

Amr, Alia'a ; Saad, Magdy . / **Growth of Urban Peripheries with Reference to Inconsistent Spatial Planning Policies: South-east Amman as case study.** In: European International Journal of Science and Technology. 2015 ; Vol. 4, No. 3. pp. 54-68.

Piche, Robert Adrien. / **Mezhdunarodnaya konferencia po pozicionirovaniyu i navigacii vnutri pomeshhenij.** In: Giroskopiya I Navigatsiya. 2015 ; Vol. 88, No. 1. pp. 122-124.

Ryczkowski, P. ; Närhi, M. ; Billet, C. ; Merolla, J. -M. ; Genty, G. ; Dudley, J. M. / **Real-time measurements of dissipative solitons in a mode-locked fiber laser.** In: arXiv eprint. 2017.

Messo, Tuomas ; Roinila, Tomi ; Aapro, Aapo ; Luhtala, Roni. / **Accurate impedance model of grid-connected inverter for small-signal stability assessment in high-impedance grid.** In: IEEJ JOURNAL OF INDUSTRY APPLICATIONS. 2019 ; Vol. 8, No. 3.

Huhtelin, Mervi ; Nenonen, Suvi. / **A Co-creation Centre for University–Industry Collaboration – A Framework for Concept Development.** In: Procedia Economics and Finance. 2015 ; Vol. 21. pp. 137 - 145.

Stepanova, Ekaterina ; Kudryavtsev, Ilya ; Lohan, Elena-Simona. / **Acquisition of E5 Galileo signals in Matlab.** In: Procedia Engineering. 2015 ; Vol. 104. pp. 36-42.

Chaudhary, Sunil ; Zhao, Yan ; Berki, Eleni ; Valtanen, Juri ; Li, Linfeng ; Helenius, Marko ; Mystakidis, Stylianos . / **A Cross-Cultural and Gender-Based Perspective for Online Security: Exploring Knowledge, Skills and Attitudes of Higher Education Students.** In: IADIS International Journal on WWW/Internet. 2015 ; Vol. 13, No. 1. pp. 57-71.

Habib, Muhammad ; Hussain, Ayyaz ; Rasheed, Saqib ; Ali, Mubashir. / **Adaptive fuzzy inference system based directional median filter for impulse noise removal.** In: AEU International Journal of Electronics and Communication. 2016 ; Vol. 70, No. 5. pp. 689-697.

Leivo, Virpi ; Kiviste, Mihkel ; Aaltonen, Anu ; Turunen, Mari ; Haverinen-Shaughnessy, Ulla. / **Air pressure difference between indoor and outdoor or staircase in multi-family buildings with exhaust ventilation system in Finland.** In: Energy Procedia. 2015 ; Vol. 78C. pp. 1218-1223.

Rojas, Vania ; Martinez, Francisco ; Bernede, Jean Christian ; Guenadez, Linda Cattin ; Efimov, Alexander ; Lemmetyinen, Helge. / **Alkyl thiophene vinylene electropolymerization in C8mimPF6, potential use in solar cells.** In: Materials Sciences and Applications. 2017 ; Vol. 8, No. 5. pp. 405-417.

Sheikh, Muhammad Usman ; Lempiainen, Jukka. / **Analysis of outdoor and indoor propagation at 15 GHz and millimeter wave frequencies in microcellular environment.** In: Advances in Science, Technology and Engineering Systems. 2018 ; Vol. 3, No. 1. pp. 160-167.

Passinmäki, Pekka . / **Architecture beyond signs and symbols : Zumthor's response to the problems of aesthetics.** In: ARQ-Architectural Research Quarterly. 2016 ; Vol. 19, No. 4. pp. 325-328.

Gómez-Herrero, Germán ; Wu, Wei ; Rutanen, Kalle ; Soriano, Miguel C. ; Pipa, Gordon ; Vicente, Raul. / **Assessing coupling dynamics from an ensemble of time series.** In: Entropy. 2015 ; Vol. 17, No. 4. pp. 1958-1970.

Saari, Ulla ; Aarikka-Stenroos, Leena ; Boedeker, Stina ; Köppä, Leena ; Langwaldt, Jörg. / **Assessing the usefulness of an early idea development tool among experienced researchers.** In: CERN IdeaSquare Journal of Experimental Innovation . 2017 ; Vol. 1, No. 2. pp. 3-8.

Kanerva, M. ; Besharat, Z. ; Pärnänen, T. ; Jokinen, J. ; Honkanen, M. ; Sarlin, E. ; Göthelid, M. ; Schlenzka, D. / **Automatization and stress analysis data of CoCr laser weld fatigue tests.** In: Data in Brief. 2019 ; Vol. 26.

Spruijt-Metz, Donna ; Hekler, Eric ; Saranummi, Niilo ; Intille, Stephen ; Korhonen, Ilkka ; Nilsen, Wendy ; Rivera, Daniel E. ; Spring, Bonnie ; Michie, Susan ; Asch, David A. ; Sanna, Alberto ; Salcedo, Vicente Traver ; Kukakfa, Rita ; Pavel, Misha. / **Building new computational models to support health behavior change and maintenance : new opportunities in behavioral research.** In: Translational Behavioral Medicine. 2015 ; Vol. 5, No. 3. pp. 335-346.

Yli-Hietanen, Jari ; Ylipää, Antti ; Yli-Harja, Olli. / **Cancer research in the era of next-generation sequencing and big data calls for intelligent modeling.** In: Chinese Journal of Cancer. 2015 ; Vol. 34, No. 10.

Garifullin, M. ; Bronzova, M. K. ; Heinisuo, M. ; Mela, K. ; Pajunen, S. / **Cold-formed RHS T joints with initial geometrical imperfections.** In: Magazine of Civil Engineering. 2018 ; Vol. 80, No. 4. pp. 81-94.

Teymouri, Shokoufeh ; Calejo, Maria Teresa ; Hiltunen, Maiju ; Sorkio, Anni E. ; Juuti-Uusitalo, Kati ; Skottman, Heli ; Kellomäki, Minna. / **Collagen-immobilized polyimide membranes for retinal pigment epithelial cell adherence and proliferation.** In: Cogent Chemistry. 2017 ; Vol. 3, No. 1.

Munir, M. W. ; Shahid, N. ; Omair, S. M. ; Munir, G. ; Ul Haque, M. Z. / **Comparative investigation of remote tracking devices for aging care.** In: INTERNATIONAL JOURNAL OF INFORMATION TECHNOLOGY. 2017 ; Vol. 9, No. 3. pp. 261-266.

Alexandru, Rusu-Casandra ; Lohan, Elena-Simona. / **Comparison of Detection Techniques for Multipath Propagation of Pseudolite Signals Used in Dense Industrial Environments.** In: Procedia Engineering. 2015 ; Vol. 100, No. C. pp. 1294-1300.

Keinänen, Marko ; Kähkönen, Kalle. / **Core Project Team As a Management Entity for Construction Projects.** In: In\_bo: Ricerche e progetti per il territorio, la città e l'architettura. Construction Management. 2018 ; Vol. 9, No. 13. pp. 208-217.

Vainio, Teija ; Walsh, Tanja ; Varsaluoma, Jari. / **Cross-Cultural Design of Mobile Mathematics Learning Service for South African Schools.** In: IADIS International Journal on WWW/Internet. 2015 ; Vol. 12, No. 1. pp. 81-93.

Róg, Tomasz ; Orłowski, Adam ; Llorente, Alicia ; Skotland, Tore ; Sylvänne, Tuulia ; Kauhanen, Dimple ; Ekroos, Kim ; Sandvig, Kirsten ; Vattulainen, Ilpo. / **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.** In: Data in Brief. 2016 ; Vol. 7. pp. 1171-1174.

Bernard, Alain ; Coatanea, Eric ; Christophe, François ; Laroche, Florent. / **Design: A Key Stage of Product Lifecycle.** In: Procedia CIRP. 2014 ; Vol. 21. pp. 3-9.

Sasaki, Yuichiro ; Suzuki, Takuji ; Iwagami, Takuma ; Tani, Takaharu ; Naganuma, Hideki ; Kino, Hisashi ; Hyttinen, Jari ; Kellomäki, Minna ; Tanaka, Tetsu. / **Development of chip-surface stimulus electrode array for fully-implantable subretinal prosthesis chip.** In: Transactions of Japanese Society for Medical and Biological Engineering. 2014 ; Vol. 52. pp. O-253-O-254.

Tani, Takaharu ; Naganuma, Hideki ; Harashima, Takuya ; Iwagami, Takuma ; Kino, Hisashi ; Kiyoyama, Koji ; Kellomäki, Minna ; Hyttinen, Jari ; Tanaka, Tetsu. / **Development of Si neural probe module with adjustable gain amplifier for neuronal signal recording.** In: Transactions of Japanese Society for Medical and Biological Engineering. 2014 ; Vol. 52. pp. O-377-O-378.

Ellman, Asko ; Tiainen, Tarja. / **Diffusion of innovation : Case of co-design of cabins in mobile work machine industry.** In: Computers. 2019 ; Vol. 8, No. 2.

Fei, Ze Song ; Gao, Qiang ; Fu, You ; Isotalo, Tero ; Niemelä, Jarno. / **Distributed power allocation over indoor multi-pico stations.** In: Journal of the Beijing Institute of Technology. 2015 ; Vol. 24, No. 2. pp. 227-232.

Allahham, MHD Saria ; Al-Sa'd, Mohammad F. ; Al-Ali, Abdulla ; Mohamed, Amr ; Khattab, Tamer ; Erbad, Aiman. / **DroneRF dataset : A dataset of drones for RF-based detection, classification and identification**. In: Data in Brief. 2019 ; Vol. 26.

Tan, Lea Chua ; Nancharaiah, Yarlagadda V. ; van Hullebusch, Eric D. ; Lens, Piet N. L. / **Effect of elevated nitrate and sulfate concentrations on selenate removal by mesophilic anaerobic granular sludge bed reactors**. In: Environmental Science: Water Research & Technology. 2018 ; Vol. 4, No. 2. pp. 303-314 .

Singh, A. ; Vihinen, J. ; Frankberg, E. ; Hyvärinen, L. ; Honkanen, M. ; Levänen, E. / **Effect of Laser Power on Yield of TiO<sub>2</sub> Nanoparticles Synthesized by Pulsed Laser Ablation in Water**. In: Journal of Ceramic Science and Technology. 2017 ; Vol. 8, No. 1. pp. 39-43.

Baczkiwicz, Jolanta ; Pajunen, Sami ; Heinisuo, Markku. / **Effect of radiation inside square hollow section under moderate non-symmetric fire**. In: Fire Research. 2018 ; Vol. 2, No. 1. pp. 25-30.

Stupnikov, Alexey ; Glazko, Galina V. ; Emmert-Streib, Frank. / **Effects of subsampling on characteristics of RNA-seq data from triple-negative breast cancer patients**. In: Chinese Journal of Cancer. 2015 ; Vol. 34, No. 10.

Assanto, Gaetano ; Perumbilavil, Sreekanth ; Piccardi, Armando ; Kauranen, Martti. / **Electro-optic steering of random laser emission in liquid crystals**. In: Photonics Letters of Poland. 2018 ; Vol. 10, No. 4. pp. 103-105.

Du, Liuliu ; Leivo, Virpi ; Prasauskas, Tadas ; Turunen, Mari ; Kiviste, Mihkel ; Martuzevicius, Dainius ; Haverinen-Shaughnessy, Ulla. / **Energy Retrofits in Multi-family Buildings in North-east Europe: The Impacts on Thermal Conditions**. In: Energy Procedia. 2015 ; Vol. 78. pp. 860-864.

Sheikh, Muhammad Usman ; Hiltunen, Kimmo ; Lempiainen, Jukka. / **Enhanced outdoor to indoor propagation models and impact of different ray tracing approaches at higher frequencies**. In: Advances in Science, Technology and Engineering Systems. 2018 ; Vol. 3, No. 2. pp. 58-68.

Chen, Zengqiang ; Dehmer, Matthias ; Emmert-Streib, Frank ; Shi, Yongtang. / **Entropy of weighted graphs with Randić weights**. In: Entropy. 2015 ; Vol. 17, No. 6. pp. 3710-3723.

Us, Defne ; Brzezinski, Karol ; Buitenhuis, Tom ; Dendooven, Peter ; Ruotsalainen, Ulla. / **Evaluation of Median Root Prior for Robust In-Beam PET Reconstruction**. In: IEEE Transactions on Radiation and Plasma Medical Sciences. 2018 ; Vol. 2, No. 5. pp. 490-498.

Li, Lin ; Ghazi, Amanullah ; Boutellier, Jani ; Anttila, Lauri ; Valkama, Mikko ; Bhattacharyya, Shuvra S. / **Evolutionary multiobjective optimization for adaptive dataflow-based digital predistortion architectures**. In: EAI Endorsed Transactions on Cognitive Communications. 2017 ; Vol. 17, No. 10.

Ropo, Matti ; Schneider, Markus ; Baldauf, Carsten ; Blum, Volker. / **First-principles data set of 45,892 isolated and cation-coordinated conformers of 20 proteinogenic amino acids**. In: Scientific Data. 2016 ; Vol. 3.

Dongho-Nguimdo, G. M. ; Igumbor, Emmanuel ; Zambou, Serges ; Joubert, Daniel P. / **First principles prediction of the solar cell efficiency of chalcopyrite materials  $AgMX_2$  (M=In, Al; X=S, Se, Te)**. In: Computational Condensed Matter. 2019 ; Vol. 21.

Vilmi, Pauliina ; Nelo, Mikko ; Voutilainen, Juha-Veikko ; Palosaari, Jaakko ; Pörhönen, Juho ; Tuukkanen, Sampo ; Jantunen, Heli ; Juuti, Jari ; Fabritius, Tapio. / **Fully printed memristors for a self-sustainable recorder of mechanical energy**. In: Flexible and Printed Electronics. 2016 ; Vol. 1, No. 2.

Vihola, Jaakko ; Sorri, Jaakko ; Heljo, Juhani ; Kero, Paavo. / **Heat Loss Rate of the Finnish Building Stock**. In: Procedia Economics and Finance. 2015 ; Vol. 21. pp. 601-608.

Tukiainen, A. ; Aho, A. ; Polojärvi, V. ; Ahorinta, R. ; Guina, M. / **High efficiency dilute nitride solar cells : Simulations meet experiments**. In: Journal of Green Engineering. 2016 ; Vol. 5, No. 3-4. pp. 113-132.

Reunanen, Tero. / **Human Factor in Time Management**. In: Procedia Manufacturing. 2015 ; Vol. 3. pp. 709-716.

Sorokin, M. ; Strokina, N. ; Eerola, T. ; Lensu, L. ; Karttunen, K. ; Kalviainen, H. / **Image-based characterization of the pulp flows**. In: Pattern Recognition and Image Analysis. 2016 ; Vol. 26, No. 3. pp. 630-637.

Kurki, Vuokko ; Sidaraviciute, Ruta ; Sörensen, Johanna ; Kibocha, Samuel Ngari ; Retike, Inga ; Ikobe, Geoffrey ; Tichonovas, Martynas ; Elijosute, Erika ; Rajala, Riikka . / **Importance and challenges of sharing experiences among an international and interdisciplinary group of doctoral students**. In: Ympäristöhistoria: Finnish Journal of Environmental History. 2015 ; No. 1/2015. pp. 45-51.

Okun, Oleksandr ; Kravchenko, Yurii ; Korpinen, Leena. / **Influence of environmental conditions on EMF levels in a span of overhead transmission lines**. In: Progress in Electromagnetics Research C. 2016 ; Vol. 63. pp. 163-171.

Silwal, Bishal ; Rasilo, Paavo ; Belahcen, Anouar ; Arkkio, Antero. / **Influence of the rotor eccentricity on the torque of a cage induction machine**. In: Archives of Electrical Engineering. 2017 ; Vol. 66, No. 2. pp. 383-396.

Khorramdel, Behnam ; Kraft, Thomas M ; Mäntysalo, Matti. / **Inkjet printed metallic micropillars for bare die flip-chip bonding**. In: Flexible and Printed Electronics. 2017 ; Vol. 2, No. 4. pp. 045005.

Palanivel, Suresh ; Zhurina, Anastasia ; Doan, Phuong ; Chandraseelan, Jerome G. ; Khandelwal, Vinoth Kumar Megraj ; Zubkov, Fedor I. ; Mahmudov, Kamran T. ; Pombeiro, Armando J.L. ; Yli-Harja, Olli ; Kandhavelu, Meenakshisundaram. / **In vitro characterization of arylhydrazones of active methylene derivatives**. In: Saudi Pharmaceutical Journal. 2018 ; Vol. 26, No. 3. pp. 430-436.

Virtanen, Janne ; Kamppi, Antti ; Pekkarinen, Esko ; Määttä, Joni-Matti ; Järvinen, Juho ; Matilainen, Lauri Johannes ; Teuvo, Mikko ; Hämäläinen, Timo. / **Kactus2: A graphical EDA tool built on the IP-XACT standard**. In: The Journal of Open Source Software. 2017 ; Vol. 2, No. 13. pp. 1.

Kaarakka, Terhi Elina ; Ali-Löytty, Simo ; Huhtanen, Miika. / **Kehittämistutkimus: vuorovaikuteisten Matlab-opetusohjelmien vaikutus minäpystyvyyteen ja oppimistuloksiin yliopistomatematiikassa**. In: FMSEJA Journal . 2018 ; Vol. 2, No. 1. pp. 67-77.

Väyrynen, Hannele ; Helander, Nina ; Kukko, Marianne . / **Knowledge Management Practices in Large Companies**. In: The Macrotheme Review. 2014 ; Vol. 3, No. 9. pp. 56-72.

Katko, Tapio S. / **Kohti tasapuolisempaa tutkimuksen arviointia : Pääkirjoitus**. In: Ympäristöhistoria: Finnish Journal of Environmental History. 2015 ; Vol. 5, No. 1. pp. 4-5.

Heikkilä, Jussi ; Martinsuo, Miia . / **Lean-tuotanto ja sen johtaminen: onnistuminen, haasteet ja soveltuminen Suomen yrityksiin ja muihin organisaatioihin**. In: Työpoliittinen aikakauskirja. 2015 ; No. 3. pp. 18-24.

Laudyn, Urszula A. ; Kwaśny, Michał ; Jung, Pawel S. ; Trippenbach, Marek ; Assanto, Gaetano ; Karpierz, Mirosław A. / **Linear and nonlinear light beam propagation in chiral nematic liquid crystal waveguides**. In: Photonics Letters of Poland. 2016 ; Vol. 8, No. 1. pp. 11-13.

Bartsch, H. ; Himmerlich, M. ; Fischer, M. ; Demko, L. ; Hyttinen, J. ; Schober, A. / **LTCC-Based Multi-Electrode Arrays for 3D in Vitro Cell Cultures**. In: Journal of Ceramic Science and Technology. 2015 ; Vol. 6, No. 4. pp. 315-324.

Khosravi, Mahdi ; Kähkönen, Kalle. / **Management and Planning Under Complexities of Metro Construction**. In: Procedia Economics and Finance. 2015 ; Vol. 21. pp. 415-421.

Cenev, Zoran ; Zhang, Hongbo ; Sariola, Veikko ; Rahikkala, Antti ; Liu, Dongfei ; Santos, Hélder A. ; Zhou, Quan. / **Manipulating Superparamagnetic Microparticles with an Electromagnetic Needle**. In: Advanced Materials Technologies. 2017 ; Vol. 3, No. 1.

Latifi, Seyed Kourosh ; Saketi, Pooya ; Kallio, Pasi . / **Microrobotic system for multi-rate measurement of bio-based fibres Z-directional bond strength**. In: Journal of Micro-Bio Robotics. 2015 ; Vol. 10, No. 1. pp. 13-26.

Pajunen, S. ; Hautala, J. ; Heinisuo, M. / **Modelling the stressed skin effect by using shell elements with meta-material model**. In: Magazine of Civil Engineering. 2019 ; Vol. 86, No. 2. pp. 20-29.

Järvinen, A. ; Kuuluvainen, H. ; Niemi, J.V. ; Saari, S. ; Dal Maso, M. ; Pirjola, L. ; Hillamo, R. ; Janka, K. ; Keskinen, J. ; Rönkkö, T. / **Monitoring urban air quality with a diffusion charger based electrical particle sensor**. In: Urban Climate. 2015 ; Vol. 14, No. 3.

Lehtoranta, Kati ; Murtonen, Timo ; Vesala, Hannu ; Koponen, Päivi ; Alanen, Jenni ; Simonen, Pauli ; Rönkkö, Topi ; Timonen, Hilikka ; Saarikoski, Sanna ; Maunula, Teuvo ; Kallinen, Kauko ; Korhonen, Satu. / **Natural Gas Engine Emission Reduction by Catalysts**. In: Emission Control Science and Technology. 2017 ; Vol. 3, No. 2. pp. 142-152.

Militano, Leonardo ; Orsino, Antonino ; Araniti, Giuseppe ; Iera, Antonio. / **NB-IoT for D2D-enhanced content uploading with social trustworthiness in 5G systems**. In: Future Internet. 2017 ; Vol. 9, No. 3.

Vats, Shameek ; Rissanen, Marja. / **Parameters Affecting the Upcycling of Waste Cotton and PES/CO Textiles**. In: Recycling. 2016 ; Vol. 1, No. 1. pp. 166-177.

Kuuliala, L. ; Pippuri, T. ; Hultman, J. ; Auvinen, S.-M. ; Kolppo, K. ; Nieminen, T. ; Karp, Matti ; Björkroth, J. ; Kuusipalo, J. ; Jääskeläinen, E. / **Preparation and antimicrobial characterization of silver-containing packaging materials for meat**. In: Food Packaging and Shelf Life. 2015 ; Vol. 6. pp. 53-60.

Veronese, Andrea ; Racca, Mattia ; Pieters, Roel ; Kyrki, Ville. / **Probabilistic Mapping of Human Visual Attention from Head Pose Estimation**. In: Frontiers in Robotics and AI. 2017.

Viro, Ida Elina ; Joutsenlahti, Jorma. / **Projektityöskentelyn kehittäminen yläkoulun matematiikan opetuksessa**. In: FMSERA Journal . 2018 ; Vol. 2, No. 1. pp. 90-99.

Karhu, M. ; Lagerbom, J. ; Kivikytö-Reponen, P. ; Ismailov, A. ; Levänen, E. / **Reaction heat utilization in aluminosilicate-based ceramics synthesis and sintering**. In: Journal of Ceramic Science and Technology. 2017 ; Vol. 8, No. 1. pp. 101-112.

Russell, Martha G. ; Huhtamäki, Jukka ; Still, Kaisa ; Rubens, Neil ; Basole, Rahul C. / **Relational Capital for Shared Vision in Innovation Ecosystems**. In: Triple Helix: A Journal of University-Industry-Government Innovation and Entrepreneurship. 2015 ; Vol. 2, No. 1.

Hukka, Jarmo J. ; Katko, Tapio S. / **Resilient Asset Management and Governance Fordeteriorating Water Services Infrastructure**. In: Procedia Economics and Finance. 2015 ; Vol. 21. pp. 112-119.

Bragadin, Marco A. ; Kähkönen, Kalle. / **Safety, Space and Structure Quality Requirements in Construction Scheduling**. In: Procedia Economics and Finance. 2015 ; Vol. 21. pp. 407-414.

Juuti, Petri ; Katko, Tapio S. ; Rajala, Riikka. / **Sata vuotta vesihuoltoa Suomessa**. In: Vesitalous. 2017 ; Vol. 58, No. 6. pp. 13-15.

Marttila, Tero ; Annala, Petri ; Suonketo, Jommi ; Kero, Paavo ; Pentti, Matti. / **Securing the flow of information in renovation projects : Sustainable synergies from buildings to the urban scale.** In: *PROCEDIA ENVIRONMENTAL SCIENCES*. 2017 ; Vol. 38. pp. 228-233.

Hackenberg, Jan ; Spiecker, Heinrich ; Calders, Kim ; Disney, Mathias ; Raunonen, Pasi. / **SimpleTree : An Efficient Open Source Tool to Build Tree Models from TLS Clouds.** In: *Forests: Open Access Journal*. 2015 ; Vol. 6, No. 11. pp. 4245-4294.

Katko, Tapio S. ; Hukka, Jarmo J. / **Social and Economic Importance of Water Services in the Built Environment: Need for More Structured Thinking.** In: *Procedia Economics and Finance*. 2015 ; Vol. 21. pp. 217-223.

Savolainen, Jussi ; Kähkönen, Kalle ; Niemi, Olli ; Poutanen, Jenni ; Varis, Elisa. / **Stirring the Construction Project Management with Co-creation and Continuous Improvement.** In: *Procedia Economics and Finance*. 2015 ; Vol. 21. pp. 64-71.

Katko, Tapio S. / **Suomen vesihuollon kehitys ja opit kansainvälisessä kontekstissa.** In: *Vesitalous*. 2017 ; Vol. 58, No. 1. pp. 8-11.

Garifullin, M. R. ; Barabash, A. V. ; Naumova, E. A. ; Zhuvak, O. V. ; Jokinen, T. ; Heinisuo, M. / **Surrogate modeling for initial rotational stiffness of welded tubular joints.** In: *Magazine of Civil Engineering*. 2016 ; Vol. 63, No. 3. pp. 53-76.

Coatanéa, Eric ; Ryyänen, Leena ; Calonijs, Olof ; Mokammel, Faisal ; Riitahuhta, Asko. / **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.** In: *Procedia Engineering*. 2015 ; Vol. 131. pp. 1165-1182.

Hosseini, Seyyed Soheil Sadat ; Jamali, Mohsin M. ; Astola, Jaakko ; Gorsevski, Peter V. / **Target tracking via combination of particle filter and optimisation techniques.** In: *International Journal of Mathematical Modelling and Numerical Optimization*. 2016 ; Vol. 7, No. 2. pp. 212-229.

Helander, Nina ; Myllylä, Marjatta. / **Teoriaa ja kokemuksia arvioinnista MOOCien aikakaudella.** In: *TAMPEREEN AMMATTIKORKEAKOULUN JULKAISUJA. SARJA B, RAPORTTEJA*. 2016 ; pp. 70-77.

Koivisto, A. J. ; Jensen, A. C Ø ; Levin, M. ; Kling, K. I. ; Maso, M. Dal ; Nielsen, S. H. ; Jensen, K. A. ; Koponen, I. K. / **Testing the near field/far field model performance for prediction of particulate matter emissions in a paint factory.** In: *Environmental Sciences: Processes and Impacts*. 2015 ; Vol. 17, No. 1. pp. 62-73.

Hlavatý, Ivo ; Kozák, Jindrich ; Krejci, Lucie ; Samardzic, Ivan ; Tuominen, Jari. / **The effect of tungsten carbide particles content in a weld deposit on its abrasion resistance.** In: *Technical Gazette - Technicki vjesnik*. 2017 ; Vol. 24, No. 5. pp. 1345-1349.

Acimovic, Jugoslava ; Mäki-Marttunen, Tuomo ; Linne, Marja-Leena. / **The effects of neuron morphology on graph theoretic measures of network connectivity : The analysis of a two-level statistical model.** In: *Frontiers in Neuroanatomy*. 2015 ; Vol. 9, No. June.

Huovinen, Pekka. / **Theoretical 71-Concept Platform for Advancing Construction-related Business Management.** In: *Procedia Economics and Finance*. 2015 ; Vol. 21. pp. 80-87.

Laudyn, Urszula A. ; Kwaśny, Michał ; Karpierz, Mirosław A. ; Assanto, Gaetano. / **Three-color vector nematicon.** In: *Photonics Letters of Poland*. 2017 ; Vol. 9, No. 2. pp. 36-38.

Karjalainen, P. ; Timonen, H. ; Saukko, E. ; Kuuluvainen, H. ; Saarikoski, S. ; Aakko-Saksa, P. ; Murtonen, T. ; Dal Maso, M. ; Ahlberg, E. ; Svenningsson, B. ; Brune, W. H. ; Hillamo, R. ; Keskinen, J. ; Rönkkö, T. / **Time-resolved characterization of primary and secondary particle emissions of a modern gasoline passenger car.** In: Atmospheric Chemistry and Physics Discussions. 2015 ; Vol. 15, No. 22. pp. 33253-33282.

Taibi, Davide ; Lenarduzzi, Valentina ; Dieudonne, Laurent ; Plociennik, Christiane. / **Towards a Classification Schema for Development Technologies: an Empirical Study in the Avionic Domain.** In: INTERNATIONAL JOURNAL ON ADVANCES IN SOFTWARE. 2015 ; Vol. 8, No. 1&2. pp. 125-135.

Kekonen, Atte ; Bergelin, Mikael ; Viik, Jari. / **Tutkimuskatsaus: Uusia menetelmiä haavan paranemisen arviointiin ja seurantaan.** In: HAAVA. 2018 ; Vol. 20, No. 3. pp. 30-32.

Myllykoski, Tuomas Jaakko ; Mattila, Pekka ; Ali-Löytty, Simo ; Kaarakka, Terhi ; Viro, Elina. / **Yliopistomatematiikan sähköisten tehtävien ja matemaattisen ajattelun kehittäminen.** In: FMSERA Journal . 2018 ; Vol. 2, No. 1. pp. 46-56.

Shao, Kai ; Zhou, Bowen ; Wang, Guangyu ; Yu, Bei. / **基于相位旋转的SCMA码本优化方法.** In: Xi Tong Gong Cheng Yu Dian Zi Ji Shu/Systems Engineering and Electronics. 2018 ; Vol. 40, No. 10. pp. 2354-2362.

Matikainen, Ville ; Koivuluoto, Heli ; Milanti, Andrea ; Vuoristo, Petri. / **Advanced coatings by novel high-kinetic thermal spray processes.** In: Materia. 2015 ; Vol. 73, No. 1. pp. 46-50.

Peura, Pasi ; Vuoristo, Petri ; Vihinen, Jorma. / **Education and Materials Joining Research methods at Tampere University of Technology.** In: Hitsaustekniikka. 2015 ; Vol. 65, No. 2-3/2015. pp. 73-76.

Valtonen, Kati ; Tiainen, Tuomo. / **Hard Rock (- ei Hallelujah, vaan) Tribology : Pohjoismainen kaivosteollisuuden kulumisongelmiin keskittyvä kurssi ja seminaari Tampereella.** In: Materia. 2015 ; Vol. 2015, No. 1. pp. 30-33.

Koponen, Olli-Paavo. / **Kangasala-talo : Vanhan kulttuuripitäjän uusi kulttuuritalo.** In: Arkkitehti. 2015 ; Vol. 2015, No. 4/2015. pp. 67-69.

Järveläinen, Matti ; Yli-Hallila, Teemu ; Salpavaara, Timo ; Verho, Jarmo ; Vilkkö, Matti ; Levänen, Erkki. / **Kolloidisten suspensioiden online -analysointi: tutkimuksesta liiketoimintaa.** In: Materia. 2015 ; No. 5/2015. pp. 54-57.

Chudoba, Minna . / **Koteja ja kokonaistaideteoksia.** In: Arkkitehti. 2015 ; No. 3. pp. 76-78.

Hilliaho, Kimmo ; Hietaniemi, Jukka ; Visa, Panu. / **Lasitettujen parvekkeiden ja terassien käyttäytyminen tulipaloissa.** In: Palontorjuntatekniikka. 2015 ; No. Erikoisnumero. pp. 18-23.

Karjalainen, Panu. / **Muuttuvat ajotilanteet aiheuttavat uudentyyppisiä ajoneuvojen hiukkaspäästöjä.** In: Ympäristö ja terveys. 2015 ; Vol. 46, No. 6. pp. 28-31.

Koponen, Olli-Paavo. / **Postmodernismi Suomen rakennusperinnössä.** In: Arkkitehti. 2015 ; Vol. 2015, No. 2/2015. pp. 72-74.

Viro, Elina ; Eriksson, Sirkka-Liisa. / **Projektioppiminen yläkoulun matematiikassa.** In: Lumat. 2015 ; Vol. 3, No. 7. pp. 1005-1009.

Ojala, Petteri ; Saarenrinne, Pentti ; Miettinen, Juha ; Multanen, Petteri ; Kiilunen, Janne ; Hietala, Jukka-Pekka ; Kolu, Antti ; Pippola, Juha ; Mostofizadeh, Milad ; Ylönen, Markku. / **Simulointi nopeuttaa käyttöiän määrittystä.** In: Promaint. 2015 ; Vol. 2. pp. 24-27.

- Frankberg, Erkkä Juhani. / **Suomen keraaminen seura - Keramiska sällskapet i Finland**. In: Materia. 2015 ; Vol. 5. pp. 58-58.
- Katko, Tapio Sakari ; Lukka, Anna ; Rajala, Riikka. / **Tampereelta valmistuneiden vesihuoltoalan diplomi-insinöörien sijoittuminen ja odotukset yliopisto-opetukselle**. In: Vesitalous. 2015 ; No. 2. pp. 45-47.
- Eriksson, Sirkka-Liisa ; Haukkanen, Pentti ; Hukka, Terttu I. ; Lemmetyinen, Helge. / **Tampereen matemaattisten aineiden aineenopettajakoulutus**. In: Lumat. 2015 ; Vol. 3, No. 6. pp. 800-807.
- Passinmäki, Pekka . / **Taskinen yksissä kansissa**. In: Arkkitehti. 2015 ; No. 2. pp. 89-90.
- Tewfik, Magdy ; Amr, Alia'a. / **Arbitrary Land Use Policy in Jordan between Legal Brand and Property Control**. In: European International Journal of Science and Technology. 2014 ; Vol. 3, No. 9. pp. 86-93.
- El-Khozondar, Hala ; El-Khozondar, Rifa ; Matter, Khaled ; Suntio, Teuvo. / **A review study of photovoltaic array maximum power point tracking algorithms**. In: Renewables: Wind, Water, and Solar. 2016 ; Vol. 3, No. 1.
- Hynynen, Ari . / **Future in wood? Timber construction in boosting local development**. In: European Spatial Research and Policy. 2016 ; Vol. 23, No. 1. pp. 127-139.
- Sörensen, Johanna ; Kurki, Vuokko ; Sidaraviciute, Ruta ; Ngari Kibocha, Samuel ; Retike, Inga ; Ikobe, Geoffrey ; Tichonovas, Martynas ; Elijosiute, Erika ; Rajala, Riikka . / **Interdisciplinary water research network building within Nordic and Baltic countries**. In: Vatten. 2015 ; No. 71. pp. 79-83.
- Juuti, Petri S. ; Kurki, Vuokko ; Rajala, Riikka. / **Local narratives in the long term water conflicts : Case of Turku Region in Finland**. In: Ympäristöhistoria: Finnish Journal of Environmental History. 2017 ; Vol. 2017, No. 1. pp. 39-49.
- Kraft, Thomas ; Berger, Paul ; Lupo, Donald. / **Printed and organic diodes: devices, circuits and applications**. In: Flexible and Printed Electronics. 2017 ; Vol. 2, No. 3.
- Juuti, Petri ; Rajala, Riikka. / **Sata vuotta Suomen suurimmasta lavantautiepidemiasta**. In: Vesitalous. 2017 ; Vol. 2017, No. 1. pp. 12-14.
- Juuti, Petri ; Rajala, Riikka. / **Valkea kaupunki, mustat vedet**. In: Vesitalous. 2017 ; Vol. 2017, No. 1. pp. 15-17.
- Juuti, Petri. / **Vesi, ongelma ennen ja nyt?**. In: Ympäristöhistoria: Finnish Journal of Environmental History. 2017 ; Vol. 2017, No. 1. pp. 54-65.
- Müller, Philipp ; Raitoharju, Matti ; Ali-Löytty, Simo ; Wirola, Laura ; Piche, Robert. / **Обзор параметрических методов позиционирования на основе концепции отпечатка пальца**. In: Giroskopiya I Navigatsiya. 2016 ; Vol. 24, No. 1. pp. 3-35.
- Garifullin, Marsel. / **Experimental moment resistance of rectangular hollow section T joints**. In: MATEC Web of Conferences. 2018 ; Vol. 245.
- Karimi, Nazanin ; Alberucci, Alessandro ; Virkki, Matti ; Priimägi, Arri ; Kauranen, Martti ; Assanto, Gaetano. / **Quenching nematicon fluctuations via photo-stabilization**. In: Photonics Letters of Poland. 2016 ; Vol. 8, No. 1. pp. 2-4.
- Helamaa, Anna . / **Kattavasti rivitaloista**. In: Arkkitehti. 2015 ; No. 3. pp. 80-81.

Kähkönen, Kalle ; Huovinen, Pekka ; Keinänen, Marko. / **Editorial**. In: Procedia Economics and Finance. 2015 ; Vol. 21. pp. 1-5.

Christiansen, John ; Birkinshaw, Julian ; Le Masson, Pascal ; Mäkinen, Saku. / **Editorial: Experiments in an Organisational Context**. In: CERN IdeaSquare Journal of Experimental Innovation. 2017 ; Vol. 1, No. 2.

Juuti, Petri S. / **Editorial: Information to support decision-making**. In: Ympäristöhistoria: Finnish Journal of Environmental History. 2017 ; Vol. 2017, No. 1. pp. 5-6.

Tartia, Jani . / **Arkinen liikkuminen kontekstina kaupunkitilan tarkasteluun**. In: Versus. 2015.

Kähkönen, Kalle (Editor). / **8th Nordic Conference on Construction Economics and Organization**. In: Procedia Economics and Finance. 2015 ; Vol. 21.

Toivari, Eeva ; Manninen, Tiina ; Nahata, Amit K. ; Jalonen, Tuula O. ; Linne, Marja-Leena. / **Calcium signaling in astrocytes: modeling Fura-2AM measurements**. In: Frontiers in Neuroscience. 2010.

Varheenmaa, Minna. / **A new generation sweating thermal manikin for the evaluation of the thermal comfort of protective clothing in Arctic Conditions**. Arctic Wears - Perspectives on Arctic Clothing. editor / Sanna Konola ; Päivi Kähkönen. Lapland University of Applied Sciences, 2015. pp. 154-161 (Liiketoiminta ja yrittäjyys Sarja B. Raportit ja selvitykset 10/2015).

Koponen, Olli-Paavo. / **Meeting of Vernacular and Modern Architecture in Urbino : Giancarlo De Carlo and reading of the context**. Italian Vernadoc 2015 – Amandola: Studying Italia and its architecture. The first 10 VERNADOC-years. editor / Markku Mattila. Helsinki : Suomen ICOMOS, kansanrakentamisen komitea, 2015. pp. 26-29

Salonen, Joonas ; Laukkarinen, Anssi ; Vinha, Juha. / **Ulkoseinien rakennusfysikaaliset riskit ja pitkäaikaiskestävät ratkaisut**. Korjaa ja korota: Kerrostalojen korjaamisen ja lisäkerrosten rakentamisen ratkaisuja. editor / Anu Soikkeli ; Jouni Koiso-Kanttila ; Laura Sorri. Vol. 62 Oulu, Finland : Oulun yliopisto, 2015. pp. 74-81 (Oulun yliopisto, arkkitehtuurin osasto. A. Julkaisu).

Nisula, Jaakko ; Saari, Arto. / **Aluetehokkuuden kustannusvaikutukset**. Nollaa parempi – Townhouse energiatehokkaassa asuinrakentamisessa. Aalto-yliopisto, 2015. pp. 102-107 (Aalto University publication series Crossover; 9/2015).

Ferrer, B. R. / **A Proposal of Decentralized Architecture for OKD-MES**. Open Knowledge-Driven Manufacturing & Logistics: The eScop Approach. editor / S. Strzelczak ; Pavel Balda ; Marco Garetti ; Andrei Lobov. Warsaw : Warsaw University of Technology Publishing House, 2015. pp. 331-340

Ramis Ferrer, Borja. / **Classification of Knowledge Representation Implementations in the Manufacturing Systems Domain**. Open Knowledge-Driven Manufacturing & Logistics: The eScop Approach. editor / S. Strzelczak ; Pavel Balda ; Marco Garetti ; Andrei Lobov. Warsaw University of Technology Publishing House, 2015. pp. 235-244

Bernhardt, Julia ; Helander, Nina ; Jussila, Jari ; Kärkkäinen, Hannu . / **Crowdsourcing in Business-to-Business Markets: A Value Creation and Business Model Perspective**. Encyclopedia of E-Commerce Development, Implementation, and Management. United States : IGI Global, 2016. pp. 933-943

Munnukka, Juha ; Karjaluoto, Heikki ; Mahlamäki, Tommi ; Hokkanen, Ville. / **Effects of Social Media on Consumers' Sports Brand Experiences and Loyalty**. Creating Marketing Magic and Innovative Future Marketing Trends: Proceedings of the 2016 Academy of Marketing Science (AMS) Annual Conference. editor / Maximilian Stieler. Springer International Publishing, 2017. pp. 1051-1064 ( Developments in Marketing Science: Proceedings of the Academy of Marketing Science).

Suominen, Olli ; Mörsky, Ville ; Ritala, Risto ; Vilkkö, Matti. / **Framework for optimization and scheduling of a copper production plant**. 26th European Symposium on Computer Aided Process Engineering, 2016. Vol. 38 Elsevier Science B.V., 2016. pp. 1243-1248 (Computer Aided Chemical Engineering).

Porkka, Pasi L. / **Functional model for organisational and safety culture**. Chemical Engineering Transactions. Italian Association of Chemical Engineering AIDIC, 2016. pp. 907-912 (Chemical Engineering Transactions).

Nommeots-Nomm, Amy ; Massera, Jonathan. / **Glass and Glass-Ceramic Scaffolds: Manufacturing Methods and the Impact of Crystallization on In-Vitro Dissolution**. Scaffolds in Tissue Engineering - Materials, Technologies and Clinical Applications. InTech Open Access Publisher, 2017.

Santinha, João ; Gupta, Abhishekh ; Martins, Leonardo ; Annala, Teppo ; Häkkinen, Antti ; Mora, Andre ; Lloyd-Price, Jason ; Ribeiro, Andre ; Oliveira, Samuel M D ; Fonseca, Jose Ribeiro. / **icellfusion : Tool for fusion and analysis of live-cell images from time-lapse multimodal microscopy**. Biometrics: Concepts, Methodologies, Tools, and Applications. IGI Global, 2016. pp. 806-834

Mokammel, F. ; Coatanea, E. ; Bakhouya, M. ; Christophe, F. ; Nonsiri, S. / **Impact analysis of graph-based requirements models using PageRank algorithm**. 2013 IEEE International Systems Conference (SysCon). IEEE, 2013. pp. 731-736 (2013 IEEE International Systems Conference (SysCon)).

Lilja, Kari. / **Jossakin vuoti öljy, muualla tihkuivat tiedot - etiikka katoavien rajojen ja suurten skandaalien aikakaudella**. Silmät auki It-etiikkaan. EDUSKUNNAN TULEVAISUUSVALIOKUNTA, 2015. pp. 85-101 (Eduskunnan tulevaisuusvaliokunnan julkaisu; 12).

Vainio, Teija ; Walsh, Tanja. / **Learning maths with mobiles : Cross-cultural design of technology with experiences in South-Africa and Finland**. Integrating Touch-Enabled and Mobile Devices into Contemporary Mathematics Education. IGI Global, 2015. pp. 79-96

Vainio, Teija ; Walsh, Tanja. / **Learning Maths with mobiles : Cross-cultural design of technology with experiences in South-Africa and Finland**. Blended Learning: Concepts, Methodologies, Tools, and Applications. Vol. 4 IGI Global, 2016. pp. 741-759

Tuukkanen, Sampo ; Rajala, Satu. / **Nanocellulose as a Piezoelectric Material**. Piezoelectricity - Organic and Inorganic Materials and Applications. InTech Open Access Publisher, 2018. pp. 1-14

Harmanen, Juhana ; Mikkonen, Tommi. / **On Polyglot Programming in the Web**. Modern Software Engineering Methodologies for Mobile and Cloud Environments. IGI Global, 2016. pp. 102-119

Lobov, Andrei. / **On service composition - dynamic formation and orchestration of service workflows**. Open Knowledge-Driven Manufacturing and Logistics - The eScop Approach. editor / Stanislaw Strzelczak ; Pavel Balda ; Marco Garetti ; Andrei Lobov. Warsaw University of Technology Publishing House, 2015. pp. 311-319

Morasca, Sandro ; Taibi, Davide ; Tosi, Davide. / **OSS-TMM : Guidelines for improving the testing process of open source software**. Open Source Software Dynamics, Processes, and Applications. IGI Global, 2013. pp. 59-78

Pohjola, Jari ; Turunen, Jari ; Lipping, Tarmo ; Ikonen, Ari T.K. / **Probabilistic Framework for Modelling the Evolution of Geomorphic Features in 10,000-Year Time Scale: The Eurajoki River Case**. Geospatial Data in a Changing World: Selected papers of the 19th AGILE Conference on Geographic Information Science. Springer Verlag, 2016. pp. 369-382 (Lecture Notes in Geoinformation and Cartography).

Kähkönen, Kalle ; Brandt, Jens. / **Quality evaluation on of contractor's schedule for building renovation**. Re-shaping the construction industry. editor / Angelo Ciribini ; Giuseppe Alaimo ; Pietro Capone ; Bruno Daniotti ; Guido Dell'Oso ; Maurizio Nicoletta . ISTeA Italian Society of Science, Technology and Engineering of Architecture; Maggioli Editore, 2017. pp. 175-184

Ketonen-Oksi, Sanna. / **Reinventing organisational creativity and innovation through adapting a service-based working culture**. Integrating arts and creativity into business practice. editor / Giovanni Schiuma ; Antonio Lerro. IGI Global, 2017. pp. 1-20

Ketonen-Oksi, Sanna. / **Re-inventing organizational creativity and innovation through adopting a service-based working culture.** Integrating Art and Creativity into Business Practice. IGI Global, 2016. pp. 1-20

Leppänen, Minna ; Sarkkila, J. ; Hämäläinen, H. ; Rinkinen, J. / **Technical suitability of the fine fraction of municipal solid waste incineration bottom ash to the landfill capping liner.** 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. editor / V. Raasakka ; P. Lahtinen. RIL - Finnish Association of Civil Engineers, 2018. pp. 168-175

Kärkkäinen, Hannu ; Jussila, Jari ; Erkinheimo, Pia. / **The New Era of Crowdsourcing — Industrial Crowdsourcing.** Open Innovation Yearbook 2015. editor / Bror Salmelin. Brussel : European Commission, 2015. pp. 25-31

Sislian, Rodrigo ; da Silva, Flávio Vasconcelos ; Gedraite, Rubens ; Jokinen, Heikki ; Rajan, Dhanesh Kattippambil. / **The use of mathematical modeling for the development of a low cost fuzzy gain schedule neutralization control system.** Transactions on Engineering Technologies: World Congress on Engineering and Computer Science 2015. Springer Singapore, 2017. pp. 525-539

Multisilta, Jari ; Niemi, Hannele. / **Tools, pedagogical models, and best practices for digital storytelling.** Encyclopedia of information science and technology. editor / Mehdi Khosrow-Pour. 4th . ed. IGI Global, 2017.

Saari, Arto ; Tauriainen, Matti. / **Townhouse-talotyypin rakennuskustannukset: kolmen suunnitteluratkaisun taloudellisuuden analysointi.** Nollaa parempi – Townhouse energiatehokkaassa asuinrakentamisessa. Aalto-yliopisto, 2015. pp. 94-97 (Aalto University publication series Crossover; 9/2015).

Ylinen, Antti ; Mäkinen, Jari ; Kouhia, Reijo. / **Two models for hydraulic cylinders in flexible multibody simulations.** Computational Methods for Solids and Fluids: Multiscale Analysis, Probability Aspects and Model Reduction. Springer, 2016. pp. 463-493 (Computational Methods in Applied Sciences).

Katko, Tapio S. ; Juuti, Petri ; Pietilä, Pekka ; Rajala, Riikka . / **Water services heritage and institutional diversity.** Water and Heritage: material, conceptual and spiritual connections. editor / Willem Willems ; Henk van Schaik. Sidestone Press, 2015.

Salmisto, Alpo . / **How to co-learn in campus.** Oppiva kampus - How to co-create campus?. editor / Suvi Nenonen ; Sami Kärrnä ; Juha-Matti Junnonen ; Sari Tähtinen ; Niclas Sandström. Tampere : Suomen Yliopistokiinteistöt Oy, 2015. pp. 320-337

Seppä, V.-P. ; Pelkonen, A. S. ; Kotaniemi-Syrjänen, A. ; Viik, J. ; Mäkelä, M. J. ; Malmberg, P. / **Impedanssipneumografia pienten lasten alahengitytiesoireiden selvittelyssä.** Allergiatutkimussäätiön vuosikirja 2015. 2015. (Allergiakoulu).

Leppänen, Minna ; Välisalo, Tero (Editor) ; Laasonen, Juha. / **Liite 6: Yleistä kaivannaisjätealueista ja patoturvallisuudesta .** Kaivosten stressitestit 2013. Ympäristöministeriö, 2014. (Ympäristöministeriön raportteja).

Kotilainen, Sini . / **Matkalla joustaviin asuinympäristöihin.** Joustavat asuinympäristöt: 10 visiota aikaa kestävään kaupunkiasumiseen. Vol. 16 Tampere : Tampereen teknillinen yliopisto. Arkkitehtuurin laitos, 2015. pp. 10-13 (Housing Design).

Hynynen, Ari. / **Puurakentamisesta potkua alueiden ja kaupunkien kehittämiseen.** Puu-Hubi. : Perinteestä uusiin innovaatioihin. editor / Ari Hynynen ; Anne-Marjo Panu ; Tuulia Taanila. Tampereen teknillinen yliopisto. Arkkitehtuurin laitos, 2015. pp. 75-93

Vinha, Juha. / **Rakennusten rakennusfysikaalisen suunnittelun ja toteutuksen periaatteet.** Rakentajain kalenteri 2016. Rakennustieto Oy, 2015. pp. 399-426 (Rakentajain kalenteri).

Kylliäinen, Mikko . / **Rakenteiden ääneneristyskyvystä asumismelun kokemiseen.** Rakentajain Kalenteri. Helsinki : Rakennustieto Oy, 2015. pp. 92-96

Koponen, Olli-Paavo. / **Tammerkoski ja Hämeenkatu Tampereen arkkitehtonisen identiteetin ankkureina.** Tampereen tarina: Teollisuuden synnyttämä kaupunki harjujen ja järvien solmukohtassa. editor / Ranja Hautamäki. Vol. Julkaisuja 5/2015 Kaupunkiympäristön kehittäminen : Tampereen kaupunki, 2015. pp. 35-42 (Tampereen kaupunki/Kaupunkiympäristön kehittäminen).

Poutanen, Jenni ; Peltoniemi, Sanna ; Pihlajarinne, Noora. / **Uudet arkkitehtoniset ratkaisumallit muuttavat kampuksien ilmettä.** Oppiva kampus: How to co-create campus?. editor / Suvi Nenonen ; Sami Kärrnä ; Juha-Matti Junnonen ; Sari Tähtinen ; Niclas Sandström. Tampere : Suomen Yliopistokiinteistöt Oy, 2015. pp. 72-93

Lehtovuori, Panu . / **Uusia tuulia Euroopasta.** Asukkaan ehdoilla: moninaisuutta asumamuotoihin. Helsinki : Rakennustieto Oy, 2015. pp. 42-59

Niemi, Henry ; Kylliäinen, Mikko ; Jäppinen, Jere ; Lindqvist, Mikko. / **1800-luvun Helsingin kadonneiden konserttitilojen akustiikan mallintaminen.** Akustiikkapäivät 2015. Kuopio, 2015. pp. 77-82 (Akustiikkapäivät).

Hongisto, Valtteri ; Kylliäinen, Mikko ; Hyönä, Jukka. / **ÄKK-hankkeen suositukset tulevaisuuden ääneneristysmääräyksiä koskien.** Rakennusfysiikka 2015. Tampere : Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, 2015. pp. 561-566

Salo, Juha ; Huttunen, Petteri ; Vinha, Juha. / **Alipaineistetun tuulettuvan ryömintätilan rakennusfysikaaliset FEM-simuloinnit.** Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24-26.10.2017, Tampere. editor / Juha Vinha ; Henna Kivioja. Vol. 2 Tampere : Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, 2017. pp. 413-422 (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka. ).

Belahcen, Anouar ; Kouhia, Reijo ; Rasilo, Paavo ; Ristinmaa, Matti. / **A model for anisotropic magnetostriction.** Proceedings of the XII Finnish Mechanics Days. Rakenteiden Mekaniikan Seura ry, 2015. pp. 201-203

Yaghoubi, Saba Tahaei ; Hartikainen, Juha ; Kolari, Kari ; Kouhia, Reijo. / **An anisotropic continuum damage model for concrete.** Proceedings of the XII Finnish Mechanics Days: Suomen XII mekaniikkapäivien esitelmät. editor / Reijo Kouhia ; Jari Mäkinen ; Sami Pajunen ; Timo Saksala. Rakenteiden Mekaniikan Seura ry, 2015. pp. 51

Mardoukhi, Ahmad ; Saksala, Timo ; Hokka, Mikko ; Kuokkala, Veli-Tapani. / **An experimental and numerical study of the dynamic Brazilian disc test on Kuru granite.** Proceedings of the XII Finnish Mechanics Day. 2015. pp. 210-215

Kylliäinen, Mikko ; Oliva, David ; Rekola, Laura ; Hongisto, Valtteri. / **Asuinhuoneistojen betonivälipohjien askelääneneristyksen subjektiivinen ja objektiivinen arviointi.** Akustiikkapäivät 2015. Kuopio : Akustinen seura, 2015. pp. 204-207 (Akustiikkapäivät).

Mimilakis, Stylianos - Ioannis ; Drossos, Konstantinos ; Floros, Andreas ; Katerelos, Dionisios. / **Automated Tonal Balance Enhancement for Audio Mastering Applications.** Audio Engineering Society Convention 134. AES Audio Engineering Society, 2013.

Bautista, Godofredo S. ; Johansson, Andreas ; Parappurath, Nikhil ; Herranen, Olli ; Myllyperkiö, Pasi ; Jiang, Hua ; Kauppinen, Esko ; Pettersson, Mika ; Kauranen, Martti. / **Background-Free Second-Harmonic Generation Microscopy of Individual Carbon Nanotubes.** Nonlinear Optics 2015: Kauai, Hawaii United States 26-31 July 2015. OSA, 2015. (Nonlinear Optics Conference Series).

Laitinen, Arttu ; Santa-aho, Suvi ; Lukinmaa, Henri ; Suominen, Lasse ; Vippola, Minnamari. / **Barkhausen noise Potcore sensor simulations with Comsol.** 12th International Conference on Barkhausen Noise and Micromagnetic Testing. ICBM, 2017. pp. 97-107

Vänttinen, Kari ; Tuominen, Eero ; Vinha, Juha. / **Betonin kosteusteknisten materiaaliominaisuuksien määrittäminen.** Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere. editor / Juha Vinha ; Henna Kivioja. Vol. 2 Tampere : Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, 2017. pp. 461-470 (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.).

Ratia, Milla ; Myllärniemi, Jussi. / **Beyond ic 4.0 : the future potential of bi-tool utilization in the private healthcare.** 13th International Forum on Knowledge Asset Dynamics, IFKAD 2018: Delft, Netherlands, 4-6 July 2018. 2018. (Proceedings IFKAD).

Toenger, S. ; Godin, T. ; Billet, C. ; Dias, F. ; Erkintalo, M. ; Genty, G. ; Dudley, J. M. / **Breathers Emergence in Spontaneous Modulation Instability.** European Quantum Electronics Conference 2015. Optical Society of America (OSA), 2015.

Annila, Petri ; Lahdensivu, Jukka ; Pikkuvirta, Jussa ; Pakkala, Toni. / **By64 Tuulettuvat julkisivut 2016 -suunnittelu- ja toteusohjeen laadinta.** Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere. editor / Juha Vinha ; Tiina Ruuska. Tampere : Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, 2015. pp. 109-114

Sorsa, Aki ; Santa-aho, Suvi ; Aylott, Christopher ; Shaw, Brian ; Vippola, Minnamari ; Leiviskä, Kauko. / **Case depth prediction of nitrided components.** 12th International Conference on Barkhausen Noise and Micromagnetic Testing. ICBM, 2017. pp. 65-72

Kiilakoski, Jarkko ; Lukac, Frantisek ; Koivuluoto, Heli ; Vuoristo, Petri. / **Cavitation wear characteristics of Al<sub>2</sub>O<sub>3</sub>-ZrO<sub>2</sub>-ceramic coatings deposited by APS and HVOF -processes.** International Thermal Spray Conference ITSC 2017, Conference Proceedings: June 7-9, 2017, Düsseldorf, Germany.. Vol. 336 Düsseldorf : DVS Media GmbH, 2017. pp. 928-933 (DVS-Berichte / DVS - Deutscher Verband für Schweißen und Verwandte Verfahren e.V.).

Huova, Mikko ; Ahopelto, Miika ; Ketonen, Miikka ; Ahola, Ville ; Linjama, Matti ; Huhtala, Kalevi . / **Characteristics of Digital Hydraulics with Commercial Controllers.** The Seventh Workshop on Digital Fluid Power . Linz Center of Mechatronics, 2015. pp. 114-128

Rinkinen, Jari ; Elo, Lauri. / **Clean Components of Fluid Power System Reduce Maintenance Costs.** Maintenance, Condition Monitoring and Diagnostics; Maintenance Performance Measurement and Management: MCMD 2015 and MPMM 2015. 2015.

Holopainen, Sami ; Kouhia, Reijo ; Könnö, Juho ; Saksala, Timo . / **Computational modelling of high-cycle fatigue using a continuum based model.** Proceedings of the NSCM28: 28th Nordic Seminar on Computational Mechanics, October 22 – 23, 2015, Tallinn, Estonia. 2015. pp. 71-74

Järvinen, Samu T. ; Saari, Sampo ; Keskinen, Jorma ; Toivonen, Juha. / **Detailed analysis of laser-induced breakdown spectroscopy of single particles using electrodynamic balance trapping.** The European Conference on Lasers and Electro-Optics 2015. Optical Society of America, 2015. pp. CH\_7\_5

Cardin, Julien ; Dufour, Christian ; KHOMENKOV, Vladimir ; Fafin, Alexandre ; Monnet, Isabelle ; Rizza, Giancarlo ; COULON, Pierre-Eugene ; Slablab, Abdallah ; Mailly, Dominique ; Ulysse, Christian ; Lafosse, Xavier ; Perruchas, Sandrine ; Gacoin, Thierry. / **Development of New Kinds of Plasmonics Materials Through Swift Heavy Ion Shaping Technique.** 7th International Conference on Materials for Advanced Technologies (ICMAT 2013), Jun 2013, Suntec, Singapore. Singapore, 2013.

Fischer, Helmut ; Laamanen, Arto ; Iso-Heiko, Anssi ; Schäfer, Oliver ; Karvonen, Matti ; Karhu, Otso ; Huhtala, Kalevi ; Pulkkinen, Veli-Pekka ; Huttunen, Ali. / **Digital Hydraulics on Rails – Pilot Project of Improving Reliability on Railway Rolling Stock by Utilizing Digital Valve System.** Proceedings of The Fourteenth Scandinavian International Conference on Fluid Power, SICFP15. editor / Arto Laamanen ; Kalevi Huhtala. 2015. pp. 644-654

Uusitalo, Topi ; Virtanen, Heikki ; Viheriälä, Jukka ; Salmi, Joel Olavi ; Aho, Antti ; Dumitrescu, Mihail. / **Dual-Mode Behavior in Multi-Section DFB Semiconductor Lasers with Laterally-Coupled Ridge-Waveguide Surface Gratings**. The European Conference on Lasers and Electro-Optics 2015. OSA - The Optical Society, 2015.

Toenger, S. ; Godin, T. ; Billet, C. ; Dias, F. ; Erkintalo, M. ; Genty, G. ; Dudley, J. M. / **Dynamics of rogue wave and soliton emergence in spontaneous modulation instability**. CLEO: QELS - Fundamental Science, CLEO\_QELS 2015. Optical Society of America (OSA), 2015.

Sand, Johan ; Ihantola, Sakari ; Peräjärvi, Kari ; Toivonen, Harri ; Nicholl, Adrian ; Hrncecek, Erich ; Toivonen, Juha. / **EMCCD imaging of strongly ionizing radioactive materials for safety and security**. 2013 Conference on Lasers and Electro-Optics - International Quantum Electronics Conference. Optical Society of America, 2013. pp. JSII\_P\_1

Drossos, Konstantinos ; Floros, Andreas ; Agavanakis, Kyriakos ; Tatlas, Nicolas-Alexander ; Kanellopoulos, Nikolaos. / **Emergency Voice/Stress - level Combined Recognition for Intelligent House Applications**. Audio Engineering Society Convention 132. AES Audio Engineering Society, 2012.

Vuolle, Maiju ; Salenius, Henna-Riikka ; Lintinen, Johanna ; Mäkinen, Julia . / **Emotion measurement services for knowledge workers**. RESER2015: 25th Annual RESER Conference, September 10-12, 2015 Copenhagen, Denmark. Copenhagen : RESER European Association for Research on Services, 2015.

Sorri, Jaakko ; Heljo, Juhani ; Uotila, Ulrika ; Ruusala, Annu. / **Energiätehokkuusinformaatio palvelurakennuksissa**. Rakennusfysiikka 2017: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut : 24.-26.10.2017, Tampere. Vol. 1 Tampere : Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, 2017. pp. 325-330 (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.).

Heljo, Juhani ; Sorri, Jaakko ; Harsia, Pirkko. / **Energiätehokkuus on entistä enemmän sähkötehon hallintaa**. Rakennusfysiikka 2017: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere. editor / Juha Vinha ; Henna Kivioja. Vol. 1 Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, 2017. pp. 281-286 (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.).

Teriö, Olli ; Sorri, Jaakko. / **Energiätehokkuus rakennusalan ammattityövoiman täydennyskoulutuksessa**. Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere. editor / Juha Vinha ; Tiina Ruuska. Tampere : Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, 2015. pp. 97-102

Kylliäinen, Mikko ; Niemi, Henry ; Jäppinen, Jere ; Lindqvist, Mikko. / **Engelin teatterin huoneakustiikan mallintaminen**. Akustiikkapäivät 2015. Akustinen seura, 2015. pp. 145-150 (Akustiikkapäivät).

Kauranen, Martti ; Czaplicki, Robert ; Mäkitalo, Jouni ; Lehtolahti, Joonas ; Koskinen, Kalle ; Laukkanen, Janne ; Kuittinen, Markku. / **Enhancement mechanisms for second-harmonic generation from metal nanostructures**. PROCEEDINGS OF SPIE: Ultrafast Phenomena and Nanophotonics XX. Vol. 9746 2015.

Ryczkowski, Piotr ; Barbier, Margaux ; Friberg, Ari T. ; Dudley, John M. ; Genty, Goery. / **Experimental demonstration of temporal ghost imaging**. 2015 European Conference on Lasers and Electro-Optics - European Quantum Electronics Conference. OSA, 2015.

Abe, Shinya ; Ylinen, Antti ; Narra Girish, Nathaniel ; Nikander, Riku ; Hyttinen, Jari ; Kouhia, Reijo ; Sievänen, Harri . / **Exploration of different boundary conditions in the sideways falling situation in hip fracture finite element modelling**. Proceeding of the XII Finnish Mechanics Days. Rakenteiden Mekaniikan Seura ry, 2015. pp. 130-135

Kunwar, Puskal ; Hassinen, Jukka ; Bautista, Godofredo ; Ras, Robin H.A. ; Toivonen, Juha. / **Fabrication of Fluorescent Silver Nanoclusters-based Micro-Label in Polymers**. The European Conference on Lasers and Electro-Optics 2015. OSA, 2015. (European Conference on Lasers and Electro-Optics Europe and International Quantum Electronics Conference).

Kantola, Emmi ; Leinonen, Tomi ; Ranta, Sanna ; Tavast, Miki ; Guina, Mircea. / **High-efficiency yellow VECSEL with 20 W output power.** Optics Days 2013, Helsinki, Finland: Oral presentation in Optics Days 2013, Helsinki, Finland. 2013.

Kankkunen, Tuukka ; Kero, Paavo. / **Hometalolle suoritettavat toimenpiteet ja niiden valinta - case-esimerkki.** Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere. editor / Juha Vinha ; Tiina Ruuska. Tampere : Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, 2015. pp. 265-270

Linjama, Matti ; Huova, Mikko ; Pietola, Matti ; Juhala, Jyri ; Huhtala, Kalevi . / **Hydraulic Hybrid Actuator: Theoretical Aspects and Solution Alternatives.** Proceedings of the Fourteenth Scandinavian International Conference on Fluid Power. editor / Arto Laamanen ; Kalevi Huhtala ; Janne Uusi-Heikkilä. Tampere : Tampere University of Technology, 2015.

Kylliäinen, Mikko ; Takala, Joose ; Hongisto, Valtteri. / **Ilmaääneneristysluku sekä standardisoitu ja normalisoitu äänitasoeroluku huoneistojen välisen ilmaääneneristävyyden kuvaajina.** Akustiikkapäivät 2015. Kuopio : Akustinen seura, 2015. pp. 158-161 (Akustiikkapäivät).

Pakkala, Toni ; Lemberg, Antti-Matti ; Köliö, Arto ; Lahdensivu, Jukka . / **Ilmastonmuutoksen vaikutus betonijulkisivujen vaurioitumisen etenemiseen.** Rakennusfysiikka 2015: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut, 20.-22.10.2015, Tampere. editor / Juha Vinha ; Tiina Ruuska. Tampere : Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, 2015. pp. 203-210

Toenger, Shanti ; Ahvenjärvi, Jani ; Ryczkowski, Piotr ; Genty, Goery. / **Intensity Interferometry of Supercontinuum Light.** Trends in Electromagnetic Coherence. editor / Tero Setälä ; Jari Turunen ; Ari T. Friberg ; Kimmo Saastamoinen. Joensuu : University of Eastern Finland, 2018. (Publications of the University of Eastern Finland. Reports and studies in forestry and natural sciences; 32).

Drossos, Konstantinos ; Kotsakis, Rigas ; Pappas, Panos ; Kalliris, George ; Floros, Andreas. / **Investigating Auditory Human-Machine Interaction: Analysis and Classification of Sounds Commonly Used by Consumer Devices.** Audio Engineering Society Convention 134. AES Audio Engineering Society, 2013.

Pakkala, Toni ; Lahdensivu, Jukka ; Köliö, Arto ; Annala, Petri. / **Julkisivujen ja parvekkeiden talvikorjausohje.** Rakennusfysiikka 2017: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut, 24-26.10.2017, Tampere. editor / Juha Vinha ; Henna Kivioja. Tampere : Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, 2017. pp. 179-184 (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.).

Tuominen, Eero ; Vinha, Juha. / **Kapillaaristen vedenimuominaisuuksien määrittämiseen sopivan vapaan vedenimukoelaitteiston kehittäminen.** Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere. editor / Juha Vinha ; Tiina Ruuska. Tampere : Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, 2015. pp. 233-238

Palvalin, Miikka ; Vuori, Vilma ; Helander, Nina. / **Knowledge transfer and work productivity.** Proceedings of 12th International Forum on Knowledge Asset Dynamics: St. Petersburg, Russia 7-9 June 2017. editor / JC Spender ; Giovanni Schiuma ; Tatiana Gavrilova. 2017. pp. 1120-1134 (Proceedings IFKAD).

Hilliaho, Kimmo ; Nordquist, Birgitta ; Wallentén, Petter. / **Koko Julkisivua peittävän lasijulkisivun vaikutus Etelä-Ruotsissa sijaitsevan rakennuksen energiatehokkuuteen.** Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere. editor / Juha Vinha ; Tiina Ruuska. Tampere : Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, 2015. pp. 509-516 (Rakennustekniikan laitos. Rakennetekniikka. Seminaarijulkaisu 4; 4).

Annala, Petri ; Hellemaa, Matti ; Suonketo, Jommi ; Pentti, Matti. / **Kosteus- ja mikrobivaurioiden laajuus kuntien rakennuksissa.** Sisäilmastoseminaari 2015 SIY Raportti 33, Messukeskus, Helsinki 11.3.2015. editor / Jorma Säteri ; Mervi Ahola. Juva, 2015. pp. 95-100 (SIY Raportti).

Annila, Petri ; Lahdensivu, Jukka ; Suonketo, Jommi ; Pentti, Matti ; Laukkarinen, Anssi ; Vinha, Juha. / **Kosteusvaurioiden vakavuus kuntien rakennuksissa.** Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere. editor / Juha Vinha ; Henna Kivioja. Vol. 1 Tampere : Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, 2017. pp. 135-140 (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.).

Ruusala, Annu ; Vinha, Juha. / **Koulujen ja päiväkotien laskettu ja toteutunut energiankulutus.** Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere. editor / Juha Vinha ; Henna Kivioja. Vol. 1 Tampere : Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, 2017. pp. 267-274 (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.).

Sekki, Pauli ; Korhonen, Lauri ; Vinha, Juha. / **Kuorielementtien kuivumisen mallintaminen hydrataation huomioivalla FEM-laskennalla.** Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere. editor / Juha Vinha ; Henna Kivioja. Vol. 2 Tampere : Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, 2017. pp. 399-405 (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka. ).

Jokisalo, Juha ; Sankelo, Paula ; Sirén, Kai ; Vinha, Juha. / **Kustannusoptimaaliset energiakorjaus- ja uusiutuvan energian tuotannon ratkaisut kunnallisissa palvelurakennuksissa.** Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere. editor / Juha Vinha ; Henna Kivioja. Vol. 1 Tampere : Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, 2017. pp. 287-292

Tuominen, Eero ; Vinha, Juha. / **Laastien vedenimukertoimen määrittämisen virhelähdekokeet.** Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 20.-22.10.2015, Tampere. editor / Juha Vinha ; Tiina Ruuska. Tampere : Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, 2015. pp. 239-244

Ruuska, Tiina ; Vinha, Juha. / **Laastin ja betonin lämmönjohtavuuden ja ominaislämpökapasiteetin määrittäminen lämpövirtalevyllä.** Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 20.-22.10.2015, Tampere. editor / Juha Vinha ; Tiina Ruuska. Tampere : Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, 2015. pp. 227-232

Laukkarinen, Anssi ; Hilliäho, Kimmo . / **Lasitetun parvekkeen lämpötilan ja lämpöhäviöiden laskenta.** Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 20.-22.10.2015, Tampere. editor / Juha Vinha ; Tiina Ruuska. Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, 2015. pp. 181-186 (Rakennustekniikan laitos. Rakennetekniikka. Seminaarijulkaisu; 4).

Myllärniemi, Jussi ; Pekkola, Samuli ; Helander, Nina. / **Lessons for data-based value creation.** 12th International Forum on Knowledge Asset Dynamics, IFKAD 2017. 2017. pp. 398-407 (Proceedings IFKAD).

Kolu, Antti ; Rajapolvi, Kimmo ; Hyvönen, Mika ; Multanen, Petteri ; Huhtala, Kalevi . / **Low-cost 3D lidar for the mapping of autonomous mobile work machine.** Proceedings of the Fourteenth Scandinavian International Conference on Fluid Power, SICFP15. May 20-22, 2015. Tampere, Finland. 2015.

Laukkarinen, Anssi ; Heiskanen, Roosa ; Vinha, Juha. / **Maanvastaisten seinien lämpö- ja kosteustekninen toiminta.** Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere. editor / Juha Vinha ; Henna Kivioja. Vol. 1 Tampere : Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, 2017. pp. 71-76 (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.).

Kovalainen, Ville ; Kylliäinen, Mikko. / **Menetelmä parvekelasien ääneneristävyyden mitoittamiseksi liikennemelualueilla.** Rakennusfysiikka 2015. Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, 2015. pp. 617-622

Saarelainen, Janne ; Kylliäinen, Mikko ; Hupaniittu, Outi. / **Mykkäelokuvakauden elokuvateatterien huoneakustiikka.** Akustiikkapäivät 2015. Kuopio : Akustinen seura, 2015. pp. 83-88 (Akustiikkapäivät).

Linjama, Matti ; Siivonen, Lauri ; Huova, Mikko . / **Numerically Efficient Flow Model for On/Off Valves**. Proceedings of the Seventh Workshop on Digital Fluid Power. editor / Rudolf Scheidl ; Bernd Winkler ; Helmut Kogler. Linz, Austria : LCM GmbH, 2015. pp. 164-172

Marttila, Tero ; Suonketo, Jommi ; Kero, Paavo ; Annala, Petri . / **Onnistumistekijät valtion tukemissa homekorjaushankkeissa**. Rakennusfysiikka 2015: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut, 20-22.10.2015, Tampere. editor / Juha Vinha ; Tiina Ruuska. Vol. 4 Tampere : Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, 2015. pp. 253-258

Saksala, Timo ; Holopainen, Sami ; Kouhia, Reijo . / **On the choice of damage variable in the continuum fatigue model based on a moving endurance surface**. Proceedings of the XII Finnish Mechanics Day. 2015. pp. 57-62

Jeronen, Juha ; Kouhia, Reijo . / **On the effect of damping on stability of non-conservative systems**. Proceedings of the XII Finnish Mechanics Days: Suomen XII mekaniikkapäivien esitelmät. editor / Reijo Kouhia ; Jari Mäkinen ; Sami Pajunen ; Timo Saksala. Rakenteiden Mekaniikan Seura ry, 2015. pp. 77

Kauppinen, Antti ; Kiviste, Mihkel ; Pirhonen, Joni ; Vinha, Juha . / **Paine-erot Pirkanmaan ja Helsingin julkisissa palvelurakennuksissa**. Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24-26.10.2017, Tampere. editor / Juha Vinha ; Henna Kivioja. Vol. 1 Tampere : Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, 2017. pp. 215-221 (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.).

Vuolle, Maiju ; Sillanpää, Virpi. / **Performance management practices in construction business - a service recovery perspective**. 8th Conference on Performance Measurement and Management Control. The European Institute for Advanced Studies in Management, EIASM, 2015. (Conference on Performance Measurement and Management Control).

Laukkarinen, Anssi ; Musakka, Sami ; Penttilä, Olavi ; Teriö, Olli ; Vinha, Juha . / **Puukerrostalon työmaavaiheen lämpö- ja kosteusolosuhteiden mittaukset**. Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere. editor / Juha Vinha ; Henna Kivioja. Vol. 1 Tampere : Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, 2017. pp. 167-172 (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.).

Teriö, Olli ; Penttilä, Olavi ; Laukkarinen, Anssi ; Musakka, Sami ; Vinha, Juha . / **Puukerrostalorakentamisen kosteudenhallinta**. Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere. editor / Juha Vinha ; Henna Kivioja. Vol. 1 Tampere : Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, 2017. pp. 173-178 (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.).

Junttila, Hannanoora ; Laukkarinen, Anssi ; Vinha, Juha . / **Puurunkoisten tuulettujen yläpohjien kosteustekninen toiminta**. Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere.. editor / Juha Vinha ; Tiina Ruuska. Tampere : Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, 2015. pp. 77-82 (Rakennustekniikan laitos. Rakennetekniikka. Seminaarijulkaisu; 4).

Latvanne, Pekka ; Kylliäinen, Mikko. / **Puuvälipohjien akustiset ominaisuudet**. Rakennusfysiikka 2015. Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, 2015. pp. 567-572

Heljo, Juhani ; Kauppinen, Timo. / **Pystytäänkö haitallisia ilmanvaihtovikoja havaitsemaan ja poistamaan**. Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere. editor / Juha Vinha ; Tiina Ruuska. Tampere : Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, 2015. pp. 325-330

Pietilä, Jari ; Mäkinen, Jari. / **Raudoitettun betonirakenteen taivutuksen mallintaminen Ansys-ohjelmalla**. Proceedings of the XII Finnish Mechanics Days. editor / R Kouhia ; J Mäkinen ; S Pajunen ; T Saksala. Helsinki : Rakenteiden Mekaniikan Seura ry, 2015. pp. 91-96

Köliö, Arto ; Hohti, Harri ; Pakkala, Toni ; Laukkarinen, Anssi ; Lahdensivu, Jukka ; Mattila, Jussi . / **Raudoitteiden korroosionopeuden määrittäminen betonijulkisivussa korkean aikaresoluution säädätin avulla**. Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere.. Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, 2015. pp. 195-202 (Rakennustekniikan laitos. Rakennetekniikka).

Seminaarijulkaisu; 4).

Sand, J. ; Ihantola, S. ; Nicholl, A. ; Hrncek, E. ; Toivonen, J. ; Toivonen, H. ; Peräjärvi, K. / **Scanning of radioluminescence emission with a PMT for remote detection of alpha contamination**. The European Conference on Lasers and Electro-Optics 2015. Optical Society of America, 2015.

Slablab, A. ; Divya, S. ; Koskinen, K. ; Czaplicki, R. ; Kailasnath, M. ; Radhakrishnan, P. ; Kauranen, M. / **Second-harmonic generation from thermally-evaporated indium selenide thin films**. The European Conference on Lasers and Electro-Optics 2015: Munich Germany 21–25 June 2015. Optical Society of America, 2015. pp. CE\_12\_4

Ryczkowski, Piotr ; Barbier, Margaux ; Friberg, Ari T ; Dudley, John M ; Genty, Goëry. / **Shadow Ghost Imaging in the Time Domain**. Frontiers in Optics 2015. OSA, 2015.

Contreras, Victor ; Lonqvist, Jan ; Toivonen, Juha. / **Single micro-particle scattering detection based on Edge Filter Enhanced Self-Mixing Interferometry**. 2015 European Conference on Lasers and Electro-Optics - European Quantum Electronics Conference. Optical Society of America, 2015. pp. CH\_P\_11

Kokkinis, Elias ; Drossos, Konstantinos ; Tatlas, Nicolas-Alexander ; Floros, Andreas ; Tsilfidis, Alexandros ; Agavanakis, Kyriakos. / **Smart microphone sensor system platform**. Audio Engineering Society Convention 132. AES Audio Engineering Society, 2012.

Jussila, Jari ; Helander, Nina ; Vuori, Vilma ; Okkonen, Jussi. / **Sosiaalinen media brändi- ja asiakastiedon lähteenä**. TiedeAreena 2016. editor / Pauliina Tuomi. Vol. 11 Pori : Tampereen teknillinen yliopisto, Porin laitos, 2016. pp. 55-56

Poikonen, Elina ; Martinsuo, Miia ; Nenonen, Sanna . / **Standardizing the service delivery system for repetitive industrial services**. RESER 2015: 25th Annual RESER Conference. RESER European Association for Research on Services, 2015.

Tuominen, Eero ; Vainio, Maarit ; Vinha, Juha. / **Suomessa markkinoilla olevien kalsiumsilikaattilevyjen rakennusfysikaaliset materiaaliominaisuudet**. Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere. editor / Juha Vinha ; Henna Kivioja. Vol. 2 Tampere : Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, 2017. pp. 455-460 (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka. ).

Huttunen, Petteri ; Rantala, Juha ; Vinha, Juha. / **Suuren lämmöneristämättömän maanvastaisen alapohjan vaikutus rakennuksen energiankulutukseen**. Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24-26.10.2017, Tampere. editor / Juha Vinha ; Henna Kivioja. Vol. 1 Tampere : Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, 2017. pp. 335-342 (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka. ).

Ryczkowski, Piotr ; Barbier, Margaux ; Friberg, Ari T ; Dudley, John M ; Genty, Goëry. / **Temporal Ghost Imaging**. Frontiers in Optics 2015. OSA, 2015.

Kraft, Thomas ; Cristoferi, Claudio ; Trigaud, Thierry ; Nunzi, Jean-Michel ; Ratier, Bernard. / **The Parallel Diode and Trap Behaviour of Ternary Polymer Solar Cells**. EU PVSEC Proceedings. Vol. EU PVSEC 2014 EU PVSEC, 2014.

Fard Sanei, Mohammad Ali ; Kiilunen, Janne ; Pippola, Juha ; Lahokallio, Sanna ; Frisk, Laura. / **Thermomechanical properties of overmold epoxies in MEMS packaging**. Proceedings of the IMAPS Nordic Annual Conference , June 8-9, 2015, Helsingør, Denmark. IMAPS Nordic, 2015. pp. 175-179

Holopainen, Sami. / **Transpositions and duals high-order tensors. On theory and applications in mechanics**. Proceedings of the XII Finnish Mechanics Days: Suomen XII mekaniikkapäivien esitelmät. editor / Reijo Kouhia. Rakenteiden Mekaniikan Seura ry, 2015. pp. 188-193 (Journal of Structural Mechanics).

Turquet, L. ; Bautista, G. ; Karvonen, L. ; Dhaka, V. ; Chen, Y. ; Jiang, H. ; Huhtio, T. ; Lipsanen, H. ; Kauranen, M. / **Tunable nonlinear effects through focused spatially phase-shaped beams**. European Quantum Electronics Conference 2015. Optical Society of America, 2015.

Ocaña Flores, Moramay ; Martinsuo, Miia . / **Use of equipment lifecycle data in industrial services**. RESER 2015: 25th Annual RESER Conference. Copenhagen : RESER European Association for Research on Services, 2015.

Vinha, Juha ; Hedman, Markku ; Sirén, Kai ; Harsia, Pirkko ; Pentti, Matti ; Teriö, Olli ; Heljo, Juhani ; Laukkarinen, Anssi ; Annala, Petri ; Kaasalainen, Hannu ; Jokisalo, Juha ; Pihlajamaa, Pirkko. / **Uudessa COMBI-hankkeessa tutkitaan energiatehokkaan palvelurakentamisen haasteita ja ratkaisuja**. Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere.. editor / Juha Vinha ; Tiina Ruuska. Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, 2015. pp. 487-496 (Rakennustekniikan laitos. Rakennetekniikka. Seminaarijulkaisu; 4).

Vinha, Juha . / **Uusi Rakennusfysiikan käsikirja**. Sisäilmastoseminaari 2015. 2015. pp. 167-172 (Sisäilmastoyhdistys raportti; 33).

Vinha, Juha. / **Uusi Rakennusfysiikan käsikirja - perustiedot rakennusfysiikasta suunnittelusta ja tutkimuksista**. Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere. editor / Juha Vinha ; Tiina Ruuska. Tampere : Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, 2015. pp. 115-120

Marttila, Tero ; Suonketo, Jommi ; Kero, Paavo ; Annala, Petri ; Pentti, Matti. / **Valtion tukemien homekorjaushankkeiden arviointi (HKPro 2)**. Sisäilmastoseminaari 2015 SIY Raportti 33, Messukeskus, Helsinki 11.3.2015: Sisäilmastoseminaari. editor / Jorma Säteri ; Mervi Ahola. Vol. Sisäilmayhdistys raportti 33 Juva, 2015. pp. 101-106

Annala, Petri ; Marttila, Tero ; Kero, Paavo ; Suonketo, Jommi ; Pentti, Matti. / **Valtion tukemien homekorjaushankkeiden arviointi -jatkotutkimus (HKPro 3)**. Sisäilmastoseminaari 2015 SIY Raportti 33, Messukeskus, Helsinki 11.3.2015. editor / Jorma Säteri ; Mervi Ahola. Vol. Sisäilmayhdistys raportti 33 Juva, 2015. pp. 107-112 (Sisäilmayhdistys).

Moilanen, Carolina ; Björkqvist, Tomas ; Saarenrinne, Pentti. / **Wood compression model for radial compression of earlywood and latewood**. Proceedings of the XII Finnish Mechanics Days. Rakenteiden Mekaniikan Seura ry, 2015. pp. 261-266

Viheriälä, Jukka ; Aho, Antti ; Virtanen, Heikki ; Koskinen, Mervi ; Dumitrescu, Mihail ; Guina, Mircea. / **1180 nm GaInNAs quantum well based high power DBR laser diodes**. High-Power Diode Laser Technology XV. editor / Mark S. Zediker. SPIE, 2017. (Proceedings of SPIE).

Kantola, Emmi ; Leinonen, Tomi ; Ranta, Sanna ; Tavast, Miki ; Penttinen, Jussi-Pekka ; Guina, Mircea. / **1180nm VECSEL with 50 W output power**. Proceedings of SPIE - The International Society for Optical Engineering. Vol. 9349 SPIE, 2015.

Viheriälä, Jukka ; Tuorila, Heidi ; Zia, Nouman ; Cherchi, Matteo ; Aalto, Timo ; Guina, Mircea. / **1.3µm U-bend traveling wave SOA devices for high efficiency coupling to silicon photonics**. Silicon Photonics XIV. editor / Graham T. Reed ; Andrew P. Knights. SPIE, IEEE, 2019. (Proceedings of SPIE - The International Society for Optical Engineering).

Mereuta, Alexandru ; Nechay, Kostiantyn ; Caliman, Andrei ; Suruceanu, Grigore ; Gallo, Pascal ; Guina, Mircea ; Kapon, Eli. / **1.55-µm wavelength wafer-fused OP-VECSELs in flip-chip configuration**. Vertical External Cavity Surface Emitting Lasers (VECSELs) IX. editor / Ursula Keller. SPIE, IEEE, 2019. (Proceedings of SPIE - The International Society for Optical Engineering).

Schwarz, Sebastian ; Hannuksela, Miska M. ; Fakour-Sevom, Vida ; Sheikhi-Pour, Nahid. / **2D Video Coding of Volumetric Video Data**. 2018 Picture Coding Symposium, PCS 2018 - Proceedings. IEEE, 2018. pp. 61-65

Fakour-Sevom, Vida ; Guldogan, Esin ; Kämäräinen, Joni-Kristian. / **360 panorama super-resolution using deep convolutional networks**. VISIGRAPP 2018 - Proceedings of the 13th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications . Vol. 4 SCITEPRESS, 2018. pp. 159-165

Yadav, Amit ; Chichkov, Nikolay B. ; Gumenyuk, Regina ; Zhrebtysov, Evgeny ; Melkumov, Mikhail A. ; Yashkov, Mikhail V. ; Dianov, Evgeny M. ; Rafailov, Edik U. / **405-nm pumped Ce<sup>3+</sup>-doped silica fiber for broadband fluorescence from cyan to red**. Optical Components and Materials XVI. editor / Michel J. F. Digonnet ; Shibin Jiang. SPIE, IEEE, 2019. (Proceedings of SPIE - The International Society for Optical Engineering).

Kantola, E. ; Leinonen, T. ; Penttinen, J.-P. ; Tavast, M. ; Ranta, S. ; Guina, M. / **50 W VECSEL emitting at 1180 nm**. 2015 Conference on Lasers and Electro-Optics Europe - European Quantum Electronics Conference, 21.-25.6. Munich, Germany: CB\_3\_1. OSA, 2015.

Saarinen, Esa J. ; Lyytikäinen, Jari ; Ranta, Sanna ; Rantamäki, Antti ; Saarela, Antti ; Sirbu, Alexei ; Iakovlev, Vladimir ; Kapon, Eli ; Okhotnikov, Oleg G. / **A 1.5-W frequency doubled semiconductor disk laser tunable over 40 nm at around 745 nm**. Proceedings of SPIE: Vertical External Cavity Surface Emitting Lasers (VECSELs) VI. Vol. 9734 SPIE, 2016. (Spie conference proceedings).

Jussila, Jari J. ; Mustafee, Navonil ; Aramo-Immonen, Heli ; Menon, Karan ; Hajikhani, Arash ; Helander, Nina. / **A bibliometric study on authorship trends and research themes in knowledge management literature**. 12th International Forum on Knowledge Asset Dynamics, St. Petersburg, Russia 7-9 June 2017: Knowledge Management in the 21st Century: Resilience, Creativity and Co-creation. Vol. 12 St. Petersburg, Russia, 2017. pp. 389-397

Galinina, Olga ; Turlikov, Andrey ; Pyattaev, Alexander ; Johnsson, Kerstin ; Andreev, Sergey ; Koucheryavy, Yevgeni. / **A Capacity Bound for mmWave-based Channel Access in Ultra-Dense Wearable Deployments**. 2015 7th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT). IEEE, 2015. pp. 298-304

Drossos, Konstantinos ; Zormpas, Nikolaos ; Giannakopoulos, George ; Floros, Andreas. / **Accessible Games for Blind Children, Empowered by Binaural Sound**. Proceedings of the 8th ACM International Conference on Pervasive Technologies Related to Assistive Environments. New York, NY, USA : Association for Computing Machinery (ACM), 2015. pp. 5:1-5:8 (PETRA '15).

Davidson, P. ; Raunio, J. P. ; Piché, R. / **Accurate depth estimation from a sequence of monocular images supported by proprioceptive sensors**. 23rd Saint Petersburg International Conference on Integrated Navigation Systems, ICINS 2016 - Proceedings. State Research Center of the Russian Federation, 2016. pp. 249-257

Vehmas, Risto ; Jylhä, Juha ; Väilä, Minna ; Kylmälä, Jarkko. / **A computationally feasible optimization approach to inverse SAR translational motion compensation**. Proceedings of the 12th European Radar Conference (EuRAD 2015). IEEE, 2015. pp. 17-20

Kauppila, Petteri ; Kouhia, Reijo ; Ojanperä, Juha ; Saksala, Timo ; Sorjonen, Timo. / **A continuum damage model for creep fracture and fatigue analyses**. 21st European Conference on Fracture, ECF21, 20-24 June 2016, Catania, Italy. 2016. pp. 887-894 (Procedia Structural Integrity).

Aldawood, Sarah ; Fowley, Frank ; Pahl, Claus ; Taibi, Davide ; Liu, Xiaodong. / **A coordination-based brokerage architecture for multi-cloud resource markets**. Proceedings - 2016 4th International Conference on Future Internet of Things and Cloud Workshops, W-FiCloud 2016. Institute of Electrical and Electronics Engineers Inc., 2016. pp. 7-14

Georgiev, Georgi Yordanov ; Aho, Tommi ; Kesseli, Juha ; Yli-Harja, Olli ; Kauffman, Stuart A. / **Action and power efficiency in self-organization : The case for growth efficiency as a cellular objective in escherichia coli**. Evolution, Development and Complexity - Multiscale Evolutionary Models of Complex Adaptive Systems. editor / Claudio L. Flores Martinez ; Georgi Yordanov Georgiev ; John M. Smart ; Michael E. Price. Springer, 2019. pp. 229-244 (Springer Proceedings in Complexity).

Voronin, V. ; Pismenskova, M. ; Zelensky, A. ; Cen, Yigang ; Nadykto, A. ; Egiazarian, K. / **Action recognition using the 3D dense microblock difference**. Counterterrorism, Crime Fighting, Forensics, and Surveillance Technologies II. SPIE, 2018. (Proceedings of SPIE).

Martinsuo, Miia ; Vuorinen, Lauri. / **Actors' agency in the routines of innovation project portfolio management**. Proceedings of the EURAM European Academy of Management Conference 2019: 26-28 June 2019, Lisbon, Portugal. European Academy of Management, EURAM, 2019. (EURAM conference).

Ketonen-Oksi, Sanna. / **Adapting service-based working culture as the key driver for organisational creativity and innovation**. 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. 2016.

M. Aref, Mohammad ; Astola, Pekka ; Vihonen, Juho ; Tabus, Ioan ; Ghabcheloo, Reza ; Mattila, Jouni. / **Adaptive Feedback in Local Coordinates for Real-time Vision-Based Motion Control Over Long Distances**. International Conference on Robotics and Mechantronics : (ICRoM 2017). Vol. 320 IOP Publishing Ltd., 2018. (IOP conference series : materials science and engineering).

Ketonen-Oksi, Sanna ; Jalonen, Harri. / **Advocator, jester, spokesperson, provocateur and boundary spanner? Exploring different communication styles at twitter**. 12th Conference proceedings of IFKAD2017: St.Petersburg, Russia, 7-9 June 2017. 2017. (Proceedings IFKAD).

Lenarduzzi, Valentina ; Stan, Alexandru Cristian ; Taibi, Davide ; Tosi, Davide ; Venters, Gustavs. / **A dynamical quality model to continuously monitor software maintenance**. Proceedings of the 11th European Conference on Information Systems Management, ECISM 2017. Academic Conferences and Publishing International Limited, 2017. pp. 168-178

Yli-Fossi, Timo ; Kuusisto, Risto. / **A dynamic paper machine simulator for testing of model predictive control applications**. Proceedings of AutomaatioXXI seminaari. Suomen Automaatioseura ry, 2015. pp. 1-6 (SAS julkaisusarja; 42).

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

Vainio, Ville V. ; Pulkkinen, Antti. / **A follow-up case study of the relation of PLM Architecture, Maturity and Business processes**. 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. Springer New York LLC, 2016. pp. 867-873 (IFIP Advances in Information and Communication Technology).

Ahola, Tuomas ; Stähle, Matias ; Martinsuo, Miia. / **Agency relationships in global project business**. Proceedings of EURAM18 European Academy of Management conference 2018. European Academy of Management, EURAM, 2018. (EURAM conference).

Stormi, Kati ; Laine, Teemu ; Korhonen, Tuomas. / **Agile methods in performance management system development process**. 10th Conference On New Directions In Management Accounting, Brussels, Belgium, December 14-16, 2016. 2016.

Kerst, Thomas ; Toivonen, Juha. / **Alpha radiation induced luminescence in solar blind spectral region**. CLEO: Applications and Technology, CLEO\_AT 2018. OSA - The Optical Society, 2018.

Van Mellaert, R. ; Mela, K. ; Tiainen, T. ; Heinisuo, M. ; Lombaert, G. ; Schevenels, M. / **A mixed-integer linear programming approach for global discrete size optimization of frame structures**. 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, 2016. pp. 3395-3408

Salpavaara, Timo ; Lekkala, Jukka. / **A model based analysis of the measurement errors in inductively coupled passive resonance sensors**. IMEKO XXI World Congress, Proceedings, August 30 - September 4, 2015, Prague, Czech Republic. editor / Jan Holub. 2015.

Jääskeläinen, Aki ; Sillanpää, Virpi ; Helander, Nina. / **A model for profiling information and knowledge management in the public sector**. Proceedings of 14th IFKAD 2019 conference: Matera, Italy, 5-7 June. . 2019. (Proceedings IFKAD).

Aapro, Aapo ; Messo, Tuomas ; Suntio, Teuvo. / **An accurate small-signal model of a three-phase VSI-based photovoltaic inverter with LCL-filter**. 9th International Conference on Power Electronics and ECCE Asia (ICPE-ECCE Asia). 2015. pp. 2267-2274

Ho-Van, Khuong ; Sofotasios, Paschalis C. ; Que Son, Vo ; Thanh Tra, Luu ; Hong Lien, Pham. / **Analysis of Cognitive Cooperative Networks with Best Relay Selection and Diversity Reception**. 2015 International Conference on Advanced Technologies for Communications (ATC). IEEE, 2015. pp. 651-656

Peng, Zhe ; Richter, Philipp ; Leppäkoski, Helena ; Lohan, Elena-Simona. / **Analysis of Crowdsensed WiFi Fingerprints for Indoor Localization**. Proceedings of the 21st Conference of Open Innovations Association FRUCT. Helsinki, Finland : FRUCT, 2017. pp. 268-277

Alexandru, Rusu Casandra ; Lohan, Elena-Simona. / **Analysis of Real Mobility Records in Urban and Suburban Environments**. 26TH DAAAM International Symposium on Intelligent Manufacturing and Automation. DAAAM International, 2016. pp. 0688-0692

Laitinen, Jouko ; Niemi, Arto. / **Analysis of the aircraft operational reliability research series: From statistical models to avionics data monitoring**. Proceedings of the 9th World congress on engineering asset management (WCEAM 2014), Pretoria, South Africa 28-31 Oct, 2014. 2015.

Fedotov, Andrei ; Pominova, Daria ; Orlovskaya, Elena ; Orlovskii, Yurii ; Niemi, Tapio ; Gumenyuk, Regina. / **Analysis of upconversion nanoparticles as an active medium for upconversion light sources**. Proceedings of SPIE: Optical Components and Materials XVI. Vol. 10914 S P I E - International Society for Optical Engineering, 2019. (Proceedings of SPIE : the International Society for Optical Engineering).

Monakhov, Dmitrii ; Naik, Deepa ; Curcio, Igor D. D. ; Toukoma, Henri. / **Analysis of User Exploration Patterns during Scene Cuts in Omnidirectional Videos**. SMPTE 2018. SMPTE, 2018.

Lampio, Kaj ; Karvinen, Reijo. / **A new method to calculate natural convection heat transfer from a non-isothermal fin array**. Proceedings of the 7th Baltic Heat Transfer Conference, August 24-26 2015, Tallinn Estonia. editor / Dmitri Neshumayev ; Bengt Sundén. Tallinn : Tallinn University of Technology, 2015. (Baltic Heat Transfer Conference BHTC).

Alberucci, Alessandro ; Pannian, Jisha C. ; Slussarenko, Sergei ; Piccirillo, Bruno ; Santamato, Enrico ; Marrucci, Lorenzo ; Assanto, Gaetano. / **A new waveguiding mechanism based upon geometric phase**. Frontiers in Optics 2016. Optical Society of America (OSA), 2016.

Suojanen, Marko ; Kuikka, Vesa ; Nikkarila, Juha Pekka ; Nurmi, Jari. / **An example of scenario-based evaluation of military capability areas An impact assessment of alternative systems on operations**. 9th Annual IEEE International Systems Conference, SysCon 2015 - Proceedings. The Institute of Electrical and Electronics Engineers, Inc., 2015. pp. 601-607

Rivero-Rodriguez, Alejandro ; Pileggi, Paolo ; Nykänen, Ossi. / **An Initial Homophily Indicator to Reinforce Context-Aware Semantic Computing**. 7th International Conference on Computational Intelligence, Communication Systems and Networks (CICSyN). Riga : IEEE, 2015. pp. 89-93 (International Conference on Computational Intelligence, Communications and Networks).

Nurminen, Henri ; Ardeshiri, Tohid ; Piche, Robert ; Gustafsson, Fredrik. / **A NLOS-robust TOA positioning filter based on a skew-t measurement noise model**. 2015 International Conference on Indoor Positioning and Indoor Navigation (IPIN). IEEE, 2015. pp. 1-7

Krogerus, Tomi ; Hyvönen, Mika ; Backas, Joni ; Huhtala, Kalevi. / **Anomaly Detection and Diagnostics of a Wheel Loader Using Dynamic Mathematical Model and Joint Probability Distributions**. Proceedings of the Fourteenth Scandinavian International Conference on Fluid Power, SICFP15. May 20-22, 2015. Tampere, Finland. Tampere University of Technology. Department of Intelligent Hydraulics and Automation, 2015. (The Scandinavian International Conference on Fluid Power).

Kivimäki, Jyri ; Suntio, Teuvo. / **Appearance of a Drift Problem in Variable-step Perturbative MPPT Algorithms**. 31st European Photovoltaic Solar Energy Conference and Exhibition (EU PVSEC). 2015. pp. 1602-1608

Saari, M. ; Mäkinen, T. ; Linna, P. / **Applying third-party moocs in programming education: a case study**. 9th International Conference on Education and New Learning Technologies: 3-5 July, 2017 Barcelona, Spain. Barcelona, Spain : IATED, 2017. pp. 53-59

Taibi, Davide ; Lenarduzzi, Valentina ; Pahl, Claus. / **Architectural patterns for microservices : A systematic mapping study**. CLOSER 2018 - Proceedings of the 8th International Conference on Cloud Computing and Services Science. SCITEPRESS, 2018. pp. 221-232

Iarovyi, Sergii ; Xu, Xiangbin ; Lobov, Andrei ; Lastra, Jose L. Martinez ; Strzelczak, Stanislaw. / **Architecture for Open, Knowledge-Driven Manufacturing Execution System**. Advances in Production Management Systems: Innovative Production Management Towards Sustainable Growth. Springer, 2015. pp. 519-527

Silverajan, B. ; Zhao, Hanning ; Kamath, Arjun. / **A Semantic Meta-Model Repository for Lightweight M2M**. 2018 IEEE International Conference on Communication Systems, ICCS 2018. IEEE, 2019. pp. 468-472

Jääskeläinen, Aki ; Schiele, Holger ; Aarikka-Stenroos, Leena. / **A social capital perspective on gaining optimal solutions from suppliers as preferred customer**. Academy of Management Proceedings. Vol. 2018 1. ed. Academy of Management AOM, 2018. (Academy of Management Proceedings; 1).

Drossos, Konstantinos ; Floros, Andreas ; Potirakis, Stelios ; Tatlal, Nicolas-Alexander ; Tuna, Gurkan. / **A Socially-Intelligent Multi-Robot Service Team for In-Home Monitoring**. Information, Intelligence, Systems and Applications, IISA 2014, The 5th International Conference on. IEEE, 2014. pp. 159-164

Nisula, Karoliina ; Pekkola, Samuli. / **Assessing business learning by analysing ERP simulation log files**. AIS SIGED 2016 Conference on IS education and Research. : Dublin, Ireland, December 10-11, 2016. Dublin, 2016.

Einolander, Jarno ; Vanharanta, Hannu. / **Assessment of student retention using the Evolute approach, an overview**. 6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015) and the Affiliated Conferences, AHFE 2015. Elsevier, 2015. pp. 581-586 (Procedia Manufacturing).

D'Ignazio, Marco ; Di Buo, Bruno ; Lämsivaara, Tim . / **A study on the behaviour of the weathered crust in the Perniö failure test**. Proceedings of the XVI ECSMGE 2015: 13-17 September 2015 - Edinburgh, Geotechnical Engineering for Infrastructure and Development. ICE Publishing, 2015. pp. 3639-3644

Lohan, Elena-Simona ; Kauppinen, Tomi ; Debnath, Sree Bash Chandra. / **A Survey of People Movement Analytics Studies in the Context of Smart Cities**. Proceedings of the FRUCT'19. 2016. pp. 151-158

Prudanov, Anton ; Tkachev, Sergey ; Golos, Nikolay ; Masek, Pavel ; Hosek, Jiri ; Fujdiak, Radek ; Zeman, Krystof ; Ometov, Aleksandr ; Bezzateev, Sergey ; Voloshina, Natalia ; Andreev, Sergey ; Misurec, Jiri. / **A trial of yoking-proof protocol in RFID-based smart-home environment**. Distributed Computer and Communication Networks - 19th International Conference, DCCN 2016, Revised Selected Papers. Vol. 678 Springer Verlag, 2016. pp. 25-34 (Communications in Computer and Information Science).

Heinimäki, Teemu J. ; Elomaa, Tapio. / **Augmenting Technology Trees: Automation and Tool Support**. Proceedings of the Seventh International Conference on Virtual Worlds and Games for Serious Applications (VS-Games 2015). IEEE, 2015. pp. 68-75

Halbach, Eric ; Kolu, Antti ; Ghabcheloo, Reza. / **Automated pile transfer work cycles with a robotic wheel loader**. 17th International Conference on Computing in Civil and Building Engineering (ICCCBE): Tampere, 5-7 June 2018. editor / K. Mela ; S. Pajunen ; V. Raasakka. Tampere, Finland : RIL, 2018.

Zare, Marzieh ; Neeli-Venkata, Ramakanth ; Martins, Leonardo ; Peltonen, Sari ; Ruotsalainen, Ulla ; Ribeiro, Andre S. / **Automatic Classification of Z-ring Formation Stages at the Single Cell Level in Escherichia Coli by Machine Learning**. Proceedings of the 10th International Joint Conference on Biomedical Engineering Systems and Technologies, Vol 2: Bioimaging. editor / M Silveira ; A Fred ; H Gamboa ; M Vaz. SCITEPRESS, 2017. pp. 72-76

Fouladi, Arash ; Järvenhaara, Jani ; Filanovsky, Igor M. ; Tchamov, Nikolay T. / **A Variable Battery Supply DC-DC Buck Converter Designed for 45nm-CMOS Technology**. 2016 IEEE Canadian Conference on Electrical and Computer Engineering (CCECE), Vancouver, May 15-18, 2016.. 2016.

Lehtonen, V. ; Länsivaara, T. / **Back-calculation of the Saint-Alban A test embankment with a new modelling approach in LEM**. Proceedings of the The 17th Nordic Geotechnical Meeting, Reykjavik Iceland: 25th - 28th of May 2016. 2016. pp. 691-699

Salo, Kari ; Giova, Diana ; Mikkonen, Tommi. / **Backend infrastructure supporting audio augmented reality and storytelling**. 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. Springer Verlag, 2016. pp. 325-335 (Lecture Notes in Computer Science).

Värri, Alpo. / **Balancing Expectations to the Health Software Production Process Standard**. The 3rd International Virtual Research Conference In Technical Disciplines. 2015. (RCITD - Proceedings in Research Conference in Technical Disciplines).

Tariq, Ali Bin. / **Beaconing in a highway scenario : Vulnerable vehicles problem**. Proceedings of the 11th Conference of Open Innovations Association FRUCT, FRUCT 2012. Vol. 2012-April IEEE, 2012. pp. 169-175

Drossos, K. ; Floros, A. ; Giannakouloupoulos, Andreas. / **BEADS: A dataset of Binaural Emotionally Annotated Digital Sounds**. Information, Intelligence, Systems and Applications, IISA 2014, The 5th International Conference on. IEEE, 2014. pp. 158-163

Michele Felicetti, Alberto ; Ammirato, Salvatore ; Raso, Cinzia ; Aramo-Immonen, Heli ; Jussila, Jari . / **Being a start-upper in Italy : Motivations, obstacles and success factors**. Proceedings of the 11th forum on knowledge asset dynamics: Towards a new architecture of knowledge: big data, culture and creativity. Dresden, 2016. pp. 1370-1383

Viheriäkoski, Toni ; Kohtamäki, Jari ; Peltoniemi, Terttu ; Tamminen, Pasi. / **Benchmarking of Factory Level ESD Control**. Electrical Overstress/Electrostatic Discharge Symposium Proceedings 2015. Vol. 2015 USA : IEEE COMPUTER SOC, 2015.

Zakeri, Faezeh Sadat ; Bätz, Michel ; Jaschke, Tobias ; Keinert, Joachim ; Chuchvara, Alexandra. / **Benchmarking of several disparity estimation algorithms for light field processing**. Fourteenth International Conference on Quality Control by Artificial Vision. editor / Stephane Bazeille ; Nicolas Verrier ; Christophe Cudel. SPIE, IEEE, 2019. (Proceedings of SPIE - The International Society for Optical Engineering).

Kekonen, Atte ; Bergelin, Mikael ; Eriksson, Jan-Erik ; Ylänen, Heimo ; Kielosto, Sami ; Viik, Jari. / **Bioimpedance measurement system for evaluation of the status of wound healing**. 2016 15th Biennial Baltic Electronics Conference (BEC) . IEEE, 2016. pp. 175-178

Naumenko, V. ; Solodovnik, V. ; Totsky, A. ; Zelensky, A. ; Astola, J. / **Bispectrum-based demodulation technique using triple-channel heterodyning of triplet-signal**. 2015 Second International Scientific-Practical Conference Problems of Infocommunications Science and Technology (PIC S&T). IEEE, 2015. pp. 224-226

Abramova, V. V. ; Kozhemiakin, R. ; Abramov, S. K. ; Lukin, V. V. ; Zelensky, A. A. ; Egiazarian, K. / **Blind estimation of speckle variance in synthetic aperture radar images**. 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings. The Institute of Electrical and Electronics Engineers, Inc., 2015.

Sorri, Jaakko ; Heljo, Juhani ; Järventausta, Pertti ; Honkapuro, Samuli ; Harsia, Pirkko. / **Building Codes and Demand Response of Energy Use**. Proceedings of the CIB World Building Congress 2016: Volume IV: Understanding Impacts and Functioning of Different Solutions. editor / Suvi Nenonen ; Juha-Matti Junnonen. Vol. 4 Tampere University of Technology. Department of Civil Engineering, 2016. pp. 8-21

Haverinen-Shaughnessy, Ulla ; Pekkonen, Maria ; Turunen, Mari ; Aaltonen, Anu ; Leivo, Virpi. / **Building energy retrofits, occupant health and wellbeing**. CIB World Building Congress 2016 Proceedings : Volume 2 Environmental Opportunities and challenges - Constructing commitment and acknowledging human experiences. editor / Matthijs Prins ; Hans Wamelink ; Bob Giddings ; Kihong Ku ; Manon Feenstra. Vol. 2 Tampere University of Technology. Department of Civil Engineering, 2016. pp. 679-687

Myllärniemi, J. ; Helander, N. ; Hellsten, P. ; Mahlamäki, T. ; Repo, S. / **Business intelligence approach – a practical tool for competence based curriculum development**. EDULEARN17 Proceedings. 9th International Conference on Education and New Learning Technologies: 3-5 July, 2017, Barcelona, Spain. IATED, 2017. pp. 6387-6393

Ranta, Valtteri ; Aarikka-Stenroos, Leena ; Mäkinen, Saku. / **Business models in the circular economy: a structured multiple-case analysis**. Proceedings of ISPIM Innovation Summit, Kuala Lumpur, Malaysia. The International Society for Professional Innovation Management (ISPIM): 4-7 December 2016. 2016.

Kurvinen, Antti ; Sorri, Jaakko . / **Bus Transportation Accessibility - Does It Impact Housing Values?**. Proceedings of the CIB World Building Congress 2016: Understanding impacts and functioning of different solutions. editor / Suvi Nenonen ; Juha-Matti Junnonen. Vol. IV Tampere : Tampere University of Technology. Department of Civil Engineering, 2016. pp. 321-331

Nenonen, Suvi ; Eriksson, Robert ; Niemi, Olli ; Junghans, Antje ; Nielsen, Susanne Balslev ; Lindahl, Göran. / **Campus retrofitting (CARE) methodology: a way to co-create future learning environments**. Proceedings of the 20th CIB World Building Congress 2016: May 30-June 3, 2016, Tampere, Finland. 2016. pp. 738-749

Machado, Marcelo A. ; Magnier-Watanabe, Remy ; Peltola, Tero. / **Capturing knowledge from research projects: From project reports to storytelling**. 2016 Portland International Conference on Management of Engineering and Technology (PICMET). IEEE, 2016. pp. 2048-2057

Huttunen, Heikki ; Shokrollahi Yancheshmeh, Fatemeh ; Chen, Ke. / **Car Type Recognition with Deep Neural Networks**. 2016 IEEE Intelligent Vehicles Symposium, IV 2016. IEEE, 2016. pp. 1115-1120

Matikainen, Ville ; Rubio, Silvia ; Ojala, Niko ; Koivuluoto, Heli ; Schubert, Jan ; Houdková, Sarka ; Vuoristo, Petri. / **Cavitation erosion, slurry erosion and solid particle erosion performance of metal matrix composite (MMC) coatings sprayed with modern high velocity thermal spray processes**. 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, 2017. pp. 1161-1163

Saarinen, Esa. / **CBRN Defense Using THz Pulse Trains from Semiconductor Disk Lasers**. NATO ARW on THz Diagnostics of CBRN effects and Detection of Explosives & CBRN: Proceedings of the NATO ARW on Detection of Explosives and CBRN. 2015. (NATO Science for Peace and Security Series B: Physics and Biophysics).

Puolitaival, Taija ; Forsythe, Perry ; Kähkönen, Kalle. / **Challenges Facing BIM Education : Development of Appropriate Teaching and Learning Resources**. RICS COBRA AUBEA 2015: The Construction, Building and Real Estate Research Conference of the Royal Institution of Chartered Surveyors . London : Royal Institution of Chartered Surveyors, 2015.

Pulkkinen, Antti ; Huhtala, Petri ; Leino, Simo-Pekka ; Anttila, Juha Pekka ; Vainio, Ville V. / **Characterising the industrial context of engineering change management**. 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. Springer New York LLC, 2016. pp. 618-627 (IFIP Advances in Information and Communication Technology).

Väättäjä, Heli. / **Characterizing the Context of Use in Mobile Work**. Human Work Interaction Design. Work Analysis and Interaction Design Methods for Pervasive and Smart Workplaces: 4th IFIP 13.6 Working Conference, HWID 2015, London, UK, June 25-26, 2015, Revised Selected Papers. Springer Verlag, 2015. pp. 97-113 (IFIP Advances in Information and Communication Technology).

Tamminen, Pasi ; Viheriäkoski, Toni. / **Charged cable-system ESD event**. 2016 38th Electrical Overstress/Electrostatic Discharge Symposium (EOS/ESD). IEEE, 2016.

Viheriäkoski, Toni ; Kärjä, Eira ; Hillberg, Jukka ; Tamminen, Pasi. / **Charge relaxation of slowly dissipative polymers**. 2016 38th Electrical Overstress/Electrostatic Discharge Symposium (EOS/ESD). IEEE, 2016. pp. 1-9

Rizwan, Muhammad ; Rahmat-Samii, Yahya ; Ukkonen, Leena. / **Circularly Polarized Textile Antenna For 2.45 GHz**. Circularly Polarized Textile Antenna For 2.45 GHz. IEEE, 2015. pp. 51-52

Knyazev, S. ; Tarakanov, S. ; Kuznetsov, V. ; Porozov, Yu ; Koucheryavy, Y. ; Stepanov, E. / **Coarse-grained model of protein interaction for bio-inspired nano-communication**. 2014 6th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT). 2015. pp. 260-262

Murayama, Mizuki ; Oguro, Daisuke ; Kikuchi, Hisakazu ; Huttunen, Heikki ; Ho, Yo Sung ; Shin, Jaeho. / **Color-distribution similarity by information theoretic divergence for color images**. 2016 Asia-Pacific Signal and Information Processing Association Annual Summit and Conference, APSIPA 2016. IEEE, 2017.

Ritola, Tuomas ; Coatanea, Eric. / **Combining Product Innovation With Service Innovation to Increase Value Created With a System**. Proceedings of the ASME international mechanical engineering congress and exposition, 2013, vol 12. AMER SOC MECHANICAL ENGINEERS, 2014.

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

Solomitchii, D. ; Semkin, V. ; Naderpour, R. ; Ometov, A. ; Andreev, S. / **Comparative evaluation of radio propagation properties at 15 GHz and 60 GHz frequencies**. 2017 9th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT). IEEE, 2017. pp. 91-95

López Baeza, Jesús ; Cerrone, Damiano ; Männigo, Kristjan. / **Comparing two methods for Urban Complexity calculation using Shannon-Wiener index**. Comparing two methods for Urban Complexity calculation using Shannon-Wiener index. WIT Press, 2017. pp. 369-378 (WIT Transactions on Ecology and The Environment).

Kallonen, Antti ; Nieminen, Hannu ; Das, Soumya ; Sallinen, Riitta. / **Comparison of food frequency questionnaire data and shopping records for the assessment of food intake**. Proceedings of Seventh International Conference on Well-Being in the Information Society: Fighting Inequalities (WIS 2018). 2018. pp. 25-30 (TUCS Lecture Notes).

Schnabel, Julius ; Valkealahti, Seppo. / **Compensation of PV generator output power fluctuations with energy storage systems**. 31st European Photovoltaic Solar Energy Conference and Exhibition (31st EU PVSEC), 14– 18 September, 2015, Hamburg, Germany. 2015. pp. 2177-2181

Salminen, Vesa ; Kantola, Jussi I. ; Vanharanta, Hannu . / **Competence portfolio assessment of research and development center for regional development**. 6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015) and the Affiliated Conferences, AHFE 2015 . Elsevier, 2015. pp. 701-708 (Procedia Manufacturing).

Pyrhönen, Veli-Pekka ; Koivisto, Hannu . / **Composite Nonlinear Feedback Control of a Chemical Reactor**. Proceedings of AutomaatioXXI, The Industrial Revolution of Internet – From Intelligent Devices to Networked Intelligence. Helsinki, Finland : Suomen Automaatioseura ry, 2015. (SAS julkaisusarja).

Minaev, Georgy ; Visa, Ari ; Piche, Robert. / **Comprehensive survey of similarity measures for ranked based location fingerprinting algorithm**. Indoor Positioning and Indoor Navigation (IPIN), 2017 International Conference on. IEEE, 2017.

Katkovnik, Vladimir ; Shevkunov, Igor ; Petrov, Nikolay V. ; Egiazarian, Karen. / **Computational wavelength resolution for in-line lensless holography : Phase-coded diffraction patterns and wavefront group-sparsity**. Digital Optical Technologies 2017. SPIE, 2017. (Proceedings of SPIE).

Pyrhönen, Veli-Pekka ; Seppälä, Jari ; Salmenperä, Mikko. / **Computer-supported collaborative learning : Praxes in new cell-oriented configurable PC-classroom**. SEFI conference 2016: Engineering Education on Top of the World: Industry University Cooperation. 2016.

Davidson, P. ; Merkulova, I. / **Computer vision aided navigation systems**. 23rd Saint Petersburg International Conference on Integrated Navigation Systems, ICINS 2016 - Proceedings. State Research Center of the Russian Federation, 2016. pp. 560-562

Keinänen, Marko ; Uotila, Ulrika ; Sorri, Jaakko ; Teriö, Olli ; Kähkönen, Kalle . / **Consensus building in the pre-design phase of building projects**. WBC16 Proceedings of the CIB World Building Congress 2016 Volume II : Environmental Opportunities and challenges, Constructing commitment and acknowledging human experiences. editor / Matthijs Prins ; Hans Wamelink ; Bob Giddings ; Kihong Ku ; Manon Feenstra. Vol. Volume II Tampere University of Technology. Department of Civil Engineering, 2016. pp. 561-572 (Tampere University of Technology. Department of Civil Engineering. Construction Management and Economics.).

Ortombina, L. ; Liegmann, E. ; Karamanakos, P. ; Tinazzi, F. ; Zigliotto, M. ; Kennel, R. / **Constrained Long-Horizon Direct Model Predictive Control for Synchronous Reluctance Motor Drives**. 2018 IEEE 19th Workshop on Control and Modeling for Power Electronics, COMPEL 2018. IEEE, 2018.

Vaittinen, Eija ; Nenonen, Sanna. / **Consumer acceptance in new service innovation: Enhancing consumer durables with new product-related services**. Proceedings of the 22nd Innovation Product Development Management Conference (IPDMC) . 2015. (International Product Development Management Conference).

Perttola, Henri ; Ronni, Hilikka ; Heinisuo, Markku. / **Contact analysis included in a 3D FEA of tube splices**. Eurosteel 2014 7th European conference on steel and composite structures. 2014.

Rautiainen, Antti ; Lummi, Kimmo ; Järventausta, Pertti ; Tikka, Ville ; Lana, Andrey. / **Control of Electric Vehicle Charging in Domestic Real Estates as Part of Demand Response Functionality**. Cired Workshop 2016. 2016.

Cakir, Emre ; Virtanen, Tuomas. / **Convolutional Recurrent Neural Networks for Rare Sound Event Detection**. Proceedings of the Detection and Classification of Acoustic Scenes and Events 2017 Workshop (DCASE2017). Tampere University of Technology. Laboratory of Signal Processing, 2017. pp. 27-31

Helander, Nina ; Vesalainen, Jukka ; Juha, Puskala. / **Coopetition and company performance**. IMP 2015 Conference. 2015.

Brechet, Nicolas ; Ginestet, Galatee ; Moradi, Elham ; Ukkonen, Leena ; Torres, Jeremie ; Björninen, Toni ; Virkki, Johanna. / **Cost- and time-effective sewing patterns for embroidered passive UHF RFID tags**. Proceedings of IEEE 2017 International Workshop on Antenna Technology. IEEE, 2017. pp. 30-33

Jarusriboonchai, Pradthana ; Olsson, Thomas ; Prabhu, Vikas ; Väänänen-Vainio-Mattila, Kaisa. / **CueSense: a Wearable Proximity-Aware Display Enhancing Encounters**. CHI EA '15 Proceedings of the 33rd Annual ACM Conference Extended Abstracts on Human Factors in Computing Systems . ACM, 2015.

Jaakkola, Hannu ; Thalheim, Bernhard. / **Culture-Aware Web Information System Development**. 25th International Conference on Information Modelling and Knowledge Bases EJC 2015 June 9-12, 2015, Maribor, Slovenia. editor / Tatjana Welzer ; Marko Hölbl ; Yasushi Kiyoki ; Bernhard Thalheim ; Hannu Jaakkola. Maribor : University of Maribor, Faculty of Electrical Engineering and Computer Science, 2015. pp. 121-138

Jaakkola, Hannu ; Thalheim, Bernhard. / **Culture-Aware Web Information Systems in Dependence of Context**. The Proceedings of the 27th International Conference on Information Modelling and Knowledge Bases. editor / Virach Sornlertlamvanich ; Petchporn Chawakitchareon ; Aran Hansuebsai ; Chawan Koopipat ; Yasushi Kiyoki ; Hannu Jaakkola ; Bernhard Thalheim ; Naofum Yoshida. Sirindhorn International Institute of Technology, Thammasat University, Thailand, 2017. pp. 309-331

Stormi, Kati ; Laine, Teemu ; Suomala, Petri . / **Customer lifetime value in manufacturing services**. Proceedings of the Manufacturing Accounting Research Conference 2016: Lisbon, Portugal, June 15-17, 2016. Belgium : European Institute for Advanced Studies in Management EIASM, 2016.

Helander, Nina ; Sillanpää, Virpi ; Vuori, Vilma ; Uusitalo, Olavi. / **Customer Perceived Value - A Key in Marketing of Integrated Solutions**. The 5th International Conference on Strategic Innovative Marketing., At Athens, Greece, Volume: 5: September 23-26, 2016. editor / A. Kavoura ; D. Sakas ; P. Tomaras. Springer, 2017. pp. 37-42 (Springer Proceedings in Business and Economics).

Vanharanta, Hannu ; Kantola, Jussi ; Seikola, Sami. / **Customers' conscious experience in a coffee shop**. 6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015) and the Affiliated Conferences, AHFE 2015 . Elsevier, 2015. pp. 618-625 (Procedia Manufacturing).

Ala-Maakala, Mariikka ; Liimatainen, Heikki . / **Customer value management framework for supply chains**. The proceedings of 21st international symposium on logistics (ISL 2016): Sustainable transport and supply chain innovation, Kaohsiung, Taiwan 3-6 July 2016. editor / Kulwant Pawar. 2016. pp. 447-456

Devos, Mathieu ; Ometov, Aleksandr ; Mäkitalo, Niko ; Aaltonen, Timo ; Andreev, Sergey ; Koucheryavy, Yevgeni. / **D2D communications for mobile devices: Technology overview and prototype implementation**. 8th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT). IEEE, 2016. pp. 124-129

Väyrynen, Teemu ; Peltokangas, Suvi ; Anttila, Eero ; Vilkkö, Matti. / **Data-Driven Approach for Analysis of Performance Indices in Mobile Work Machines**. DATA ANALYTICS 2015, The Fourth International Conference on Data Analytics. editor / Thomas Klemas ; Steve Chan. 2015. pp. 81-86

Valenti, Michele ; Diment, Aleksandr ; Parascandolo, Giambattista ; Squartini, Stefano ; Virtanen, Tuomas. / **DCASE 2016 Acoustic Scene Classification Using Convolutional Neural Networks**. Proceedings of the Detection and Classification of Acoustic Scenes and Events 2016 Workshop (DCASE2016). Tampere University of Technology. Department of Signal Processing, 2016.

Martinsuo, Miia ; Arvio, Ilkka. / **Decision making on sustainability in product development projects**. 15th Annual Conference of EURAM European Academy of Management: EURAM 2015. Warsaw : European Academy of Management, EURAM, 2015.

Huuhka, Satu . / **Demolished buildings : Empirical evidence on types, ages and construction materials**. CESB16 - Central Europe towards Sustainable Building 2016: Innovations for Sustainable Future, June 22-24, 2016, Prague. editor / Petr Hajek ; Jan Tywoniak ; Antonin Lupisek ; Katerina Sojkova. Prague : Czech Technical University in Prague, 2016. pp. 1105-1112

Huuhka, Satu . / **Demolition Rates of Buildings with Different Functions and Construction Materials**. YRSB16 - iiSBE Forum of Young Researchers in Sustainable Building 2016: Innovations for Sustainable Future June 21, 2016, Prague. editor / Julie Zelezna ; Petr Hajek ; Jan Tywoniak ; Antonin Lupisek ; Katerina Sojkova. Prague : Czech Technical University in Prague, 2016. pp. 301-307

Mäki, Antti-Juhana ; Kontunen, Anton ; Ryyänen, Tomi ; Verho, Jarmo ; Kreutzer, Joose ; Lekkala, Jukka ; Kallio, Pasi. / **Design and simulation of a thermal flow sensor for gravity-driven microfluidic applications**. IEEE 11th Annual International Conference on Nano/Micro Engineered and Molecular Systems (NEMS). IEEE, 2016. pp. 125-129

Joutsenlahti, Jorma ; Ali-Löytty, Simo ; Pohjolainen, Seppo. / **Developing Learning and Teaching in Engineering Mathematics with and without Technology**. SEFI 2016 Annual Conference Proceedings: Engineering Education on Top of the World: Industry University Cooperation. European Society for Engineering Education SEFI, 2016.

Sislian, Rodrigo ; Da Silva, Flavio Vasconcelos ; Gedraite, Rubens ; Jokinen, Heikki ; An, Dhanesh Kattipparambil Raj. / **Development of a Low-Cost Fuzzy Gain Schedule Neutralization Control System**. WCECS 2015 - World Congress on Engineering and Computer Science 2015. Vol. II Newswood Limited, 2015. pp. 575-578 (Lecture Notes in Engineering and Computer Science).

Fang, Cheng Yi ; Vallini, Felipe ; Amili, Abdelkrim El ; Tukiainen, Antti ; Lyytikäinen, Jari ; Guina, Mircea ; Fainman, Yeshaiahu. / **Development of efficient electrically pumped nanolasers based on InAlGaAs tunnel junction**. CLEO: Science and Innovations, CLEO\_SI 2018. OSA - The Optical Society, 2018.

Salmisto, Alpo ; Keinänen, Marko ; Kähkönen, Kalle. / **Development of students' multidisciplinary collaboration skills by simulation of the design process**. Proceedings of the CIB World Building Congress 2016: Volume I - Creating built environments of new opportunities.. Vol. 1 2016. pp. 348-360

Hokka, Mikko ; Mirow, Nikolas ; Nagel, Horst ; Vogt, Sebastian ; Kuokkala, Veli-Tapani. / **DIC measurements of the human heart during cardiopulmonary bypass surgery**. Conference Proceedings of the Society for Experimental Mechanics Series. Vol. 6 Springer New York LLC, 2016. pp. 51-59

Uusitalo, Topi ; Virtanen, Heikki ; Viheriälä, Jukka ; Salmi, Joel ; Aho, Antti T. ; Dumitrescu, Mihail. / **Difference frequency modulation of multi-section dual-mode lasers with nanoscale surface gratings**. SPIE Proceedings: Novel In-Plane Semiconductor Lasers XV. editor / Alexey A. Belyanin ; Peter M. Snowton. Vol. 9767 SPIE, 2016. (Proceedings of SPIE).

Kärkkäinen, Hannu ; Silventoinen, Anneli. / **Different approaches of the PLM maturity concept and their use domains –analysis of the state of the art**. 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. Springer New York LLC, 2016. pp. 89-102 (IFIP Advances in Information and Communication Technology).

Pannian, Jisha C. ; Alberucci, Alessandro ; Boardman, Allan ; Assanto, Gaetano. / **Diffraction compensation of finite beams in hyperbolic metamaterials**. Laser science 2016. Optical Society of America (OSA), 2016.

Soltani, Ayat ; Curtze, S. ; Lahti, J. ; Järvelä, K. ; Laurikka, J. ; Hokka, M. ; Kuokkala, V. T. / **Digital image correlation study of the deformation and functioning of the human heart during open-heart surgery**. 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 Springer New York LLC, 2018. pp. 19-27 (Conference Proceedings of the Society for Experimental Mechanics).

Karimi, Nazanin ; Kunwar, Puskal ; Toivonen, Juha. / **Direct Laser Writing of Fluorescent Silver Nanoclusters in Polyvinyl Alcohol Films**. Frontiers in Optics 2015: Proceedings. 2015.

Narhi, Mikko ; Wetzel, Benjamin ; Billet, Cyril ; Merolla, Jean-Marc ; Toenger, Shanti ; Sylvestre, Thibaut ; Morandotti, Roberto ; Dias, Frédéric ; Genty, Goëry ; Dudley, John M. / **Direct Measurement of Temporal Rogue Waves Generated by Spontaneous Modulation Instability**. Frontiers in Optics 2016. Optical Society of America, 2016.

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

Kriesi, Carlo ; Steinert, Martin ; Aalto-Setälä, Laura ; Anvik, Anders ; Balters, Stephanie ; Baracchi, Alessia ; Jensen, Bisballe Matilde ; Bjorkli, Leif Erik ; Buzzaccaro, Nicolo ; Cortesi, Dario ; D'Onghia, Francesco ; Dosi, Clio ; Franchini, Giulia ; Fuchs, Matt ; Gerstenberg, Achim ; Hansen, Erik ; Hiekkänen, Karri Matias ; Hyde, David ; Ituarte, Inigo ; Kalasniemi, Jani ; Kurikka, Joonas ; Lanza, Irene ; Laurila, Anssi ; Lee, Tik Ho ; Lonvik, Siri ; Mansikka-Aho, Anniina ; Nordberg, Markus ; Oinonen, Päivi ; Pedrelli, Luca ; Pekuri, Anna ; Rane, Enna ; Reime, Thov ; Repokari, Lauri ; Ronningen, Martin ; Rowlands, Stephanie ; Sjomán, Heikki ; Slattsveen, Kristoffer ; Strachan, Andy ; Stromstad, Kirsti ; Suren, Stian ; Tapio, Peter ; Utriainen, Tuuli ; Vignoli, Matteo ; Vijaykumar, Saurabh ; Welø, Torgeir ; Wulvik, Andreas. / **Distributed Experiments in Design Sciences, a Next Step in Design Observation Studies?** DS 80-2 Proceedings of the 20th International Conference on Engineering Design (ICED 15) Vol 2: Design Theory and Research Methodology Design Processes. editor / C Weber ; S Husung ; M Cantamessa ; G Cascini ; D Marjanovic ; S Venkataraman. DESIGN SOC, 2015. (International Conference on Engineering Design).

Aarikka-Stenroos, Leena ; Talvitie, Miika. / **Distributors As Market Orientation Agents in Innovation Development and Commercialization.** The Proceedings of the XXVI ISPIM Conference 2015 Budapest, Hungary . Denmark : International Society for Professional Innovation Management ISPIM, 2015.

Jussila, Jari ; Aramo-Immonen, Heli ; Rouvari, Olli ; Porkka, Pasi ; Ammirato, Salvatore. / **Does Strategic and Innovative Fit Indicate Smart Social Media use in a Company?** 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. Dresden, 2016. pp. 1973-1983

Isotalo, Tero J. ; Niemi, Tapio. / **Dots-on-the-fly electron beam lithography.** SPIE Proceedings: Alternative Lithographic Technologies VIII. editor / Christopher Bencher. Vol. 9777 SPIE, 2016. (Proceedings of SPIE).

Kahle, Hermann ; Phung, Hoy-My ; Penttinen, Jussi-Pekka ; Rajala, Patrik ; Tukiainen, Antti ; Ranta, Sanna ; Guina, Mircea. / **Double-side pumped membrane external-cavity surface-emitting laser (MECSEL) with increased efficiency emitting > 3 W in the 780 nm region.** 2019 Conference on Lasers and Electro-Optics, CLEO 2019 - Proceedings. IEEE, 2019.

Bolla, Padma ; Lohan, Elena-Simona. / **Dual-frequency signal processing architecture for robust and precise positioning applications.** 2018 IEEE/ION Position, Location and Navigation Symposium, PLANS 2018. IEEE, 2018. pp. 72-80

Paloniitty, Miika. / **Durability study on high speed water hydraulic miniature on/off-valve.** DFP16, Proceedings of the eighth workshop on digital fluid power, May 24-25, 2016, Tampere, Finland. Tampere, 2016. pp. 201-211

Jokipii, Juha ; Suntio, Teuvo. / **Dynamic characteristics of three-phase Z-source-based photovoltaic inverter with asymmetric impedance network.** 9th International Conference on Power Electronics ECCE Asia (ICPE-ECCE Asia). IEEE, 2015. pp. 1976-1983

Stoykova, Elena ; Nazarova, Dimana ; Berberova, Nataliya ; Gotchev, Atanas ; Ivanov, Branimir ; Mateev, Georgy. / **Dynamic laser speckle metrology with binarization of speckle patterns.** 19th International Conference and School on Quantum Electronics: Laser Physics and Applications. SPIE, 2017. (Proceedings of SPIE).

Tiitola, Vesa ; Korhonen, Tuomas ; Laine, Teemu ; Lyly-Yrjänäinen, Jouni. / **Dynamics of value in technology inspired value co-creation: Case in homecare value network.** 14th IFKAD 2019 Proceedings: 5-7 June 2019, Matera, Italy. IKAM Centro Studi & Ricerche, 2019. (PROCEEDINGS IFKAD).

Mela, Kristo ; Heinisuo, Markku. / **Economical utilization of high strength steel : Welded slim floor box beams.** Eurosteel 2014 7th European conference on steel and composite structures. 2014.

Partanen, Tiina ; Niemelä, Pia ; Mannila, Linda ; Poranen, Timo. / **Educating Computer Science Educators Online - A Racket MOOC for Elementary Math Teachers of Finland**. Proceedings of the 9th International Conference on Computer Supported Education. SCITEPRESS - Science and Technology Publications, 2017. pp. 47-58

Niemelä, Pia ; Di Flora, Cristiano ; Helevirta, Martti ; Isomöttönen, Ville. / **Educating future coders with a holistic ICT curriculum and new learning solutions**. 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, 2016. pp. 132-136

Kuula, Pirjo ; Leppänen, Minna ; Kolisoja, Pauli ; Korkiala-Tanttu, Leena ; Sorvari, Jaana ; Gustavsson, Henry. / **Education on the utilization of secondary materials in earthworks**. 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. editor / Pentti Lahtinen ; Ville Raasakka. RIL - Finnish Association of Civil Engineers, 2018. pp. 177-187

Aapro, Aapo ; Messo, Tuomas ; Suntio, Teuvo. / **Effect of active damping on the output impedance of PV inverter**. IEEE 16th Workshop on Control and Modeling for Power Electronics (COMPEL). 2015.

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

Viinamäki, Jukka ; Jokipii, Juha ; Suntio, Teuvo. / **Effect of Inductor Saturation on the Harmonic Currents of Grid-Connected Three-Phase VSI in PV Application**. 2015 9th International Conference on Power Electronics and ECCE Asia (ICPE-ECCE Asia), 1-5 June 2015, Seoul. IEEE, 2015. pp. 1209-1216

Vazquez Fernandez, N. ; Isakov, M. ; Hokka, M. ; Kuokkala, V. T. / **Effects of adiabatic heating estimated from tensile tests with continuous heating**. Dynamic Behavior of Materials - Proceedings of the 2017 Annual Conference on Experimental and Applied Mechanics. Vol. 1 Springer New York LLC, 2018. pp. 1-7 (Conference Proceedings of the Society for Experimental Mechanics).

Mardoukhi, Ahmad ; Hokka, Mikko ; Kuokkala, Veli-Tapani. / **Effects of surface cracks and strain rate on the tensile behavior of Balmoral Red granite**. 11th International Conference on the Mechanical and Physical Behaviour of Materials Under Dynamic Loading. EDP Sciences, 2015.

Koskinen, Jukka Antero. / **E-learning of ethics, awareness, hacking and research by information security majors**. Proceedings of SEFI Annual Conferences. European Society for Engineering Education SEFI, 2015.

Lummi, Kimmo ; Rautiainen, Antti ; Järventausta, Pertti ; Heine, Pirjo ; Lehtinen, Jouni ; Hyvärinen, Markku. / **Electricity Distribution Network Tariffs - Present Practices, Future Challenges and Development Possibilities**. CIRED Workshop 2016. 2016.

Laine, Katja ; Sipilä, Erja ; Anderson, Marjut ; Sydänheimo, Lauri. / **Electronic Exam in Electronics Studies**. SEFI Annual Conference 2016: Engineering Education on Top of the World: Industry University Cooperation. 2016.

Vihieriäkoski, Toni ; Kärjä, Eira ; Gärtner, Reinhold ; Tamminen, Pasi. / **Electrostatic discharge characteristics of conductive polymers**. Electrical Overstress/Electrostatic Discharge Symposium Proceedings 2017, EOS/ESD 2017. ESD Association, 2017.

Vihieriäkoski, Toni ; Kokkonen, Mika ; Tamminen, Pasi ; Karja, Eira ; Hillberg, Jukka ; Smallwood, Jeremy. / **Electrostatic Threats in Hospital Environment**. 2014 36TH Electrical overstress/electrostatic discharge symposium (EOS/ESD). IEEE COMPUTER SOC, 2014. (Electrical Overstress Electrostatic Discharge Symposium).

Niemelä, Pia ; Valmari, Antti. / **Elementary math to close the digital skills gap**. CSEDU 2018 - Proceedings of the 10th International Conference on Computer Supported Education. Vol. 2 SCITEPRESS, 2018. pp. 154-165

Virkki, Johanna ; Chen, Xiaochen ; Björninen, Toni ; Ukkonen, Leena. / **Embroidered antennas and antenna-electronics interfaces for wearable RFID tags**. IMWS-AMP 2017 International Microwave Workshop Series on Advanced Materials and Processes. IEEE, 2017.

Andersson, Tuula ; Boedeker, Mika ; Vuori, Vilma. / **Emotion-Gauge: Analyzing affective experiences in B2B customer journeys**. Strategic Innovative Marketing : 5th IC-SIM, Athens, Greece, September 23-26, 2016. editor / Androniki Kavoura ; Damianos Sakas ; Petros Tomaras. Springer, 2017. pp. 31-36 (Springer Proceedings in Business and Economics).

Juuti, Tero ; Pakkanen, Jarkko ; Lehtonen, Timo. / **Empirical study of good, bad and ugly modular engineering solutions in machinery manufacturing industry**. 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. Cambridge University Press, 2019. pp. 2981-2990 (Proceedings of the Design Society: International Conference on Engineering Design ).

Viita, Jussi ; Junnonen, Juha-Matti. / **Empowerment in construction: a qualitative analysis of subcontractors' quality assurance**. 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, 2016. pp. 436-448

Helander, Nina ; Okkonen, Jussi ; Vuori, Vilma ; Paavilainen, Niina ; Kujala, Johanna. / **Enablers and Restraints of Knowledge Work – Does profession make a difference?**. 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. 2016. pp. 40-52

Ikkala, Kimmo ; Lanz, Minna ; Kiviö, Jouko ; Coatanéa, Eric. / **Energy efficiency evaluation method for machine tools**. Flexible Automation and Intelligent Manufacturing 2015. The Choir Press, 2015. pp. 58-65

Laine, Teemu ; Suomala, Petri ; Saukkonen, Natalia. / **Engaging facts and feelings in management accounting practices**. IFKAD 2015 : 10th International Forum on Knowledge Asset Dynamics, Bari, Italy, June 10th-12th. Italy : Institute of Knowledge Asset Management & Arts for Business Institute, 2015. (International forum on knowledge asset dynamics).

Pyrhönen, Veli-Pekka. / **Enhancing old laboratory experiment using flipped learning : Towards self-regulating collaborative groups in blended learning environment**. SEFI conference 2016: Engineering Education on Top of the World: Industry University Cooperation. 2016.

Vaittinen, Eija ; Martinsuo, Miia ; Nenonen, Sanna . / **Enhancing the acceptance of advanced services among users of complex systems**. Servitization: Shift, Transform, Grow: Proceedings of the Spring Servitization Conference, 16-17 May 2016 (SSC2016). editor / Tim Baines ; Dave Harrison ; Judy Zolkiewski. 2016. pp. 162-170

Tamminen, Pasi ; Viheriäkoski, Toni ; Ukkonen, Leena ; Sydänheimo, Lauri. / **ESD and Disturbance Cases in Electrostatic Protected Areas**. Electrical Overstress / Electrostatic Discharge Symposium Proceedings 2015. Vol. 2015 USA : IEEE COMPUTER SOC, 2015.

Tamminen, Pasi ; Sydänheimo, Lauri ; Ukkonen, Leena. / **ESD Sensitivity of 01005 Chip Resistors and Capacitors**. 2014 36TH Electrical Overstress/Electrostatic Discharge Symposium (EOS/ESD). IEEE COMPUTER SOC, 2014. (Electrical Overstress Electrostatic Discharge Symposium).

Einolander, Jarno. / **Evaluating organizational commitment in support of organizational leadership**. 6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015) and the Affiliated Conferences, AHFE 2015. Elsevier, 2015. pp. 668–673 (Procedia Manufacturing).

Raunio, Jukka-Pekka ; Makela, Ismo ; Mäntylä, Markku ; Ritala, Risto. / **Evaluating the contrast of planar periodic patterns on paper**. Paper Conference and Trade Show, PaperCon 2018. TAPPI Press, 2018. pp. 294-302

Mendes, Miguel Rodrigues ; Subramaniyam, Narayan Puthanmadam ; Wendel-Mitoraj, Katrina. / **Evaluating the electrode measurement sensitivity of subdermal electroencephalography electrodes**. International IEEE/EMBS Conference on Neural Engineering, NER. Vol. 2015-July IEEE COMPUTER SOCIETY PRESS, 2015. pp. 1092-1095

Kart, Ugur ; Kämäräinen, Joni Kristian ; Fan, Lixin ; Gabbouj, Moncef. / **Evaluation of visual object trackers on equirectangular panorama**. VISIGRAPP 2018 - Proceedings of the 13th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications . Vol. 5 SCITEPRESS, 2018. pp. 25-32

Holopainen, Sami. / **Evolution equations based approach for modeling of fatigue in amorphous glassy polymers. On the investigation of fatigue damage development in polycarbonate**. Proc. of VII European Congress on Computational Methods in Applied Sciences and Engineering , ECCOMAS Congress 2016. : M. Papadrakakis, V. Papadopoulos, G. Stefanou, V. Plevris (eds.) . Crete Island, Greece, 5 – 10 June 2016. editor / M. Papadrakakis ; V. Papadopoulos ; G. Stefanou ; V. Plevris . 2016. pp. 6675-6687

Mäkitalo-Keinonen, Tiina ; Aarikka-Stenroos, Leena. / **Examining Innovation Barriers along Innovation Process in Multi-Industry Hygiene-Technology Network**. The Proceedings of the XXVI ISPIM Conference 2015 Budapest, Hungary . Denmark : International Society for Professional Innovation Management ISPIM, 2015.

Kelo, Tomi ; Eronen, Juhani. / **Experiences from development of security audit criteria**. Proceedings of the 16th European Conference on Cyber Warfare and Security, ECCWS 2017. TAPPI Press; Curran Associates, Inc, 2017. pp. 208-215

Naumenko, V. V. ; Solodovnik, V. F. ; Totsky, A. V. ; Zelensky, A. A. ; Astola, J. T. / **Experimental study of bispectrum-based encoding in radio communication system**. 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings. The Institute of Electrical and Electronics Engineers, Inc., 2015.

Tosi, Davide ; Lenarduzzi, Valentina ; Morasca, Sandro ; Taibi, Davide. / **Experimenting traditional and modern reliability models in a 3-years european software project**. Proceedings of the 11th European Conference on Information Systems Management, ECISM 2017. Academic Conferences and Publishing International Limited, 2017. pp. 304-314

Chaudhary, Sunil ; Zhao, Yan ; Berki, Eleni ; Valtanen, Juri ; Li, Linfeng ; Helenius, Marko ; Mystakidis, Stylianos ; Nalam, Thrushna ; Thapa, Rajendra Bahadur. / **Exploring Attitudes, Knowledge and Competencies for Security Technology: A Cross-Cultural Survey in Higher Education**. 8th International Conference on ICT, Society and Human Beings 2015. 2015. pp. 11-18

Mäkinen, S.J. ; Dedehayir, O. ; Ortt, R. / **Exploring effects of ecosystem clockspeed on product performance**. IEEE International Conference on Industrial Engineering and Engineering Management. Vol. 2015-January IEEE COMPUTER SOCIETY PRESS, 2015. pp. 1457-1461

Saari, Ulla A. ; Mäkinen, Saku J. / **Exploring how brand experience measurement could be used for integrating marketing and R&D**. XXVII ISPIM Innovation Conference 2016: Porto, 19-22 June, 2016. 2016.

Hynynen, Ari . / **Extending Professional Fields. Architectural Research and Regional Development**. Proceedings of the CIB World Building Congress 2016.: Volume I - Creating built environments of new opportunities. editor / Kalle Kähkönen ; Marko Keinänen. Vol. I Tampere University of Technology. Department of Civil Engineering, 2016. pp. 372-383

Närhi, Mikko ; Genty, Goëry ; Steinmeyer, Günter ; Sand, Johan ; Orsila, Lasse. / **Extreme Nonlinear Signal Amplification**. 2015 European Conference on Lasers and Electro-Optics - European Quantum Electronics Conference. OSA, 2015.

Niu, Longchuan ; Suominen, Olli ; M. Aref, Mohammad ; Mattila, Jouni ; Ruiz, Emilio ; Esque, Salvador. / **Eye-in-Hand Manipulation for Remote Handling: Experimental Setup**. International Conference on Robotics and Mechantronics : (ICRoM 2017). Vol. 320 IOP Publishing Ltd., 2018. (IOP conference series : materials science and engineering).

Perttula, Arttu. / **Eye tracking studies focusing on mathematics: a literature review**. INTED2017. The 11th annual International Technology, Education and Development Conference: Valencia, 6th - 8th of March, 2017.. IATED Academy, 2017.

Zia, Nouman ; Viheriälä, Jukka ; Koskinen, Riku ; Koskinen, Mervi ; Suomalainen, Soile ; Guina, Mircea. / **Fabrication and characterization of broadband superluminescent diodes for 2  $\mu\text{m}$  wavelength**. Light-Emitting Diodes: Materials, Devices, and Applications for Solid State Lighting XX. SPIE, 2016. (Proceedings of SPIE).

Chen, X. ; He, H. ; Ukkonen, L. ; Virkki, J. ; Xu, J. ; Wang, T. ; Cheng, L. / **Fabrication and Practical Evaluation of Glove-integrated Passive UHF RFID Tags**. 2018 IEEE International Conference on RFID Technology Application (RFID-TA). IEEE, 2018.

Chen, X. ; He, H. ; Ukkonen, L. ; Virkki, J. ; Lu, Y. ; Lam, H. / **Fabrication and reliability evaluation of passive UHF RFID T-shirts**. 2018 IEEE International Workshop on Antenna Technology, iWAT2018 - Proceedings. IEEE, 2018. pp. 1-4

Siivonen, Lauri ; Linjama, Matti ; Huova, Mikko ; Försterling, Heino ; Stamm, Edgar ; Deubel, Till. / **Fault Tolerance of Digital Hydraulics in High Dynamic Hydraulic System**. The Fourteenth Scandinavian International Conference on Fluid Power. Vol. 1 1. ed. Tampere, Finland, 2015.

Ometov, Aleksandr ; Masek, Pavel ; Malina, Lukas ; Florea, Roman ; Hosek, Jiri ; Andreev, Sergey ; Hajny, Jan ; Niutanen, Jussi ; Koucheryavy, Yevgeni. / **Feasibility characterization of cryptographic primitives for constrained (wearable) IoT devices**. 2016 IEEE International Conference on Pervasive Computing and Communication Workshops, PerCom Workshops 2016. IEEE, 2016.

Petrov, Vitaly. / **Feasibility study of the THz band for communications between wearable electronics**. 2015 17th Conference of Open Innovations Association (FRUCT), 20-24 April 2015, Yaroslavl. . IEEE, 2015. pp. 157-162 (Conference of Open Innovations Association (FRUCT)).

Tamminen, Pasi ; Viheriäkoski, Toni ; Reinvuo, Tuomas ; Sydänheimo, Lauri ; Ukkonen, Leena. / **Field Collapse Event ESD Test Method**. 2014 36TH Electrical overstress/electrostatic discharge symposium (EOS/ESD). IEEE COMPUTER SOC, 2014. (Electrical Overstress Electrostatic Discharge Symposium).

Takala, Annina ; Korhonen-Yrjänheikki, Kati. / **Finnish Engineering Education for Sustainable Development in 2016 - Call for collaborative learning**. SEFI 2016 Annual Conference Proceedings: Engineering Education on Top of the World: Industry University Cooperation. European Society for Engineering Education SEFI, 2016.

Lietzen, Jesse ; Kylliäinen, Mikko. / **Finnish Round Robin Test on Airborne Sound Insulation**. 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. Hersonissos, Crete, Greece : European Acoustic Association EAA, 2018. pp. 1677-1682 (European Congress and Exposition on Noise Control Engineering).

Abdallah, Zeina ; Stefszky, Michael ; Ulvila, Ville ; Silberhorn, Christine ; Vainio, Markku. / **Frequency Comb Generation in a Continuous-Wave Pumped Second-Order Nonlinear Waveguide Resonator**. 2019 Conference on Lasers and Electro-Optics, CLEO 2019 - Proceedings. IEEE, 2019.

Kantola, Emmi ; Penttinen, Jussi-Pekka ; Leinonen, Tomi ; Ranta, Sanna ; Guina, Mircea. / **Frequency-doubled VECSEL employing a Volume Bragg Grating for linewidth narrowing**. CLEO: Applications and Technology, CLEO\_AT 2018. OSA - The Optical Society, 2018.

Kantola, Emmi ; Leinonen, Tomi ; Rantamäki, Antti ; Guina, Mircea ; Sirbu, Alexei ; Iakovlev, Vladimir. / **Frequency-doubled wafer-fused 638 nm VECSEL with an output power of 5.6 W**. CLEO: Applications and Technology, CLEO\_AT 2018. OSA - The Optical Society, 2018.

Taibi, Davide ; Systä, Kari. / **From monolithic systems to microservices : A decomposition framework based on process mining**. CLOSER 2019 - Proceedings of the 9th International Conference on Cloud Computing and Services Science. editor / Donald Ferguson ; Victor Mendez Munoz ; Markus Helfert ; Claus Pahl. SCITEPRESS, 2019. pp. 153-164

Kiili, Kristian. / **From theories to game mechanics : Developing a game for training rational numbers**. Proceedings of the 11th European Conference on Games Based Learning, ECGBL 2017. Academic Conferences and Publishing International Limited, 2017. pp. 328-334

Smith, Jarrod ; Kuokkala, Veli-Tapani ; Seidt, Jeremy ; Gilat, Amos. / **Full-Field Temperature and Strain Measurement in Dynamic Tension Tests on SS 304**. Dynamic Behavior of Materials, Volume 1: Proceedings of the 2016 Annual Conference on Experimental and Applied Mechanics. Springer International Publishing, 2016. pp. 37-44 (Conference proceedings of the Society for Experimental Mechanics).

Pluduma, Liene ; Freimanis, Edijs ; Gross, Karlis ; Koivuluoto, Heli ; Algate, Kent ; Haynes, David ; Vuoristo, Petri. / **Functionalizing Surface Electrical Potential of Hydroxyapatite Coatings**. 11th International Conference Medical Applications of Novel Biomaterials and Nanotechnology. Vol. 102 2016. pp. 12-17 (Advances in Science and Technology).

Backas, Joni ; Ghabcheloo, Reza ; Huhtala, Kalevi. / **Gain Scheduling Full State Feedback with D-Implementation for Velocity Tracking of Hydrostatic Drive Transmission**. Proceedings of the Fourteenth Scandinavian International Conference on Fluid Power, SICFP15. May 20-22, 2015. Tampere, Finland. Tampere University of Technology. Department of Intelligent Hydraulics and Automation, 2015. pp. 64-75

Perttula, Arttu ; Tuomi, Pauliina. / **Gamification at School**. EDULEARN17: The 9th International Conference on Education and New Learning Technologies. 2017. pp. 9334-9340

Eriksson, Sirkka-Liisa ; Orelma, Heikki ; Vuojamo, Vesa. / **Generalized hyperbolic harmonic functions in the plane**. Proceedings of the International Conference on Numerical Analysis and Applied Mathematics 2014 (ICNAAM-2014). Vol. 1648 American Institute of Physics Inc., 2015.

Messo, Tuomas ; Aapro, Aapo ; Suntio, Teuvo. / **Generalized multivariable small-signal model of three-phase grid-connected inverter in DQ-domain**. IEEE 16th Workshop on Control and Modeling for Power Electronics (COMPEL). IEEE, 2015.

Stankovic, Radomir S. ; Astola, Jaakko ; Moraga, Claudio. / **Gibbs Dyadic Differentiation on Groups - Evolution of the Concept**. Computer Aided Systems Theory – EUROCAST 2017 - 16th International Conference, Revised Selected Papers. Springer Verlag, 2018. pp. 229-237 (Lecture Notes in Computer Science).

Ahmed, Shahbaz ; Musfequr Rehman, S. M. ; Ukkonen, Leena ; Björninen, Toni. / **Glove-integrated slotted patch antenna for wearable UHF RFID reader**. 2018 IEEE International Conference on RFID Technology & Application (RFID-TA). IEEE, 2018.

Christophe, Francois ; Wang, Min ; Coatanea, Eric ; Zeng, Yong ; Bernard, Alain. / **Grammatical and Semantic Disambiguation of Requirements at Elicitation and Representation Stages**. Proceedings of the ASME International Design Engineering Technical Conferences and Computers and Information in Engineering, 2011, vol 9. AMER SOC MECHANICAL ENGINEERS, 2012. pp. 17-31

Ledentsov, N. N. ; Shchukin, V. A. ; Lyytikäinen, J. ; Okhotnikov, O. ; Cherkashin, N. A. ; Shernyakov, Yu M. ; Payusov, A. S. ; Gordeev, N. Y. ; Maximov, M. V. ; Schlichting, S. ; Nippert, F. ; Hoffmann, A. / **Green (In,Ga,Al)P-GaP light-emitting diodes grown on high-index GaAs surfaces**. Proceedings of SPIE: Light-Emitting Diodes: Materials, Devices, and Applications for Solid State Lighting XIX. Vol. 9383 SPIE, 2015.

Leinonen, Tomi ; Penttinen, Jussi Pekka ; Korpijärvi, Ville Markus ; Kantola, Emmi ; Guina, Mircea. / **>8W GainNAs VECSEL emitting at 615 nm**. Proceedings of SPIE: Vertical External Cavity Surface Emitting Lasers (VECSELs) V. Vol. 9349 SPIE, 2015.

Järvenpää, Eeva ; Lanz, Minna. / **Guidelines for Designing Human-friendly User Interfaces for Factory Floor Manufacturing Operators**. Advances in Production Management Systems: Innovative Production Management Towards Sustainable Growth: IFIP WG 5.7 International Conference, APMS 2015, Tokyo, Japan, September 7-9, 2015, Proceedings, Part II. Springer International Publishing, 2015. pp. 531-538 (IFIP Advances in Information and Communication Technology).

Komar, Maria ; Edelev, Sviatoslav ; Koucheryavy, Yevgeni. / **Handheld wireless authentication key and secure documents storage for the Internet of Everything**. 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, 2016. pp. 120-130

Kulmala, Anna ; Repo, Sami. / **Handling exceptional situations in a distribution network congestion management algorithm**. CIRED Workshop 2016. Helsinki, Finland, 2016.

Roncero-Sanchez, Pedro ; Acha, Enrique. / **Harmonic and Imbalance Voltage Mitigation in Smart Grids: A DSTATCOM Based Solution**. IEEE EUROCON 2015. 2015.

Zare, Alireza ; Sreedhar, Kashyap Kammachi ; Vadakital, Vinod Kumar Malamal ; Aminlou, Alireza ; Hannuksela, Miska M. ; Gabbouj, Moncef. / **HEVC-compliant viewport-adaptive streaming of stereoscopic panoramic video**. 2016 Picture Coding Symposium, PCS 2016. IEEE, 2017.

Yancheshmeh, Fatemeh Shokrollahi ; Chen, Ke ; Kämäräinen, Joni-Kristian. / **Hierarchical deformable part models for heads and tails**. VISIGRAPP 2018 - Proceedings of the 13th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications . Vol. 5 SCITEPRESS, 2018. pp. 45-55

Närhi, Mikko ; Tengvall, M. ; Toivonen, J. ; Dudley, John M. ; Genty, Goëry. / **High Dynamic Range Single-Shot Spectral Measurements of Spontaneous Modulation Instability**. Frontiers in Optics 2016. Optical Society of America (OSA), 2016.

Mateos, Xavier ; Loiko, Pavel ; Lamrini, Samir ; Scholle, Karsten ; Fuhrberg, Peter ; Suomalainen, Soile ; Härkönen, Antti ; Guina, Mircea ; Vatnik, Sergei ; Vedin, Ivan ; Aguiló, Magdalena ; Diáz, Francesc ; Wang, Yicheng ; Griebner, Uwe ; Petrov, Valentin. / **Highly-efficient Ho:KY(WO4)2 thin-disk lasers at 2.06  $\mu\text{m}$** . Pacific-Rim Laser Damage 2018: Optical Materials for High-Power Lasers. SPIE, IEEE, 2018. (Proceedings of SPIE).

Zia, Nouman ; Viheriälä, Jukka ; Koivusalo, Eero ; Aho, Antti ; Suomalainen, Soile ; Guina, Mircea. / **High performance GaSb superluminescent diodes for tunable light source at 2  $\mu\text{m}$  and 2.55  $\mu\text{m}$** . CLEO: Applications and Technology, CLEO\_AT 2018. OSA - The Optical Society, 2018.

Viheriälä, Jukka ; Aho, Antti T. ; Mäkelä, Jaakko ; Salmi, Joel ; Virtanen, Heikki ; Leinonen, Tomi ; Dumitrescu, Mihail ; Guina, Mircea. / **High-power 1550 nm tapered DBR lasers fabricated using soft UV-nanoimprint lithography**. High-Power Diode Laser Technology and Applications XIV. SPIE, 2016. (SPIE Conference Proceedings).

Penttinen, Jussi-Pekka ; Leinonen, Tomi ; Korpjärvi, Ville-Markus ; Kantola, Emmi ; Guina, Mircea. / **High power GainNAs VECSEL emitting at 1230/615 nm**. The European Conference on Lasers and Electro-Optics 2015. OSA, 2015.

Fedotov, Andrei ; Noronen, Teppo ; Rissanen, Joona ; Gumenyuk, Regina ; Petrov, Andrey ; Chamorovskii, Yuri ; Golant, Konstantin ; Odnoblyudov, Maxim ; Filippov, Valery. / **High power picosecond MOPA with anisotropic ytterbium-doped tapered double-clad fiber**. Proceedings of SPIE : Fiber Lasers and Glass Photonics: Materials through Applications. editor / S Taccheo ; JI Mackenzie ; M Ferrari. Vol. 10683 SPIE-INT SOC OPTICAL ENGINEERING, 2018. (Proceedings of SPIE).

Saad-Bin-Alam, Md ; Reshef, Orad ; Huttunen, Mikko J. ; Carlow, Graham ; Sullivan, Brian ; Menard, Jean Michel ; Dolgaleva, Ksenia ; Boyd, Robert W. / **High-Q resonance train in a plasmonic metasurface**. 2019 Conference on Lasers and Electro-Optics, CLEO 2019 - Proceedings. IEEE, 2019.

Nikkinen, Jari ; Korpijärvi, Ville-Markus ; Leino, Iiro ; Härkönen, Antti ; Guina, Mircea. / **High repetition rate 1.34  $\mu$ m Nd:YVO4 microchip laser Q-switched with GainNAs SESAM**. The European Conference on Lasers and Electro-Optics 2015. OSA, 2015.

Brobbey, Kofi J. ; Haapanen, Janne ; Gunell, Marianne ; Mäkelä, Jyrki M. ; Eerola, Erkki ; Saarinen, Jarkko J. ; Toivakka, Martti. / **High-speed manufacturing of antimicrobial paper**. Paper Conference and Trade Show, PaperCon 2018. TAPPI Press, 2018. pp. 564-566

Hokka, M. ; Östman, K. ; Rämö, J. ; Kuokkala, V. T. / **High Temperature Tension HSB Device Based on Direct Electrical Heating**. Dynamic Behavior of Materials, Volume 1: Proceedings of the 2014 Annual Conference on Experimental and Applied Mechanics. editor / Bo Song ; Daniel Casem ; Jamie Kimberley. Vol. 65 Springer, 2015. pp. 227-233 (Conference Proceedings of the Society for Experimental Mechanics Series).

Silverajan, Bilhanan ; Vajaranta, Markku ; Kolehmainen, Antti. / **Home Network Security: Modelling Power Consumption to Detect and Prevent Attacks on Homenet Routers**. Proceedings of the 11th Asia Joint Conference on Information Security (AsiaJCIS 2016), Fukuoka, Japan, August 4-5, 2016. IEEE, 2016. pp. 9-16

Sandström, N. ; Hytti, V. ; Nenonen, S. ; Lonka, K. / **How is it sustainable? Identifying key indicators for sustainable educational design**. 10th INTED 2016 Conference Proceedings: 7-9 March, 2016, Valencia, Spain. editor / L. Gómez Chova ; A. López Martínez ; I. Candel Torres. 2016. pp. 4217-4219 (INTED proceedings).

Baldauf, Carsten ; Ropo, Matti ; Blum, Volker ; Scheffler, Matthias. / **How mono-valent cations bend peptide turns and a first-principles database of amino acids and dipeptides**. International Conference of Computational Methods in Sciences and Engineering 2014 (ICCMSE 2014). editor / Theodore E. Simos ; Zacharoula Kalogiratos ; Theodore Monovasilis. Vol. 1618 American Institute of Physics Inc., 2014. pp. 119-120 (AIP Conference Proceedings).

Juuti, T. ; Kopra, M. J. ; Rättyä, Kaisu ; Lehtonen, Timo. / **How to benefit from learning logs in engineering education?**. 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, 2016.

Aarikka-Stenroos, Leena ; Boedeker, Stina ; Köppä, Leena ; Langwaldt, Jörg . / **How to develop a new innovation education tool: case of impact canvas**. In the Proceedings of ISPIM Innovation Summit. The International Society for Professional Innovation Management (ISPIM). : 4-7 December 2016, Kuala Lumpur, Malaysia.. 2016.

Tappura, Sari ; Nenonen, Noora ; Kivistö-Rahnasto, Jouni . / **How to support managers' commitment to safety management and leadership in organizations: good practices from the managers' viewpoint**. WOS 8th international conference - Book of Abstracts . 2015.

Rubel, Oleksii ; Ponomarenko, Nikolay ; Lukin, Vladimir ; Astola, Jaakko ; Egiazarian, Karen. / **HVS-based local analysis of denoising efficiency for DCT-based filters**. 2015 2nd International Scientific-Practical Conference Problems of Infocommunications Science and Technology, PIC S and T 2015 - Conference Proceedings. IEEE, 2015. pp. 189-192

Tuhtan, J.A. ; Strokina, Nataliya ; Toming, Gert ; Muhammad, N. ; Kruusmaa, Maarja ; Kämäräinen, Joni-Kristian. / **Hydrodynamic Classification of Natural Flows Using an Artificial Lateral Line and Frequency Domain Features**. 36th IAHR World Congress. 2015.

Vasell, Tytti ; Vuolle, Maiju ; Petrulaitiene, Vitalija ; Nenonen, Suvi ; Jylhä, Tuuli. / **Identifying and measuring customer value - case multi-locational worker**. Research papers for EuroFM's 15th research symposium at EFMC2016: 8-9 June 2016 in Milan, Italy. editor / Susanne Nielsen ; Per Anker Jensen. EuroFM, 2016. pp. 143-151