education, 1/01/00.

Helander, N, Boedeker, M, Hellsten, P, Jussila, J, Myllärniemi, J & Tukiainen, M 2016, Affective experiences and student engagement in higher education. in *44th Annual Conference Of The European Society For Engineering Education: 12-15 September 2016, Tampere, Finland*. Tampere, Annual Conference of the European Society for Engineering Education, 1/01/00.

Tukiainen, MO 2016, Students as mystery shoppers: lowering knowledge sharing barriers in higher education. in *44th Annual Conference Of The European Society For Engineering Education: 12-15 September 2016, Tampere, Finland*. Tampere, Annual Conference of the European Society for Engineering Education, 1/01/00.

Ketola, S, Sipilä, E, Pajarre, E & Takala, J 2016, New introductory courses and teacher tutoring: Keys to an efficient beginning for university studies in engineering. in *SEFI Annual Conference 2016: Engineering Education on Top of the World: Industry University Cooperation*. Annual Conference of the European Society for Engineering Education, 1/01/00.

Kuula, PH, Leppänen, MM & Penttilä, ME 2016, Towards better learning by increased student engagement. in T Niemi & H-M Järvinen (eds), *Proceedings of the 44th SEFI Annual Conference 2016: 12th-15th September 2016, Tampere, Finland*. European Society for Engineering Education SEFI, Tampere, Annual Conference of the European Society for Engineering Education, 1/01/00.

Järvinen, H-M & Mikkonen, T 2016, Industrial impact on topics and types of Master's theses: Empirical study of software engineering theses made in 1990-2016. in H-M Järvinen & R Clark (eds), *Proceedings of SEFI 2016 Annual Conference*. European Society for Engineering Education SEFI, Annual Conference of the European Society for Engineering Education, 1/01/00.

Orsino, A & Ometov, A 2016, Validating information security framework for offloading from LTE onto D2D links. in *Proceedings of the 18th Conference of Open Innovations Association FRUCT and Seminar on Information Security and Protection of Information Technolog, FRUCT-ISPIT 2016*. IEEE COMPUTER SOCIETY PRESS, pp. 241-247, Conference of the Open Innovations Association FRUCT, 1/01/00. <https://doi.org/10.1109/FRUCT-ISPIT.2016.7561534>

Komar, M, Edelev, S & Koucheryavy, Y 2016, Handheld wireless authentication key and secure documents storage for the Internet of Everything. in *Proceedings of the 18th Conference of Open Innovations Association FRUCT and Seminar on Information Security and Protection of Information Technolog, FRUCT-ISPIT 2016*. IEEE COMPUTER SOCIETY PRESS, pp. 120-130, Conference of the Open Innovations Association FRUCT, 1/01/00. <https://doi.org/10.1109/FRUCT-ISPIT.2016.7561517>

Vuori, V & Helander, N 2016, Knowledge barriers in university-industry knowledge networks. in *17th European Conference on Knowledge Management, At Belfast, Northern Ireland, UK.: 1-2 Sep. 2016*. Academic Conferences and Publishing International Limited Reading, pp. 952-959, European conference on knowledge management, 1/01/00.

Penttilä, P & Brutti, A 2016, Increasing the environment-awareness of rake beamforming for directive acoustic sources. in *15th International Workshop on Acoustic Signal Enhancement (IWAENC)*. International Workshop on Acoustic Signal Enhancement, 1/01/00.

Valenti, M, Diment, A, Parascandolo, G, Squartini, S & Virtanen, T 2016, DCASE 2016 Acoustic Scene Classification Using Convolutional Neural Networks. in *Proceedings of the Detection and Classification of Acoustic Scenes and Events 2016 Workshop (DCASE2016)*. Tampere University of Technology. Department of Signal Processing, Detection and Classification of Acoustic Scenes and Events Workshop, 1/01/00.

Kangas, J & Lunden, O-P 2016, Strengthening student engagement by integrating the contents of a flipped course around a well-confined real life theme. in *SEFI 2016 Annual Conference Proceedings: Engineering Education on Top of the World: Industry University Cooperation*. Annual Conference of the European Society for Engineering Education, 1/01/00.

Valmari, A & Kaarakka, T 2016, MathCheck: a tool for checking math solutions in detail. in *SEFI 2016 Annual Conference Proceedings: Engineering Education on Top of the World: Industry University Cooperation*. European Society for Engineering Education SEFI, Annual Conference of the European Society for Engineering Education, 1/01/00.

Väätäjä, H & Ahtinen, A 2016, Integrating mobile orienteering to team forming activity in a software engineering course. in *SEFI 2016 Annual Conference Proceedings: Engineering Education on Top of the World: Industry University Cooperation*. European Society for Engineering Education SEFI, Annual Conference of the European Society for Engineering Education, 1/01/00.

Takala, A & Korhonen-Yrjänheikki, K 2016, Finnish Engineering Education for Sustainable Development in 2016 - Call for collaborative learning. in *SEFI 2016 Annual Conference Proceedings: Engineering Education on Top of the World: Industry University Cooperation*. European Society for Engineering Education SEFI, Annual Conference of the European Society for Engineering Education, 1/01/00.

Machado, MA, Magnier-Watanabe, R & Peltola, T 2016, Capturing knowledge from research projects: From project reports to storytelling. in *2016 Portland International Conference on Management of Engineering and Technology (PICMET)*. IEEE, pp. 2048-2057, Portland International Conference on Management of Engineering and Technology, 1/01/00. <https://doi.org/10.1109/PICMET.2016.7806602>

Virtanen, H, Uusitalo, T & Dumitrescu, M 2016, Simulation studies of DFB laser longitudinal structures for narrow linewidth emission. in *16th International Conference on Numerical Simulation of Optoelectronic Devices, NUSOD 2016*. IEEE, pp. 153-154, International Conference on Numerical Simulation of Optoelectronic Devices, 1/01/00. <https://doi.org/10.1109/NUSOD.2016.7547078>

Uusitalo, T, Virtanen, H & Dumitrescu, M 2016, Transverse structure optimization of laterally-coupled ridge waveguide DFB lasers. in *16th International Conference on Numerical Simulation of Optoelectronic Devices, NUSOD 2016*. IEEE, pp. 79-80, International Conference on Numerical Simulation of Optoelectronic Devices, 1/01/00. <https://doi.org/10.1109/NUSOD.2016.7547038>

Dumitrescu, M, Uusitalo, T, Virtanen, H, Laakso, A, Bardella, P & Montrosset, I 2016, Simulation of photon-photon resonance enhanced direct modulation bandwidth of DFB lasers. in *16th International Conference on Numerical Simulation of Optoelectronic Devices, NUSOD 2016*. IEEE, pp. 147-148, International Conference on Numerical Simulation of Optoelectronic Devices, 1/01/00. <https://doi.org/10.1109/NUSOD.2016.7547075>

Vajaranta, M, Kannisto, J & Harju, J 2016, Implementation Experiences and Design Challenges for Resilient SDN Based Secure WAN Overlays. in *2016 11th Asia Joint Conference on Information Security (AsiaJCIS)*. IEEE, pp. 17-23, Asia Joint Conference on Information Security, 1/01/00. <https://doi.org/10.1109/AsiaJCIS.2016.25>

Nurmi, J, Kannisto, J & Vajaranta, M 2016, Observing Hidden Service Directory Spying with a Private Hidden Service HoneyNet. in *Proceedings of the 11th Asia Joint Conference on Information Security (AsiaJCIS 2016), Fukuoka, Japan, August 4-5, 2016*. pp. 55-59, Asia Joint Conference on Information Security, 1/01/00. <https://doi.org/10.1109/AsiaJCIS.2016.31>

Silverajan, B, Vajaranta, M & Kolehmainen, A 2016, Home Network Security: Modelling Power Consumption to Detect and Prevent Attacks on Homenet Routers. in *Proceedings of the 11th Asia Joint Conference on Information Security (AsiaJCIS 2016), Fukuoka, Japan, August 4-5, 2016*. IEEE, pp. 9-16, Asia Joint Conference on Information Security, 1/01/00. <https://doi.org/10.1109/AsiaJCIS.2016.10>

Nenonen, S, Rahtola, R & Kojo, I 2016, Third places and user preferences – affordances in the cities. in PA Jensen (ed.), *Proceedings of CFM's Second Nordic Conference: Facilities Management Research and Practice*; 29-30 AUGUST 2016, Denmark. pp. 17-25, NORDIC FACILITIES MANAGEMENT CONFERENCE, 1/01/00.

Saari, U & Mäkinen, S 2016, Study on the capability to measure stakeholders' brand experiences with a consumer-centric measurement framework. in *Global Marketing Conference Proceedings 2016 Hong Kong, July 21 - 24: Track: Stakeholders-brand Relationships*. Proceedings of the Global Marketing Conference, pp. 1034-1035, Global Marketing Conference, Hong Kong, Hong Kong, 21/07/16.

Ala-Maakala, M & Liimatainen, H 2016, Customer value management framework for supply chains. in K Pawar (ed.), *The proceedings of 21st international symposium on logistics (ISL 2016): Sustainable transport and supply chain innovation, Kaohsiung, Taiwan 3-6 July 2016*. pp. 447-456, International symposium on logistics, 1/01/14.

Goncalves, NSM, Martins, L, Tran, H, Oliveira, SMD, Neeli-Venkata, R, Fonseca, J & Ribeiro, AS 2016, In vivo single-molecule dynamics of transcription of the viral T7 Phi 10 promoter in Escherichia coli. in *The 8th International Conference on Bioinformatics, Biocomputational Systems and Biotechnologies (BIOTECHNO2016)*. IARIA, pp. 9-15, International Conference on Bioinformatics, Biocomputational Systems and Biotechnologies, 1/01/00.

Ribeiro, A & Oliveira, S 2016, Using a synthetic probe to study the robustness of the segregation process of protein aggregates in Escherichia coli. in *The 8th International Conference on Bioinformatics, Biocomputational Systems and Biotechnologies (BIOTECHNO2016)*. IARIA, pp. 21-22, International Conference on Bioinformatics, Biocomputational Systems and Biotechnologies, 1/01/00.

Huuhka, S 2016, Demolished buildings: Empirical evidence on types, ages and construction materials. in P Hajek, J Tywoniak, A Lupisek & K Sojkova (eds), *CESB16 - Central Europe towards Sustainable Building 2016: Innovations for Sustainable Future, June 22-24, 2016, Prague*. Czech Technical University in Prague, Prague, pp. 1105-1112, CENTRAL EUROPE TOWARDS SUSTAINABLE BUILDING CONFERENCE, 1/01/00.

Huuhka, S 2016, Demolition Rates of Buildings with Different Functions and Construction Materials. in J Zelezna, P Hajek, J Tywoniak, A Lupisek & K Sojkova (eds), *YRSB16 - iiSBE Forum of Young Researchers in Sustainable Building 2016: Innovations for Sustainable Future June 21, 2016, Prague*. Czech Technical University in Prague, Prague, pp. 301-307, Forum of Young Researchers in Sustainable Building, 22/07/16.

Mäenpää, S, Suominen, A & Breite, R 2016, Knowledge integration method development for multi-stakeholder innovation. in *Proceedings of The XXVII ISPIM Conference 2016 Porto, Portugal - 19-22 June 2016 : Blending Tomorrow's Innovation Vintage*. International Society for Professional Innovation Management's Innovation Conference, 1/01/00.

Saari, UA & Mäkinen, SJ 2016, Exploring how brand experience measurement could be used for integrating marketing and R&D. in *XXVII ISPIM Innovation Conference 2016: Porto, 19-22 June, 2016*. International Society for Professional Innovation Management's Innovation Conference, 1/01/00.

Aarikka-Stenroos, L, Peltola, T, Rikkiev, A & Saari, U 2016, Multiple facets of innovation and business ecosystem research: the foci, methods and future agenda. in *XXVII ISPIM Innovation Conference 2016: Porto, 19-22 June, 2016*. pp. 1-33, International Society for Professional Innovation Management's Innovation Conference, 1/01/00.

Stormi, K, Laine, T & Suomala, P 2016, Customer lifetime value in manufacturing services. in *Proceedings of the Manufacturing Accounting Research Conference 2016: Lisbon, Portugal, June 15-17, 2016*. European Institute for Advanced Studies in Management EIASM, Belgium, MANUFACTURING ACCOUNTING RESEARCH CONFERENCE, 1/01/00.

Tenucci, A & Laine, T 2016, Management accounting and new service development under servitization: literature review and case studies. in *Proceedings of the Manufacturing Accounting Research Conference 2016: Lisbon, Portugal, June 15-17, 2016*. MANUFACTURING ACCOUNTING RESEARCH CONFERENCE, 1/01/00.

Saukkonen, N, Laine, T & Suomala, P 2016, Management accounting in managerial work: engaging facts and feelings in decision making. in *Proceedings of the Manufacturing Accounting Research Conference 2016: Lisbon, Portugal, June 15-17, 2016*. Proceedings of the Manufacturing Accounting Research Conference , European Institute for Advanced Studies in Management EIASM, MANUFACTURING ACCOUNTING RESEARCH CONFERENCE, 1/01/00.

Jussila, J, Aramo-Immonen, H, Rouvari, O, Porkka, P & Ammirato, S 2016, Does Strategic and Innovative Fit Indicate Smart Social Media use in a Company? in *Proceedings of the 11th International Forum on Knowledge Asset Dynamics: Towards a New Architecture of Knowledge: Big Data, Culture and Creativity, Dresden -Germany 15-17 June 2016.*, 249, Dresden, pp. 1973-1983, International Forum on Knowledge Asset Dynamics, 1/01/00.

Michele Felicetti, A, Ammirato, S, Raso, C, Aramo-Immonen, H & Jussila, J 2016, Being a start-upper in Italy: Motivations, obstacles and success factors. in *Proceedings of the 11th forum on knowledge asset dynamics: Towards a new architecture of knowledge: big data, culture and creativity.*, 182, Dresden, pp. 1370-1383, International Forum on Knowledge Asset Dynamics, 1/01/00.

Haapanen, J, Krohns-Välimäki, H & Verho, P 2016, Improving the Situation Awareness of DSOs in Major Disturbances by Visualizing the State of Mobile Networks. in *CIREC Workshop 2016*. International conference on electricity distribution workshop, 1/01/00.

Helander, N, Okkonen, J, Vuori, V, Paavilainen, N & Kujala, J 2016, Enablers and Restraints of Knowledge Work – Does profession make a difference? in *Towards a new architecture of knowledge : Big Data, culture and creativity: IFKAD 2016-11th International Forum on Knowledge Asset Dynamics, Dresden 15-17.6.2016, Germany*. pp. 40-52, International Forum on Knowledge Asset Dynamics, 1/01/00.

Ketonen-Oksi, S 2016, Adapting service-based working culture as the key driver for organisational creativity and innovation. in *Towards a new architecture of knowledge : Big Data, culture and creativity: IFKAD 2016-11th International Forum on Knowledge Asset Dynamics, Dresden 15-17.6.2016, Germany*. International Forum on Knowledge Asset Dynamics, 1/01/00.

Burd, SC, Leinonen, T, Penttinen, JP, Allcock, DTC, Slichter, DH, Srinivas, R, Wilson, AC, Guina, M, Leibfried , D & Wineland, DJ 2016, Single-frequency 571nm VECSEL for photo-ionization of magnesium. in *Proceedings of SPIE: Vertical External Cavity Surface Emitting Lasers (VECSELs) VI*. vol. 9734, 973411, SPIE Conference Proceedings, SPIE, San Francisco, SPIE Photonics West, 1/01/00. <https://doi.org/10.1117/12.2213398>

Vuorinen, L & Martinsuo, M 2016, Practice of project control under different levels of complexity in engineering projects. in *EURAM (European Academy of Management) conference 2016: Manageable cooperation? June 1-4, 2016 Paris*. European academy of management annual conference, 1/01/00.

Kulmala, A & Repo, S 2016, Handling exceptional situations in a distribution network congestion management algorithm. in *CIREC Workshop 2016*. Helsinki, Finland, International conference on electricity distribution workshop, 1/01/00. <https://doi.org/10.1049/cp.2016.0663>

Neononen, S, Vaittinen, E & Martinsuo, M 2016, Incremental service innovations in a manufacturing firm's delivery chain. in *23rd Innovation and Product Development Management Conference (IPDMC): Glasgow, U. K. June 12-14, 2016*. Innovation and Product Development Management Conference, INTERNATIONAL PRODUCT DEVELOPMENT MANAGEMENT CONFERENCE, 25/07/16.

Martinsuo, M & Väliäho, V 2016, Service orientation and innovation in the strategies of manufacturing SMEs. in *23rd Innovation and Product Development Management Conference (IPDMC): 12-14 June, 2016, Glasgow, U.K.*. EIASM, International Product Development Management Conference, 1/01/00.

Huttunen, H, Shokrollahi Yancheshmeh, F & Chen, K 2016, Car Type Recognition with Deep Neural Networks. in *2016 IEEE Intelligent Vehicles Symposium, IV 2016*. IEEE, pp. 1115-1120, IEEE Intelligent Vehicles Symposium, Gothenburg, Sweden, 19/06/16. <https://doi.org/10.1109/IVS.2016.7535529>

Ritala, P & Aarikka-Stenroos, L 2016, Disruptive innovation in ecosystems: Path-creation and institutional barriers. in *XXVI ISPIM Conference: Porto, Portugal (2016) Blending Tomorrow's Innovation Vintage.: The International Society for Professional Innovation Management, Jun. 2016*. International Society for Professional Innovation Management ISPIM, Manchester, pp. 1-16, International Society for Professional Innovation Management's Innovation Conference, 1/01/00.

Lummi, K, Rautiainen, A, Järventausta, P, Heine, P, Lehtinen, J & Hyvärinen, M 2016, Electricity Distribution Network Tariffs - Present Practices, Future Challenges and Development Possibilities. in *CIREN Workshop 2016*. International conference on electricity distribution workshop, 1/01/00.

Wang, Y, Lan, R, Mateos, X, Li, J, Pan, Y, Suomalainen, S, Härkönen, A, Guina, M, Griebner, U & Petrov, V 2016, In-band-pumped mode-locked Ho:YAG ceramic laser at 2.1  $\mu\text{m}$ . in *2016 Conference on Lasers and Electro-Optics (CLEO)*. IEEE, pp. 1-2, Conference on lasers and electro-optics, 1/01/14.

Huovinen, P 2016, Relevance of five generic business ideation approaches vis-a-vis contexts embedded within construction markets. in N Achour (ed.), *Proceedings of the CIB World Building Congress 2016, May 30 - June 3, 2016, Tampere, Finland: Advancing products and services*. vol. V, Tampere University of Technology. Department of Civil Engineering, Tampere, pp. 1129-1140, CIB WORLD BUILDING CONGRESS, 1/01/00.

Oostra, M & Huovinen, P 2016, Radical programmes for developing the EU residential building sectors as exemplified by Finland and the Netherlands. in *Proceedings of CIB World Building Congress 2016, May 30 - June 3, 2016 Tampere, Finland: Creating built environments of new opportunities*. vol. I, Tampere University of Technology. Department of Civil Engineering, Tampere, pp. 17-28, CIB WORLD BUILDING CONGRESS, 1/01/00.

Vihola, J & Edelman, H 2016, Life-Cycle Economics of Rentable Prefabricated School Facility Units in Municipal Real Estate Procurement. in *Proceedings of the CIB World Building Congress 2016: Volume V: Advancing Products and Services*. Tampere University of Technology. Department of Civil Engineering, pp. 76-87, CIB WORLD BUILDING CONGRESS, 1/01/00.

Paloniitty, M 2016, Durability study on high speed water hydraulic miniature on/off-valve. in *DFP16, Proceedings of the eighth workshop on digital fluid power, May 24-25, 2016, Tampere, Finland*. Tampere, pp. 201-211, Workshop on Digital Fluid Power, 1/01/00.

Fouladi, A, Järvenhaara, J, Filanovsky, IM & Tchamov, NT 2016, A Variable Battery Supply DC-DC Buck Converter Designed for 45nm-CMOS Technology. in *2016 IEEE Canadian Conference on Electrical and Computer Engineering (CCECE), Vancouver, May 15-18, 2016*. CANADIAN CONFERENCE ON ELECTRICAL AND COMPUTER ENGINEERING, 1/01/00. <https://doi.org/10.1109/CCECE.2016.7726839>

Filanovsky, IM, Järvenhaara, JK & Tchamov, NT 2016, On Moderate Inversion/Saturation Regions As Approximations to "Reconciliation" Model. in *2016 IEEE Canadian Conference on Electrical and Computer Engineering (CCECE), Vancouver, May 15-18, 2016*. IEEE, CANADIAN CONFERENCE ON ELECTRICAL AND COMPUTER ENGINEERING, 1/01/00. <https://doi.org/10.1109/CCECE.2016.7726696>

Raunio, J-P & Ritala, R 2016, Optimal operation of a QCS scanner in a paper machine based on the information of QCS and WIS measurements. in *PaperCon 2016 Conference Proceedings -TAPPI*. TAPPI, Cincinnati, USA, pp. 1-11, TAPPI PAPERCON CONFERENCE, 1/01/00.

D'Ignazio, M & Lämsivaara, T 2016, Strength increase below an old test embankment in Finland. in *The 17th Nordic Geotechnical Meeting: Conference proceedings*. Icelandic Geotechnical Society, Reykjavik, pp. 357-366, NORDIC GEOTECHNICAL MEETING, 1/01/00.

Di Buo, B, D'Ignazio, M, Selänpää, J & Lämsivaara, T 2016, Preliminary results from a study aiming to improve ground investigation data. in *Proceedings of the 17th Nordic Geotechnical Meeting: Challenges in Nordic Geotechnics 25th-28th of May*. Icelandic Geotechnical Society, Reykjavik, pp. 187-197, NORDIC GEOTECHNICAL MEETING, 1/01/00.

Pakkala, T, Lemberg, A-M & Lahdensivu, J 2016, The effect of climate change on the amount of wind driven rain on concrete facades. in M Prins, H Wamelink, B Giddings, K Ku & M Feenstra (eds), *Proceedings of the CIB World Building Congress 2016: Vol 2 : Environmental opportunities and challenges, Constructing commitment and acknowledging human experiences*. vol. 2, Tampere University of Technology. Department of Civil Engineering, Tampere, pp. 153-165, CIB World Building Congress, 1/01/13.

Vaittinen, E, Martinsuo, M & Nenonen, S 2016, Enhancing the acceptance of advanced services among users of complex systems. in T Baines, D Harrison & J Zolkiewski (eds), *Servitization: Shift, Transform, Grow: Proceedings of the Spring Servitization Conference, 16-17 May 2016 (SSC2016)*. pp. 162-170, SPRING SERVICIZATION CONFERENCE, 1/01/00.

Ometov, A, Masek, P, Malina, L, Florea, R, Hosek, J, Andreev, S, Hajny, J, Niutanen, J & Koucheryavy, Y 2016, Feasibility characterization of cryptographic primitives for constrained (wearable) IoT devices. in *2016 IEEE International Conference on Pervasive Computing and Communication Workshops, PerCom Workshops 2016*. IEEE, IEEE INTERNATIONAL CONFERENCE ON PERVASIVE COMPUTING AND COMMUNICATIONS WORKSHOPS, 1/01/00. <https://doi.org/10.1109/PERCOMW.2016.7457161>

Mari, T, Leivo, V, Pekkonen, M, Aaltonen, A, Kiviste, M & Haverinen-Shaughnessy, U 2016, Sisäympäristön laadun ja terveellisyyden arviointi energiaparannuskohteissa. in *Sisäilmastoseminaari 2016, Sisäilmayhdistys raportti 34*. SIY SISÄILMATIETO OY, pp. 13-18, Sisäilmastoseminaari, 1/01/00.

Parrotta, D, Casula, R, Penttinen, J-P, Leinonen, T, Kemp, A, Guina, M & Hastie, J 2016, InGaAs-QW VECSEL emitting >1.300-nm via intracavity Raman conversion. in *Vertical External Cavity Surface Emitting Lasers (VECSELs) VI*. Proceedings of SPIE, SPIE Photonics West, 1/01/00. <https://doi.org/10.1117/12.2217593>

Uusitalo, T, Virtanen, H, Viheriälä, J, Salmi, J, Aho, AT & Dumitrescu, M 2016, Difference frequency modulation of multi-section dual-mode lasers with nanoscale surface gratings. in AA Belyanin & PM Smowton (eds), *SPIE Proceedings: Novel In-Plane Semiconductor Lasers XV*. vol. 9767, 97670S, Proceedings of SPIE, SPIE, SPIE Photonics West, 1/01/00. <https://doi.org/10.1117/12.2213888>

Habib, M, Rasheed, S, Hussain, A & Ali, M 2016, Random Value Impulse Noise Removal Based on Most Similar Neighbors. in *2015 13th International Conference on Frontiers of Information Technology (FIT)*. IEEE, pp. 329-333, International Conference on Frontiers of Information Technology, 1/01/00. <https://doi.org/10.1109/FIT.2015.64>

Tokola, H, Niemi, E & Väistö, V 2016, Lean manufacturing methods in simulation literature: Review and association analysis. in *2015 Winter Simulation Conference (WSC)*. pp. 2239-2248, WINTER SIMULATION CONFERENCE, 1/01/00. <https://doi.org/10.1109/WSC.2015.7408336>

Filippov, V, Chamorovskii, YK, Golant, KM, Vorotynskii, A & Okhotnikov, OG 2016, Optical amplifiers and lasers based on tapered fiber geometry for power and energy scaling with low signal distortion. in J Ballato (ed.), *Proceedings of SPIE: Fiber Lasers XIII: Technology, Systems, and Applications*. vol. 9728, 97280V-1, SPIE conference proceedings, SPIE, SPIE Photonics West, 1/01/00. <https://doi.org/10.1117/12.2218051>

Saarinen, EJ, Lyytikäinen, J, Ranta, S, Rantamäki, A, Saarela, A, Sirbu, A, Iakovlev, V, Kapon, E & Okhotnikov, OG 2016, A 1.5-W frequency doubled semiconductor disk laser tunable over 40 nm at around 745 nm. in *Proceedings of SPIE: Vertical External Cavity Surface Emitting Lasers (VECSELs) VI*. vol. 9734, 97340P-8, Spie conference proceedings, SPIE, SPIE Photonics West, 1/01/00. <https://doi.org/10.1117/12.2209384>

Humaloja, J-P, Hämäläinen, T & Pohjolainen, S 2016, On Detecting the Shape of an Unknown Object in an Electric Field. in G Russo, V Capasso, G Nicosia & V Romano (eds), *Progress in Industrial Mathematics at ECMI 2014*. Mathematics in Industry, vol. 22, Springer International Publishing, EUROPEAN CONFERENCE ON MATHEMATICS FOR INDUSTRY, 1/01/00. <https://doi.org/10.1007/978-3-319-23413-7>

Yli-Kaakinen, J, Renfors, M & Tuomivaara, H 2016, Multicarrier modulation for HF communications. in *2016 International Conference on Military Communications and Information Systems (ICMCIS)*. IEEE, International Conference on Military Communications and Information Systems, Brussels, Belgium, 23/05/16. <https://doi.org/10.1109/ICMCIS.2016.7496542>



Saarnisaari, H, Hovinen, V, Tuomivaara, H & Yli-Kaakinen, J 2016, Short range HF radio channel measurements: Search for one path channels. in *2016 International Conference on Military Communications and Information Systems (ICMCIS)* . International Conference on Military Communications and Information Systems, Brussels, Belgium, 23/05/16. <https://doi.org/10.1109/ICMCIS.2016.7496559>

Hokka, M, Mirrow, N, Nagel, H, Vogt, S & Kuokkala, V-T 2016, DIC measurements of the human heart during cardiopulmonary bypass surgery. in *Conference Proceedings of the Society for Experimental Mechanics Series*. vol. 6, Springer New York LLC, pp. 51-59, Society for experimental mechanics annual conference & exposition on experimental and applied mechanics, 1/01/00. [https://doi.org/10.1007/978-3-319-21455-9\\_6](https://doi.org/10.1007/978-3-319-21455-9_6)

Startceva, S, Chandraseelan, JG, Visa, A & Ribeiro, AS 2016, Quantitative Estimation of Long-living Fluorescent Molecules from Temporal Fluorescence Intensity Data Corrupted by Nonzero-mean Noise. in *BIOSIGNALS 2016 - 9th International Conference on Bio-Inspired Systems and Signal Processing, Proceedings; Part of 9th International Joint Conference on Biomedical Engineering Systems and Technologies, BIOSTEC 2016*. SCITEPRESS, pp. 17-24, INTERNATIONAL CONFERENCE ON BIO-INSPIRED SYSTEMS AND SIGNAL PROCESSING, 1/01/00.

Kärkkäinen, H & Silventoinen, A 2016, Different approaches of the PLM maturity concept and their use domains –analysis of the state of the art. in *Product Lifecycle Management in the Era of Internet of Things: 12th IFIP WG 5.1 International Conference, PLM 2015, Doha, Qatar, October 19-21, 2015, Revised Selected Papers*. IFIP Advances in Information and Communication Technology, vol. 467, Springer New York LLC, pp. 89-102, INTERNATIONAL CONFERENCE ON PRODUCT LIFECYCLE MANAGEMENT, 1/01/00. [https://doi.org/10.1007/978-3-319-33111-9\\_9](https://doi.org/10.1007/978-3-319-33111-9_9)

Alexandru, RC & Lohan, E-S 2016, Analysis of Real Mobility Records in Urban and Suburban Environments. in *26TH DAAAM International Symposium on Intelligent Manufacturing and Automation*. DAAAM International, pp. 0688-0692, DANUBE ADRIA ASSOCIATION FOR AUTOMATION & MANUFACTURING INTERNATIONAL SYMPOSIUM, 1/01/00. <https://doi.org/10.2507/26th.daaam.proceedings.094>

Hynynen, A 2016, Extending Professional Fields. Architectural Research and Regional Development. in K Kähkönen & M Keinänen (eds), *Proceedings of the CIB World Building Congress 2016.: Volume I - Creating built environments of new opportunities*. vol. I, Tampere University of Technology. Department of Civil Engineering, pp. 372-383, CIB WORLD BUILDING CONGRESS, 1/01/00.

Leivo, V, Aaltonen, A, Turunen, M, Du, L, Kiviste, M & Haverinen-Shaughnessy, U 2016, Ventilation rates and CO2-levels before and after energy retrofit in Finnish apartment buildings. in P Kvols Heiselberg (ed.), *CLIMA 2016 - Proceedings of the 12th REHVA World Congress. Aalborg. Aalborg University. Department of Civil Engineering. : Volume 1. Building Retrofit*. vol. 1, 192 (in vol 1), Aalborg university, Department of Civil Engineering, Aalborg, INTERNATIONAL CONFERENCE ON INDOOR AIR QUALITY, VENTILATION AND ENERGY CONSERVATION IN BUILDINGS, 1/01/00.

Haverinen-Shaughnessy, U, Pekkonen, M, Turunen, M, Aaltonen, A & Leivo, V 2016, Building energy retrofits, occupant health and wellbeing. in M Prins, H Wamelink, B Giddings, K Ku & M Feenstra (eds), *CIB World Building Congress 2016 Proceedings : Volume 2 Environmental Opportunities and challenges - Constructing commitment and acknowledging human experiences*. vol. 2, Tampere University of Technology. Department of Civil Engineering, pp. 679-687, CIB WORLD BUILDING CONGRESS, 1/01/00.

Sorri, J, Heljo, J, Järventausta, P, Honkapuro, S & Harsia, P 2016, Building Codes and Demand Response of Energy Use . in S Nenonen & J-M Junnonen (eds), *Proceedings of the CIB World Building Congress 2016: Volume IV: Understanding Impacts and Functioning of Different Solutions*. vol. 4, Tampere University of Technology. Department of Civil Engineering, pp. 8-21, CIB WORLD BUILDING CONGRESS, 1/01/00.

Keinänen, M, Uotila, U, Sorri, J, Teriö, O & Kähkönen, K 2016, Consensus building in the pre-design phase of building projects. in M Prins, H Wamelink, B Giddings, K Ku & M Feenstra (eds), *WBC16 Proceedings of the CIB World Building Congress 2016 Volume II : Environmental Opportunities and challenges, Constructing commitment and acknowledging human experiences*. vol. Volume II , Tampere University of Technology. Department of Civil Engineering. Construction Management and Economics., Tampere University of Technology. Department of Civil Engineering, pp. 561-572, CIB WORLD BUILDING CONGRESS, 1/01/00.

Kurvinen, A & Sorri, J 2016, Bus Transportation Accessibility - Does It Impact Housing Values? in S Nenonen & J-M Junnonen (eds), *Proceedings of the CIB World Building Congress 2016: Understanding impacts and functioning of different solutions*. vol. IV, Tampere University of Technology. Department of Civil Engineering, Tampere, pp. 321-331, CIB WORLD BUILDING CONGRESS, 1/01/00.

Narhi, M, Wetzel, B, Billet, C, Merolla, J-M, Toenger, S, Sylvestre, T, Morandotti, R, Genty, G, Dias, F & Dudley, JM 2016, Real Time Measurements of Temporal Rogue Waves and Spontaneous Modulation Instability in Optical Fiber. in *CLEO: QELS\_Fundamental Science 2016*., FF2A.7, Optical Society of America, CONFERENCE ON LASERS AND ELECTRO-OPTICS, 1/01/00. [https://doi.org/10.1364/CLEO\\_QELS.2016.FF2A.7](https://doi.org/10.1364/CLEO_QELS.2016.FF2A.7)

Holopainen, S 2016, Evolution equations based approach for modeling of fatigue in amorphous glassy polymers. On the investigation of fatigue damage development in polycarbonate. in M Papadarakakis, V Papadopoulos, G Stefanou & V Plevris (eds), *Proc. of VII European Congress on Computational Methods in Applied Sciences and Engineering, ECCOMAS Congress 2016. : M. Papadarakakis, V. Papadopoulos, G. Stefanou, V. Plevris (eds.) . Crete Island, Greece, 5 – 10 June 2016*. pp. 6675-6687, EUROPEAN CONGRESS ON COMPUTATIONAL METHODS IN APPLIED SCIENCES AND ENGINEERING, 1/01/00. <https://doi.org/10.7712/100016.2289.11047>

Pulkkinen, A, Huhtala, P, Leino, S-P, Anttila, JP & Vainio, VV 2016, Characterising the industrial context of engineering change management. in *Product Lifecycle Management in the Era of Internet of Things: 12th IFIP WG 5.1 International Conference, PLM 2015, Doha, Qatar, October 19-21, 2015, Revised Selected Papers*. IFIP Advances in Information and Communication Technology, vol. 467, Springer New York LLC, pp. 618-627, INTERNATIONAL CONFERENCE ON PRODUCT LIFECYCLE MANAGEMENT, 1/01/00. [https://doi.org/10.1007/978-3-319-33111-9\\_56](https://doi.org/10.1007/978-3-319-33111-9_56)

Vainio, VV & Pulkkinen, A 2016, A follow-up case study of the relation of PLM Architecture, Maturity and Business processes. in *Product Lifecycle Management in the Era of Internet of Things: 12th IFIP WG 5.1 International Conference, PLM 2015, Doha, Qatar, October 19-21, 2015, Revised Selected Papers*. IFIP Advances in Information and Communication Technology, vol. 467, Springer New York LLC, pp. 867-873, INTERNATIONAL CONFERENCE ON PRODUCT LIFECYCLE MANAGEMENT, 1/01/00. [https://doi.org/10.1007/978-3-319-33111-9\\_79](https://doi.org/10.1007/978-3-319-33111-9_79)

Behailu, BM & Mattila, H 2016, Need of Services and Understanding of Service Providers in Water and Sanitation: A Case of Ethiopia. in S Nenonen & J-M Junnonen (eds), *Proceedings of the CIB World Building Congress 2016 Volume IV: Understanding impacts and functioning of different solutions*. Tampere University of Technology, pp. 431-440, CIB World Building Congress, 1/01/13.

Rasilo, P, Aydin, U, Singh, D, Martin, F, Kouhia, R, Belahcen, A & Arkkio, A 2016, Multiaxial magneto-mechanical modelling of electrical machines with hysteresis. in *Proceedings of the 8th IET International Conference on Power Electronics, Machines and Drives, PEMD 2016*. IET, The Institution of Engineering and Technology, IET INTERNATIONAL CONFERENCE ON POWER ELECTRONICS, MACHINES AND DRIVES, 1/01/00. <https://doi.org/10.1049/cp.2016.0183>

Aalto, T, Harjanne, M, Offrein, BJ, Caër, C, Neumeier, C, Malacarne, A, Guina, M, Sheehan, RN, Peters, FH & Melanen, P 2016, Integrating III-V, Si, and polymer waveguides for optical interconnects: RAPIDO. in *Optical Interconnects XVI*., 97530D, Proceedings of SPIE, vol. 9753, SPIE, Optical Interconnects, 1/01/00. <https://doi.org/10.1117/12.2214786>

Salo, K, Giova, D & Mikkonen, T 2016, Backend infrastructure supporting audio augmented reality and storytelling. in *Human Interface and the Management of Information: Applications and Services: 18th International Conference, HCI International 2016 Toronto, Canada, July 17-22, 2016. Proceedings, Part II*. Lecture Notes in Computer Science, vol. 9735, Springer Verlag, pp. 325-335, International Conference on Human-Computer Interaction, Germany, 1/01/15. [https://doi.org/10.1007/978-3-319-40397-7\\_31](https://doi.org/10.1007/978-3-319-40397-7_31)

Pyrhönen, V-P 2016, Enhancing old laboratory experiment using flipped learning: Towards self-regulating collaborative groups in blended learning environment. in *SEFI conference 2016: Engineering Education on Top of the World: Industry University Cooperation*. Annual Conference of the European Society for Engineering Education, 1/01/00.

Pyrhönen, V-P, Seppälä, J & Salmenperä, M 2016, Computer-supported collaborative learning: Praxes in new cell-oriented configurable PC-classroom. in *SEFI conference 2016: Engineering Education on Top of the World: Industry University Cooperation*. Annual Conference of the European Society for Engineering Education, 1/01/00.

Koivisto, K, Forsman, J, Ronkainen, M, Lahtinen, P, Kolisoja, P & Kuula, P 2016, Commercialising reclaimed materials in earthworks – guidelines for productization and the process of appending these materials in the Finnish national code of practice. in *Proceedings of the 17th Nordic Geotechnical Meeting Reykjavik Iceland: Challenges in Nordic Geotechnic 25th - 28th of May*. Icelandic Geotechnical Society, Reykjavik, NORDIC GEOTECHNICAL MEETING, 1/01/00.

Zia, N, Viheriälä, J, Koskinen, R, Koskinen, M, Suomalainen, S & Guina, M 2016, Fabrication and characterization of broadband superluminescent diodes for 2 µm wavelength. in *Light-Emitting Diodes: Materials, Devices, and Applications for Solid State Lighting XX*, 97680Q, Proceedings of SPIE, vol. 9768, SPIE, Light-Emitting Diodes: Materials, Devices, and Applications for Solid State Lighting, 1/01/00. <https://doi.org/10.1117/12.2209720>

Davidson, P, Raunio, JP & Piché, R 2016, Accurate depth estimation from a sequence of monocular images supported by proprioceptive sensors. in *23rd Saint Petersburg International Conference on Integrated Navigation Systems, ICINS 2016 - Proceedings*. State Research Center of the Russian Federation, pp. 249-257, SAINT PETERSBURG INTERNATIONAL CONFERENCE ON INTEGRATED NAVIGATION SYSTEMS, 1/01/00.

Davidson, P & Merkulova, I 2016, Computer vision aided navigation systems. in *23rd Saint Petersburg International Conference on Integrated Navigation Systems, ICINS 2016 - Proceedings*. State Research Center of the Russian Federation, pp. 560-562, SAINT PETERSBURG INTERNATIONAL CONFERENCE ON INTEGRATED NAVIGATION SYSTEMS, 1/01/00.

Viheriälä, J, Aho, AT, Mäkelä, J, Salmi, J, Virtanen, H, Leinonen, T, Dumitrescu, M & Guina, M 2016, High-power 1550 nm tapered DBR lasers fabricated using soft UV-nanoimprint lithography. in *High-Power Diode Laser Technology and Applications XIV*, 97330Q, SPIE Conference Proceedings, vol. 9733, SPIE, High-Power Diode Laser Technology and Applications XIV, San Francisco, United States, 15/02/16. <https://doi.org/10.1117/12.2207423>

Lappalainen, K & Valkealahti, S 2016, Mathematical Parametrisation of Irradiance Transitions Caused by Moving Clouds for PV System Analysis. in *32nd European Photovoltaic Solar Energy Conference and Exhibition (32nd EU PVSEC), 20-24 June, 2016, Munich, Germany*. pp. 1485-1489, European Photovoltaic Solar Energy Conference, 1/01/14. <https://doi.org/10.4229/EUPVSEC20162016-5AO.8.4>

Jaakkola, H & Thalheim, B 2016, Recognising the culture context in information search. in H Jaakkola, B Thalheim, Y Kiyoki & N Yoshida (eds), *Proceedings of the 26th International Conference on Information Modelling and Knowledge Bases - EJC 2016. : June 6-10, 2016, Tampere, Finland*. . vol. 18, Tampere University of Technology Pori Department Publications, no. 18, Tampere University of Technology Pori Department, Tampere, pp. 167-185, International conference on information modelling and knowledge bases, 1/01/00.

Rantanen, P, Sillberg, P, Soini, J & Jaakkola, H 2016, Tag suggestions from social media profiles. in H Jaakkola, B Thalheim, Y Kiyoki & N Yoshida (eds), *Proceedings of the 26th International Conference on Information Modelling and Knowledge Bases - EJC 2016. : June 6-10, 2016, Tampere, Finland*. . vol. 18, Tampere University of Technology Pori Department Publications, Tampere University of Technology, Tampere, pp. 387-394, International conference on information modelling and knowledge bases, 1/01/00.

Kauppila, P, Kouhia, R, Ojanperä, J, Saksala, T & Sorjonen, T 2016, A continuum damage model for creep fracture and fatigue analyses. in *21st European Conference on Fracture, ECF21, 20-24 June 2016, Catania, Italy*. Procedia Structural Integrity, vol. 2, pp. 887-894, EUROPEAN CONFERENCE ON FRACTURE, FRACTURE MECHANICS FOR DURABILITY, RELIABILITY AND SAFETY, 1/01/00. <https://doi.org/10.1016/j.prostr.2016.06.114>

Ilomets, S, Kalamees, T & Lahdensivu, J 2016, Validation of the method to evaluate the corrosion propagation stage by hygrothermal simulation. in *CESB 2016 - Central Europe Towards Sustainable Building 2016: Innovations for Sustainable Future*. Czech Technical University in Prague, pp. 1113-1120, CENTRAL EUROPE TOWARDS SUSTAINABLE BUILDING CONFERENCE, 1/01/00.

Fotiadi, AA, Korobko, DA, Okhotnikov, OG & Zolotovskii, IO 2016, Optical fiber amplifier with spectral compression elements for high-power laser pulse generation. in *Nonlinear Optics and its Applications IV*. vol. 9894, 989411, Proceedings of SPIE, vol. 9894, SPIE, Nonlinear Optics and its Applications, 1/01/00. <https://doi.org/10.1117/12.2223637>

Isotalo, TJ & Niemi, T 2016, Dots-on-the-fly electron beam lithography. in C Bencher (ed.), *SPIE Proceedings: Alternative Lithographic Technologies VIII*. vol. 9777, 97771E, Proceedings of SPIE, SPIE, Alternative Lithographic Technologies, 1/01/00. <https://doi.org/10.1117/12.2219136>

Lahti, J 2016, Nanoscale barrier coating on BOPP packaging film by ALD. in *TAPPI PLACE Conference 2016: Exploring New Frontiers*. TAPPI Press, pp. 493-505, TAPPI PLACE conference, 1/01/00.

Smith, J, Kuokkala, V-T, Seidt, J & Gilat, A 2016, Full-Field Temperature and Strain Measurement in Dynamic Tension Tests on SS 304. in *Dynamic Behavior of Materials, Volume 1: Proceedings of the 2016 Annual Conference on Experimental and Applied Mechanics*. Conference proceedings of the Society for Experimental Mechanics, Springer International Publishing, pp. 37-44, Society for experimental mechanics annual conference & exposition on experimental and applied mechanics, 1/01/00. [https://doi.org/10.1007/978-3-319-41132-3\\_6](https://doi.org/10.1007/978-3-319-41132-3_6)

Pluduma, L, Freimanis, E, Gross, K, Koivuluoto, H, Algate, K, Haynes, D & Vuoristo, P 2016, Functionalizing Surface Electrical Potential of Hydroxyapatite Coatings. in *11th International Conference Medical Applications of Novel Biomaterials and Nanotechnology*. vol. 102, Advances in Science and Technology, vol. 102, pp. 12-17, Medical Applications of Novel Biomaterials and Nanotechnology, 1/01/00.

Hukka, JJ, Nyanchaga, EN & Katko, TS 2016, Integrated urban water management, the green economy and institutional eco-innovations. in A Saari & P Huovinen (eds), *Proceedings of the CIB World Building Congress 2016: Volume III - Building up business operations and their logic. Shaping materials and technologies*. Tampere University of Technology. Department of Civil Engineering, Tampere, pp. 260-271, CIB WORLD BUILDING CONGRESS, 1/01/00.

Katko, TS & Hukka, JJ 2016, Institutional development is the key for sustainable water services in the built environment. in S Nenonen & J-M Junnonen (eds), *Proceedings of the CIB World Building Congress 2016: Volume IV - Understanding impacts and functioning of different solutions*. Tampere University of Technology. Department of Civil Engineering, Tampere, pp. 419-430, CIB WORLD BUILDING CONGRESS, 1/01/00.

Adavanne, S, Parascandolo, G, Pertilä, P, Heittola, T & Virtanen, T 2016, Sound Event Detection in Multichannel Audio Using Spatial and Harmonic Features. in *Proceedings of the Detection and Classification of Acoustic Scenes and Events 2016 Workshop (DCASE2016)*. Tampere University of Technology. Department of Signal Processing, pp. 6-10, Detection and Classification of Acoustic Scenes and Events Workshop, 1/01/00.

Narhi, M, Wetzel, B, Billet, C, Merolla, J-M, Toenger, S, Sylvestre, T, Morandotti, R, Dias, F, Genty, G & Dudley, JM 2016, Direct Measurement of Temporal Rogue Waves Generated by Spontaneous Modulation Instability. in *Frontiers in Optics 2016.*, FTu3I.4, Optical Society of America, Frontiers in Optics / Laser Science, 1/01/00.

Närhi, M, Tengvall, M, Toivonen, J, Dudley, JM & Genty, G 2016, High Dynamic Range Single-Shot Spectral Measurements of Spontaneous Modulation Instability. in *Frontiers in Optics 2016.*, FF2B.1, Optical Society of America (OSA), Frontiers in Optics / Laser Science, 1/01/00.

Frantc, VA, Makov, SV, Voronin, VV, Marchuk, VI, Semenishchev, EA, Egiazarian, KO & Agaian, S 2016, Simultaneous binary hash and features learning for image retrieval. in *Mobile Multimedia/Image Processing, Security, and Applications 2016.*, 986902, SPIE Conference Proceedings, vol. 9869, SPIE, Mobile Multimedia/Image Processing, Security, and Applications, 1/01/00. <https://doi.org/10.1117/12.2223605>

Salmisto, A, Postareff, L & Nokelainen, P 2016, Relations between civil engineering students' approaches to learning, perceptions of the development of professional skills and perceived workload. in *44th Annual Conference of the European Society for Engineering Education SEFI2016: Proceedings: 12-15 September 2016, Tampere, Finland*. Annual Conference of the European Society for Engineering Education, 1/01/00.

- Salmisto, A, Keinänen, M & Kähkönen, K 2016, Development of students' multidisciplinary collaboration skills by simulation of the design process. in *Proceedings of the CIB World Building Congress 2016: Volume I - Creating built environments of new opportunities..* vol. 1, pp. 348-360, CIB WORLD BUILDING CONGRESS, 1/01/00.
- Alberucci, A, Pannian, JC, Slussarenko, S, Piccirillo, B, Santamato, E, Marrucci, L & Assanto, G 2016, A new waveguiding mechanism based upon geometric phase. in *Frontiers in Optics 2016.*, FF3H.3, Optical Society of America (OSA), Frontiers in Optics / Laser Science, 1/01/00.
- Pannian, JC, Alberucci, A, Boardman, A & Assanto, G 2016, Diffraction compensation of finite beams in hyperbolic metamaterials. in *Laser science 2016.*, JW4A.10, Optical Society of America (OSA), Frontiers in Optics / Laser Science, 1/01/00.
- Alberucci, A, Piccardi, A, Kravets, N, Buchnev, O, Pannian, JC & Assanto, G 2016, Nonperturbative nonlinear optics in liquid crystals. in *Laser science 2016.*, JW4A.12, Optical Society of America (OSA), Frontiers in Optics / Laser Science, 1/01/00.
- Lahti, J, Lavonen, J, Lahtinen, K, Johansson, P, Seppänen, T & Cameron, DC 2016, Improved properties for packaging materials by nanoscale surface modification and ALD barrier coating. in *TAPPI International Conference on Nanotechnology for Renewable Materials 2016.* vol. 2, TAPPI Press, pp. 684-706, TAPPI International Conference on Nanotechnology for Renewable Materials, 1/01/00.
- Mäkelä, A-M, Ali-Löytty, S, Humaloja, J-P, Joutsenlahti, J, Kauhanen, J & Kaarakka, T 2016, STACK assignments in university mathematics education. in *Proceedings of the 44th SEFI Conference, 12 - 15 September 2016, Tampere, Finland.* European Society for Engineering Education SEFI, Annual Conference of the European Society for Engineering Education, 1/01/00.
- Olsson, T, Väätäjä, H, Ihmäki, H, Jaana, O, Länsisalo, M, Veera, U & Lehto-Lunden, T 2016, Lean Software Design, Lean Education? Lessons from a Collaborative University-Industry Seminar. in *SEFI'16 - 44th Annual Conference of the European Society for Engineering Education.* European Society for Engineering Education SEFI, Annual Conference of the European Society for Engineering Education, 1/01/00.
- Teriö, O, Hämäläinen, J, Uotila, U, Sorri, J & Saari, A 2016, Moisture and building processes in Finland. in K Kähkönen & M Keinänen (eds), *Proceedings of the 20th CIB World Building Congress 2016: Volume I - Creating built environments of new opportunities. (Tampere University of Technology. Department of Civil Engineering. Construction Management and Economics. Report; Vol. 18)..* vol. I, Tampere University of Technology. Department of Civil Engineering, Tampere, pp. 907-917, CIB WORLD BUILDING CONGRESS, 1/01/00.
- Stormi, K, Laine, T & Korhonen, T 2016, Agile methods in performance management system development process. in *10th Conference On New Directions In Management Accounting, Brussels, Belgium, December 14-16, 2016.* CONFERENCE ON NEW DIRECTIONS IN MANAGEMENT ACCOUNTING, 1/01/00.
- Nyuppieva, E, Laine, T & Lyly-Yrjänäinen, J 2016, Visual narratives in the value chain of new management accounting knowledge. in *10th Conference On New Directions In Management Accounting: Brussels, Belgium, December 14-16, 2016.* CONFERENCE ON NEW DIRECTIONS IN MANAGEMENT ACCOUNTING, 1/01/00.
- Hakkarainen, T, Tommila, J, Schramm, A, Simonen, J, Niemi, T, Strelow, C, Kipp, T, Kontio, J & Guina, M 2016, Site-controlled InAs Quantum Dots for Plasmonics. in *Conference on Lasers and Electro-Optics 2016: QELS\_Fundamental Science.*, FM1B.3, OSA - The Optical Society, CONFERENCE ON LASERS AND ELECTRO-OPTICS, 1/01/00. [https://doi.org/10.1364/CLEO\\_QELS.2016.FM1B.3](https://doi.org/10.1364/CLEO_QELS.2016.FM1B.3)
- Lehtonen, V & Länsivaara, T 2016, Back-calculation of the Saint-Alban A test embankment with a new modelling approach in LEM. in *Proceedings of the The 17th Nordic Geotechnical Meeting, Reykjavik Iceland: 25th - 28th of May 2016.* pp. 691-699, NORDIC GEOTECHNICAL MEETING, 1/01/00.

Van Mellaert, R, Mela, K, Tiainen, T, Heinisuo, M, Lombaert, G & Schevenels, M 2016, A mixed-integer linear programming approach for global discrete size optimization of frame structures. in *ECCOMAS Congress 2016 - Proceedings of the 7th European Congress on Computational Methods in Applied Sciences and Engineering: Crete; Greece; 5 June 2016 through 10 June 2016*. vol. 2, National Technical University of Athens, pp. 3395-3408, EUROPEAN CONGRESS ON COMPUTATIONAL METHODS IN APPLIED SCIENCES AND ENGINEERING, 1/01/00.

Sandström, N, Hytti, V, Nenonen, S & Lonka, K 2016, How is it sustainable? Identifying key indicators for sustainable educational design. in L Gómez Chova, A López Martínez & I Candel Torres (eds), *10th INTED 2016 Conference Proceedings: 7-9 March, 2016, Valencia, Spain*. INTED proceedings, pp. 4217-4219, INTERNATIONAL TECHNOLOGY, EDUCATION AND DEVELOPMENT CONFERENCE, 1/01/00. <https://doi.org/10.21125/inted.2016.2037>

Vasell, T, Vuolle, M, Petrulaitiene, V, Nenonen, S & Jylhä, T 2016, Identifying and measuring customer value - case multi-locational worker. in S Nielsen & PA Jensen (eds), *Research papers for EuroFM's 15th research symposium at EFMC2016: 8-9 June 2016 in Milan, Italy*. EuroFM, pp. 143-151, EUROPEAN FACILITY MANAGEMENT CONFERENCE, 1/01/00.

Virtanen, J-P, Hyyppä, H, Stähle, P, Kalliokoski, S, Kähkönen, KE, Ahlavoio, M, Launonen, P, Hyyppä, J, Kukko, A & Julin, A 2016, New value chains to construction: advancing products and services. in N Achour (ed.), *Proceedings of the 20th CIB World Building Congress 2016: Advancing products and services*. vol. V, Tampere University of Technology. Department of Civil Engineering, pp. 954-965, CIB WORLD BUILDING CONGRESS, 1/01/00.

Petrulaitiene, V, Rytönen, E & Nenonen, S 2016, Towards responsive workspaces - identification of service paths for time-and-place independent work. in N Achour (ed.), *Proceedings of the 20th CIB World Building Congress 2016: May 30 - June 3, 2016 Tampere Finland*. vol. V, Tampere University of Technology, pp. 1141-1151, CIB WORLD BUILDING CONGRESS, 1/01/00.

Nenonen, S, Eriksson, R, Niemi, O, Junghans, A, Nielsen, SB & Lindahl, G 2016, Campus retrofitting (CARE) methodology: a way to co-create future learning environments. in *Proceedings of the 20th CIB World Building Congress 2016: May 30-June 3, 2016, Tampere, Finland*. pp. 738-749, CIB WORLD BUILDING CONGRESS, 1/01/00.

Ryczkowski, P, Barbier, M, Friberg, AT, Dudley, JM & Genty, G 2016, Single Shot Time Domain Ghost Imaging using Wavelength Multiplexing. in *Frontiers in Optics 2016.*, FTh5C.6, Optical Society of America (OSA), Frontiers in Optics / Laser Science, 1/01/00. <https://doi.org/10.1364/FIO.2016.FTh5C.6>

Mäki, A-J, Kontunen, A, Rynnänen, T, Verho, J, Kreutzer, J, Lekkala, J & Kallio, P 2016, Design and simulation of a thermal flow sensor for gravity-driven microfluidic applications. in *IEEE 11th Annual International Conference on Nano/Micro Engineered and Molecular Systems (NEMS)*. IEEE, pp. 125-129, IEEE INTERNATIONAL CONFERENCE ON NANO/MICRO ENGINEERED AND MOLECULAR SYSTEMS, 1/01/00. <https://doi.org/10.1109/NEMS.2016.7758214>

Rundgren, A, Joutsenlahti, J & Mäkinen, J 2016, Is languaging experienced to improve understanding of structural mechanics? in *44th SEFI 2016 Annual Conference: 12-15 September 2016 in Tampere, Finland*. Annual Conference of the European Society for Engineering Education, 1/01/00.

Takala, A 2016, Learning for sustainable water and sanitation services. in B Mazijn (ed.), *Proceedings of the 8th International Conference on Engineering Education for Sustainable Development (Bruges, 4-7 September 2016) : Building a circular economy together.*, D.3.2, Instituut voor Duurzame Ontwikkeling vzw, Brugge, pp. 250-258.

Rautiainen, A, Lummi, K, Järventausta, P, Tikka, V & Lana, A 2016, Control of Electric Vehicle Charging in Domestic Real Estates as Part of Demand Response Functionality. in *Cired Workshop 2016.*, 0240, International conference on electricity distribution workshop, 1/01/00.

Kumpulainen, L, Kauhaniemi, K, Repo, S, Valkealahti, S, Honkapuro, S, Partanen, J, Koivisto-Rasmussen, R & Järventausta, P 2016, Roadmap towards the vision of the future power system and electricity market. in *Cired Workshop 2016*. Institution of Engineering and Technology, Cired Workshop, Helsinki, Finland, 14/06/16. <https://doi.org/10.1049/cp.2016.0690>

Mutanen, A, Niska, H & Järventausta, P 2016, Mining smart meter data - Case Finland. in *CIREC Workshop 2016*. Institution of Engineering and Technology, International conference on electricity distribution workshop, 1/01/00. <https://doi.org/10.1049/cp.2016.0776>

Markkula, J, Vilppo, O, Järventausta, P, Hakala, T & Lähdeaho, T 2016, Profitability of different li-ion batteries as back-up power in LVDC distribution network. in *CIREC Workshop 2016*. International conference on electricity distribution workshop, 1/01/00. <https://doi.org/10.1049/cp.2016.0787>

Kurki, V 2016, Negotiating water governance: towards cooperation in contentious groundwater recharge projects. in *Proceedings of the CIB World Building Congress 2016: Volume I - Creating built environments of new opportunities*. Tampere University of Technology. Department of Civil Engineering, pp. 91-102, CIB WORLD BUILDING CONGRESS, 1/01/00.

Naaranoja, M, Kähkönen, K & Keinänen, M 2016, Role of Power and Sense Making in the Briefing of a Small Renovation Project. in *Proceedings of the CIB World Building Congress 2016: Volume I - Creating built environments of new opportunities*. Tampere University of Technology. Department of Civil Engineering, pp. 611-621, CIB WORLD BUILDING CONGRESS, 1/01/00.

Huhtelin, M & Nenonen, S 2016, The Workplace for Researchers – Enhancing Concentration and Face-to-face Interaction . in *Proceedings of the CIB World Building Congress 2016: Volume I - Creating built environments of new opportunities*. Tampere University of Technology. Department of Civil Engineering, pp. 753-764, CIB WORLD BUILDING CONGRESS, 1/01/00.

Viita, J & Junnonen, J-M 2016, Empowerment in construction: a qualitative analysis of subcontractors' quality assurance. in *Proceedings of the CIB World Building Congress 2016: Volume II - Environmental Opportunities and Challenges. Constructing Commitment and Acknowledging Human Experiences*. Tampere University of Technology. Department of Civil Engineering, pp. 436-448, CIB WORLD BUILDING CONGRESS, 1/01/00.

Kostiainen, E & Nenonen, S 2016, Perspective of Social Usability in the Change Processes of an Academic Workplace. in *Proceedings of the CIB World Building Congress 2016: Volume II - Environmental Opportunities and Challenges. Constructing Commitment and Acknowledging Human Experiences*. Tampere University of Technology. Department of Civil Engineering, pp. 688-701, CIB WORLD BUILDING CONGRESS, 1/01/00.

Airo, K, Vaara, L & Nenonen, S 2016, Spatial borders and affordances of a temporary school building – Enhancing the school engagement and learning experience. in *Proceedings of the CIB World Building Congress 2016: Volume II - Environmental Opportunities and Challenges. Constructing Commitment and Acknowledging Human Experiences*. Tampere University of Technology. Department of Civil Engineering, pp. 715-725, CIB WORLD BUILDING CONGRESS, 1/01/00.

Köliö, A, Lahdensivu, J & Pentti, M 2016, Reinforcement Corrosion Modelling in Renovation Strategy for Concrete Facades. in *Proceedings of the CIB World Building Congress 2016: Volume III - Building Up Business Operations and Their Logic. Shaping Materials and Technologies*. Tampere University of Technology. Department of Civil Engineering, pp. 199-211, CIB WORLD BUILDING CONGRESS, 1/01/00.

Bragadin, MA & Kähkönen, K 2016, Resource – Space Charts for Construction Workspace Scheduling. in *Proceedings of the CIB World Building Congress 2016: Volume III - Building Up Business Operations and Their Logic. Shaping Materials and Technologies*. Tampere University of Technology. Department of Civil Engineering, pp. 677-688, CIB WORLD BUILDING CONGRESS, 1/01/00.

Pietilä, P, Arvonen, V & Katko, T 2016, Role of Water Cooperatives in Water Service Production - Lessons from Finland and Denmark. in N Achour (ed.), *Proceedings of the 20th CIB World Building Congress 2016: May 30 – June 3, 2016 Tampere Finland*. vol. V, Tampere University of Technology, pp. 1152-1161, CIB WORLD BUILDING CONGRESS, 1/01/00.

Prudanov, A, Tkachev, S, Golos, N, Masek, P, Hosek, J, Fujdiak, R, Zeman, K, Ometov, A, Bezzateev, S, Voloshina, N, Andreev, S & Misurec, J 2016, A trial of yoking-proof protocol in RFID-based smart-home environment. in *Distributed Computer and Communication Networks - 19th International Conference, DCCN 2016, Revised Selected Papers*. vol. 678, Communications in Computer and Information Science, vol. 678, Springer Verlag, pp. 25-34, INTERNATIONAL CONFERENCE ON DISTRIBUTED COMPUTER AND COMMUNICATIONS NETWORKS, 1/01/00. [https://doi.org/10.1007/978-3-319-51917-3\\_3](https://doi.org/10.1007/978-3-319-51917-3_3)

Juuti, T, Kopra, MJ, Rättyä, K & Lehtonen, T 2016, How to benefit from learning logs in engineering education? in *44th Annual Conference of the European Society for Engineering Education - Engineering Education on Top of the World: Industry-University Cooperation, SEFI 2016*. European Society for Engineering Education SEFI, Annual Conference of the European Society for Engineering Education, 1/01/00.

Lehtonen, T, Juuti, T, Vanhatalo, M, Kopra, MJ & Rättyä, K 2016, Leadership instead of grading - The new goals of assessment. in *44th Annual Conference of the European Society for Engineering Education - Engineering Education on Top of the World: Industry-University Cooperation, SEFI 2016*. European Society for Engineering Education SEFI, Annual Conference of the European Society for Engineering Education, 1/01/00.

Niemelä, P, Di Flora, C, Helevirta, M & Isomöttönen, V 2016, Educating future coders with a holistic ICT curriculum and new learning solutions. in *7th International Multi-Conference on Complexity, Informatics and Cybernetics, IMCIC 2016 and 7th International Conference on Society and Information Technologies, ICSIT 2016*. vol. 2, IIS, pp. 132-136, International Multi-Conference on Complexity, Informatics and Cybernetics, 1/01/00.

Rubel, O, Ponomarenko, N, Lukin, V, Astola, J & Egiazarian, K 2015, HVS-based local analysis of denoising efficiency for DCT-based filters. in *2015 2nd International Scientific-Practical Conference Problems of Infocommunications Science and Technology, PIC S and T 2015 - Conference Proceedings*. IEEE, pp. 189-192, International Scientific-Practical Conference Problems of Infocommunications Science and Technology, 1/01/00. <https://doi.org/10.1109/INFOCOMMST.2015.7357309>

Kozhemiakina, N, Lukin, V, Ponomarenko, N, Akulynichev, A, Astola, J & Egiazarian, K 2015, Method of data compression for traffic monitoring. in *2015 2nd International Scientific-Practical Conference Problems of Infocommunications Science and Technology, PIC S and T 2015 - Conference Proceedings*. IEEE, pp. 153-156, International Scientific-Practical Conference Problems of Infocommunications Science and Technology, 1/01/00. <https://doi.org/10.1109/INFOCOMMST.2015.7357299>

Naumenko, V, Solodovnik, V, Totsky, A, Zelensky, A & Astola, J 2015, Bispectrum-based demodulation technique using triple-channel heterodyning of triplet-signal. in *2015 Second International Scientific-Practical Conference Problems of Infocommunications Science and Technology (PIC S&T)*. IEEE, pp. 224-226, International Scientific-Practical Conference Problems of Infocommunications Science and Technology, 1/01/00. <https://doi.org/10.1109/INFOCOMMST.2015.7357319>

Seppänen, M, Dedehayir, O, Still, K, Valkokari, K & Suominen, A 2015, Platform Competences to Enhance Network Effects in Business Ecosystems. in *2015 ISPIM Innovation Summit in Brisbane, Australia - 6-9 December 2015*. International Society for Professional Innovation Management ISPIM, International Society for Professional Innovation Management's Innovation Conference, 1/01/00.

Tukiainen, M, Helander, N & Mäkinen, M 2015, MYSTERY SHOPPERS RECOGNISING KNOWLEDGE SHARING BARRIERS IN HIGHER EDUCATION. in *ICERI2015 Proceedings: 8th annual International Conference of Education, Research and Innovation Seville (Spain). 16th - 18th of November, 2015*. . International Conference of Education, Research and Innovation, 1/01/00.

Tukiainen, M, Mäkinen, M & Helander, N 2015, University Students' Perceptions of Academic Writing: An Academic Literacies Perspective. in *ICERI2015 Proceedings: 8th annual International Conference of Education, Research and Innovation Seville (Spain). 16th - 18th of November, 2015*. pp. 7589-7595, International Conference of Education, Research and Innovation, 1/01/00.

Nurminen, H, Ardeshiri, T, Piche, R & Gustafsson, F 2015, A NLOS-robust TOA positioning filter based on a skew-t measurement noise model. in *2015 International Conference on Indoor Positioning and Indoor Navigation (IPIN)*. IEEE, pp. 1-7, International Conference on Indoor Positioning and Indoor Navigation, 1/01/00. <https://doi.org/10.1109/IPIN.2015.7346786>



- Karimi, N, Kunwar, P & Toivonen, J 2015, Direct Laser Writing of Fluorescent Silver Nanoclusters in Polyvinyl Alcohol Films. in *Frontiers in Optics 2015: Proceedings.*, FTu5E.4, OSA annual meeting, Frontiers in Optics, San Jose, United States, 18/11/15. <https://doi.org/10.1364/FIO.2015.FTu5E.4>
- Sislian, R, Da Silva, FV, Gedraite, R, Jokinen, H & An, DKR 2015, Development of a Low-Cost Fuzzy Gain Schedule Neutralization Control System. in *WCECS 2015 - World Congress on Engineering and Computer Science 2015*. vol. II, Lecture Notes in Engineering and Computer Science, vol. 2220, Newswood Limited, pp. 575-578, WORLD CONGRESS ON ENGINEERING AND COMPUTER SCIENCE, 1/01/00.
- Viheriäkoski, T, Kohtamäki, J, Peltoniemi, T & Tamminen, P 2015, Benchmarking of Factory Level ESD Control. in *Electrical Overstress/Electrostatic Discharge Symposium Proceedings 2015*. vol. 2015, 6B.1, IEEE COMPUTER SOC, USA, Electrical Overstress/Electrostatic Discharge Symposium, 1/01/00. <https://doi.org/10.1109/EOSESD.2015.7314769>
- Tamminen, P, Ukkonen, L & Sydänheimo, L 2015, The effect of USB ground cable and product dynamic capacitance on IEC61000-4-2 qualification. in *Electrical Overstress / Electrostatic Discharge Symposium Proceedings 2015*. vol. 2015, 7B.2, IEEE COMPUTER SOC, USA, Electrical Overstress/Electrostatic Discharge Symposium, 1/01/00. <https://doi.org/10.1109/EOSESD.2015.7314766>
- Viheriäkoski, T, Kohtamäki, J, Peltoniemi, T & Tamminen, P 2015, Uncertainties in Charge Measurements of ESD Risk Assessment. in *Electrical Overstress / Electrostatic Discharge Symposium Proceedings 2015*. vol. 2015, 6B.3, IEEE COMPUTER SOC, USA, Electrical Overstress/Electrostatic Discharge Symposium, 1/01/00. <https://doi.org/10.1109/EOSESD.2015.7314802>
- Tamminen, P, Viheriäkoski, T, Ukkonen, L & Sydänheimo, L 2015, ESD and Disturbance Cases in Electrostatic Protected Areas. in *Electrical Overstress / Electrostatic Discharge Symposium Proceedings 2015*. vol. 2015, 5B.2, IEEE COMPUTER SOC, USA, Electrical Overstress/Electrostatic Discharge Symposium, 1/01/00. <https://doi.org/10.1109/EOSESD.2015.7314792>
- Rizwan, M, Rahmat-Samii, Y & Ukkonen, L 2015, Circularly Polarized Textile Antenna For 2.45 GHz. in *Circularly Polarized Textile Antenna For 2.45 GHz*. IEEE, pp. 51-52, IEEE International Microwave Workshop Series on RF and Wireless Technologies for Biomedical and Healthcare Applications, 1/01/14. <https://doi.org/10.1109/IMWS-BIO.2015.7303755>
- Schnabel, J & Valkealahti, S 2015, Compensation of PV generator output power fluctuations with energy storage systems . in *31st European Photovoltaic Solar Energy Conference and Exhibition (31st EU PVSEC), 14– 18 September, 2015, Hamburg, Germany*. pp. 2177-2181, European Photovoltaic Solar Energy Conference, 1/01/14. <https://doi.org/10.4229/EUPVSEC20152015-5BV.2.6>
- Lappalainen, K & Valkealahti, S 2015, Recognition of shading events caused by moving clouds and determination of shadow velocity from solar radiation measurements. in *31st European Photovoltaic Solar Energy Conference and Exhibition (31st EU PVSEC), 14– 18 September, 2015, Hamburg, Germany* . pp. 1568-1573, European Photovoltaic Solar Energy Conference, 1/01/14. <https://doi.org/10.4229/EUPVSEC20152015-5AO.7.5>
- Ammirato, S, Michele Felicetti, A, Della Gala, M, Aramo-Immonen, H & Jussila, J 2015, Knowledge Management and Emerging Collaborative Networks in Tourism Business Ecosystems. in M Massaro & A Garlatti (eds), *Proceedings of the 16th European Conference on Knowledge Management (ECKM 2015), University of Udine, Italy, 3-4 September 2015*. Academic Conferences and Publishing International Limited, Reading, UK, pp. 19-26, European conference on knowledge management, 1/01/00.
- Helander, N, Vesalainen, J & Juha, P 2015, Coopetition and company performance. in *IMP 2015 Conference*.
- Dehghani, N, Supponen, A & Repo, S 2015, Risk Assessment of Major Storm Situation in Distribution System. in *2015 50th International Universities Power Engineering Conference (UPEC)*. IEEE, International Universities Power Engineering Conference, 1/01/00. <https://doi.org/10.1109/UPEC.2015.7339808>

Khan, W, Björninen, T, Ukkonen, L & Sydänheimo, L 2015, Two-turns antenna and magnetic materials for effective powering of mm-size implant in wireless brain-machine interface system. in *2015 IEEE MTT-S 2015 International Microwave Workshop Series on RF and Wireless Technologies for Biomedical and Healthcare Applications (IMWS-BIO)*. IEEE, pp. 103-104, IEEE International Microwave Workshop Series on RF and Wireless Technologies for Biomedical and Healthcare Applications, 1/01/14. <https://doi.org/10.1109/IMWS-BIO.2015.7303798>

Heinimäki, TJ & Elomaa, T 2015, Augmenting Technology Trees: Automation and Tool Support. in *Proceedings of the Seventh International Conference on Virtual Worlds and Games for Serious Applications (VS-Games 2015)*. IEEE, pp. 68-75, International Conference on Games and Virtual Worlds for Serious Applications, 1/01/00. <https://doi.org/10.1109/VS-GAMES.2015.7295765>

Mardoukhi, A, Hokka, M & Kuukkala, V-T 2015, Effects of surface cracks and strain rate on the tensile behavior of Balmoral Red granite. in *11th International Conference on the Mechanical and Physical Behaviour of Materials Under Dynamic Loading.*, 02007, EDP Sciences, International conference on the mechanical and physical behaviour of materials under dynamic loading, 1/01/00.