

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

Aapro, A, Messo, T & Suntio, T 2015, An accurate small-signal model of a three-phase VSI-based photovoltaic inverter with LCL-filter. in *9th International Conference on Power Electronics and ECCE Asia (ICPE-ECCE Asia)*. pp. 2267-2274, IEEE International Conference on Power Electronics - ECCE Asia, 1/01/00. <https://doi.org/10.1109/ICPE.2015.7168092>

Aapro, A, Messo, T & Suntio, T 2015, Effect of active damping on the output impedance of PV inverter. in *IEEE 16th Workshop on Control and Modeling for Power Electronics (COMPEL)*. IEEE Workshop on Control and Modeling for Power Electronics, 1/01/00. <https://doi.org/10.1109/COMPEL.2015.7236463>

Aarikka-Stenroos, L, Aaboen, L & Rolfsen, A 2015, Initiation processes and initiation contributors illustrated by Norwegian-South Korean business relationships. in P Vagn Freytag & A Højbjerg Clarke (eds), *The 31st IMP Conference 2015, Kolding, Denmark.* Kolding, Denmark, Industrial Marketing and Purchasing Conference, 1/01/14.

Aarikka-Stenroos, L & Talvitie, M 2015, Distributors As Market Orientation Agents in Innovation Development and Commercialization. in *The Proceedings of the XXVI ISPIM Conference 2015 Budapest, Hungary*. International Society for Professional Innovation Management ISPIM, Denmark, International Society for Professional Innovation Management's Innovation Conference, 1/01/00.

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

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

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

Abe, S, Ylinen, A, Narra Girish, N, Nikander, R, Hyttinen, J, Kouhia, R & Sievänen, H 2015, Exploration of different boundary conditions in the sideways falling situation in hip fracture finite element modelling. in *Proceeding of the XII Finnish Mechanics Days*. Rakenteiden Mekaniikan Seura ry, pp. 130-135, Finnish Mechanics Days, 1/01/00.

Abramova, VV, Kozhemiakin, R, Abramov, SK, Lukin, VV, Zelensky, AA & Egiazarian, K 2015, Blind estimation of speckle variance in synthetic aperture radar images. in *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., International Conference on Antenna Theory and Techniques, 1/01/00. <https://doi.org/10.1109/ICATT.2015.7136846>

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

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

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

Ahmed, S, Musfequr Rehman, SM, Ukkonen, L & Björninen, T 2018, Glove-integrated slotted patch antenna for wearable UHF RFID reader. in *2018 IEEE International Conference on RFID Technology & Application (RFID-TA)*. IEEE, IEEE International Conference on RFID-Technologies and Applications, 1/01/00. <https://doi.org/10.1109/RFID-TA.2018.8552817>

Ahmed, S, Mehmood, A, Sydänheimo, L, Ukkonen, L & Björninen, T 2019, Glove-Integrated Textile Antenna with Reduced SAR for Wearable UHF RFID Reader. in *2019 IEEE International Conference on RFID Technology and Applications (RFID-TA)*. IEEE, pp. 231-235, IEEE International Conference on RFID Technology and Applications, 1/01/00. <https://doi.org/10.1109/RFID-TA.2019.8892251>

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

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

Ahopelto, M, Krogerus, T & Huhtala, K 2015, Vehicle Mass Estimation for Hydraulic Drive System using Longitudinal Motion Model. in *The Fourteenth Scandinavian International Conference on Fluid Power, SICFP15*. The Fourteenth Scandinavian International Conference on Fluid Power, SICFP15, Tampere University of Technology. Department of Intelligent Hydraulics and Automation, pp. 433-442, Scandinavian International Conference on Fluid Power, 1/01/00.

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

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

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

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

Alanne, A & Pekkola, S 2015, Riding for a fall in outsourced ISD: Knowledge transfer challenges between the onshore vendor and the offshored unit. in I Oshri, J Kotlarsky & L Willcocks (eds), *Achieving Success and Innovation in Global Sourcing: Perspectives and Practices: 9th Global Sourcing Workshop 2015, La Thuile, Italy, February 18-21, 2015, Revised Selected Papers*. Lectures Notes in Business Information Processing, vol. 236, Springer Verlag, Germany, pp. 124-140, Global Sourcing Workshop, United Kingdom, 3/12/12. https://doi.org/10.1007/978-3-319-26739-5_7

- Alanne, A & Pekkola, S 2015, Riding for a fall in outsourced ISD: Transferring knowledge between onshore vendor and offshored unit. in *9th Global Sourcing Workshop 2015: La Thuile, Italy, February 18-21, 2015*. Global Sourcing Workshop, United Kingdom, 3/12/12.
- Alberucci, A, Pannian, JC, Slussarenko, S, Piccirillo, B, Santamato, E, Marrucci, L & Assanto, G 2016, A new waveguiding mechanism based upon geometric phase. in *Frontiers in Optics 2016.*, FF3H.3, Optical Society of America (OSA), *Frontiers in Optics / Laser Science*, 1/01/00.
- Alberucci, A, Piccardi, A, Kravets, N, Buchnev, O, Pannian, JC & Assanto, G 2016, Nonperturbative nonlinear optics in liquid crystals. in *Laser science 2016.*, JW4A.12, Optical Society of America (OSA), *Frontiers in Optics / Laser Science*, 1/01/00.
- Aldawood, S, Fowley, F, Pahl, C, Taibi, D & Liu, X 2016, A coordination-based brokerage architecture for multi-cloud resource markets. in *Proceedings - 2016 4th International Conference on Future Internet of Things and Cloud Workshops, W-FiCloud 2016*. Institute of Electrical and Electronics Engineers Inc., pp. 7-14, 4th International Conference on Future Internet of Things and Cloud Workshops, W-FiCloud 2016, Vienna, Austria, 22/08/16. <https://doi.org/10.1109/W-FiCloud.2016.19>
- Alexandru, R-C & Lohan, E-S 2015, 'Comparison of Detection Techniques for Multipath Propagation of Pseudolite Signals Used in Dense Industrial Environments', *Procedia Engineering*, vol. 100, no. C, pp. 1294-1300. <https://doi.org/10.1016/j.proeng.2015.01.496>
- Alexandru, RC & Lohan, E-S 2016, Analysis of Real Mobility Records in Urban and Suburban Environments. in *26TH DAAAM International Symposium on Intelligent Manufacturing and Automation*. DAAAM International, pp. 0688-0692, DANUBE ADRIA ASSOCIATION FOR AUTOMATION & MANUFACTURING INTERNATIONAL SYMPOSIUM, 1/01/00. <https://doi.org/10.2507/26th.daaam.proceedings.094>
- Allahham, MHDS, Al-Sa'd, MF, Al-Ali, A, Mohamed, A, Khattab, T & Erbad, A 2019, 'DroneRF dataset: A dataset of drones for RF-based detection, classification and identification', *Data in Brief*, vol. 26, 104313. <https://doi.org/10.1016/j.dib.2019.104313>
- Almeida, B, Chauhan, V, Kandavalli, V & Ribeiro, A 2019, Mean and variability in RNA polymerase numbers are correlated to the mean but not the variability in size and composition of Escherichia coli cells. in E De Maria, H Gamboa & A Fred (eds), *BIOINFORMATICS 2019 - 10th International Conference on Bioinformatics Models, Methods and Algorithms, Proceedings; Part of 12th International Joint Conference on Biomedical Engineering Systems and Technologies, BIOSTEC 2019*. SCITEPRESS, pp. 226-233, 10th International Conference on Bioinformatics Models, Methods and Algorithms, BIOINFORMATICS 2019 - Part of 12th International Joint Conference on Biomedical Engineering Systems and Technologies, BIOSTEC 2019, Prague, Czech Republic, 22/02/19. <https://doi.org/10.5220/0007456102260233>
- Amiot, CG, Aalto, A, Toivonen, J & Genty, G 2015, Incoherent Broadband Cavity Enhanced Absorption Spectroscopy Using a Supercontinuum Source in the Mid-IR. in *Laser Science 2015: Proceedings Frontiers in Optics 2015.*, JTU4A-80, *Frontiers in Optics / Laser Science*, 1/01/00. <https://doi.org/10.1364/FIO.2015.JTU4A.80>
- Amiot, C, Aalto, A, Genty, G & Toivonen, J 2015, Incoherent Broadband Cavity Enhanced Absorption Spectroscopy with a Supercontinuum Source. in *2015 European Conference on Lasers and Electro-Optics - European Quantum Electronics Conference: Proceedings*. Optical Society of America, pp. CH_P_16, European Conference on Lasers and Electro-Optics and the European Quantum Electronics Conference, 1/01/00.
- Amiot, CG, Ryczkowski, P, Aalto, A, Toivonen, J & Genty, G 2016, Mid-Infrared Sources for Ultra-Broadband Cavity Enhanced Spectroscopy. in *Frontiers in Optics 2016.*, FTH5A.3, OSA, *Frontiers in Optics / Laser Science*, 1/01/00.
- Amjad, F, Weick, H, Mattila, J, Kozlova, E & Schloer, C 2014, On Design and Development of Super-FRS main tunnel Remote Handling System Concept. in *2014 IEEE 17th International Conference on Intelligent Transportation Systems (ITSC), 8-11 Oct. 2014, Qingdao*. IEEE, pp. 188-194, IEEE International Conference on Intelligent Transportation Systems, 1/01/00. <https://doi.org/10.1109/ITSC.2014.6957689>

Ammirato, S, Michele Felicetti, A, Della Gala, M, Aramo-Immonen, H & Jussila, J 2015, Knowledge Management and Emerging Collaborative Networks in Tourism Business Ecosystems. in M Massaro & A Garlatti (eds), *Proceedings of the 16th European Conference on Knowledge Management (ECKM 2015), University of Udine, Italy, 3-4 September 2015*. Academic Conferences and Publishing International Limited, Reading, UK, pp. 19-26, European conference on knowledge management, 1/01/00.

Amr, A & Saad, M 2015, 'Growth of Urban Peripheries with Reference to Inconsistent Spatial Planning Policies: South-east Amman as case study', *European International Journal of Science and Technology*, vol. 4, no. 3, 3, pp. 54-68.

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

Annala, P, Hellemaa, M, Suonketo, J & Pentti, M 2015, Kosteus- ja mikrobivaurioiden laajuus kuntien rakennuksissa. in J Säteri & M Ahola (eds), *Sisäilmastoseminaari 2015 SIY Raportti 33, Messukeskus, Helsinki 11.3.2015*. SIY Raportti, vol. 33, Juva, pp. 95-100, Sisäilmastoseminaari, 1/01/00.

Annala, P, Marttila, T, Kero, P, Suonketo, J & Pentti, M 2015, Valtion tukemien homekorjaushankkeiden arviointi - jatkotutkimus (HKPro 3). in J Säteri & M Ahola (eds), *Sisäilmastoseminaari 2015 SIY Raportti 33, Messukeskus, Helsinki 11.3.2015*. vol. Sisäilmayhdistys raportti 33, Sisäilmayhdistys, Juva, pp. 107-112, Sisäilmastoseminaari, 1/01/00.

Annala, P, Lahdensivu, J, Pikkuvirta, J & Pakkala, T 2015, By64 Tuulettuvat julkisivut 2016 -suunnittelu- ja toteusohjeen laadinta. in J Vinha & T Ruuska (eds), *Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere*. Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, Tampere, pp. 109-114, Rakennusfysiikka, 1/01/00.

Annala, P, Lahdensivu, J, Suonketo, J, Pentti, M, Laukkarinen, A & Vinha, J 2017, Kosteusvaurioiden vakavuus kuntien rakennuksissa. in J Vinha & H Kivioja (eds), *Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere*. vol. 1, Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka., Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, Tampere, pp. 135-140, Rakennusfysiikka, 1/01/09.

Aramo-Immonen, H, Hietaoja, H, Jussila, JJ & Ammirato, S 2015, Managing Cultural Knowledge in Project Execution. in *10th International Forum on Knowledge Asset Dynamics, IFKAD 2015, Bari, Italy: Culture, Innovation and Entrepreneurship: connecting the knowledge dots*. vol. 10, IKAM Centro Studi & Ricerche, Bary, pp. 1085-1096, International Forum on Knowledge Asset Dynamics, 1/01/00.

Aramo-Immonen, H, Bessant, J, Heinonen, T, Öberg, C & Trifilova, A 2015, Meeting radical change: SMEs and innovation capabilities and strategic foresight. in *The Proceedings of the XXVI ISPIM Conference – Shaping the Frontiers of Innovation Management, Budapest, Hungary on 14-17 June 2015*. International Society for Professional Innovation Management ISPIM, International Society for Professional Innovation Management's Innovation Conference, 1/01/00.

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

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

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

Backas, J, Ghabcheloo, R & Huhtala, K 2015, Gain Scheduling Full State Feedback with D-Implementation for Velocity Tracking of Hydrostatic Drive Transmission. in *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, pp. 64-75, Scandinavian International Conference on Fluid Power, 1/01/00.

Baczekiewicz, J, Pajunen, S & Heinisuo, M 2018, 'Effect of radiation inside square hollow section under moderate non-symmetric fire', *Fire Research*, vol. 2, no. 1, 2:42, pp. 25-30. <https://doi.org/10.4081/fire.2018.42>

Balandin, S, Andreev, S & Koucheryavy, Y (eds) 2015, *Internet of Things, Smart Spaces, and Next Generation Networks and Systems: 15th International Conference, NEW2AN 2015, and 8th Conference, ruSMART 2015, St. Petersburg, Russia, August 26-28, 2015, Proceedings*. Lecture Notes in Computer Science, vol. 9247, Springer International Publishing. <https://doi.org/10.1007/978-3-319-23126-6>

Baldauf, C, Ropo, M, Blum, V & Scheffler, M 2014, How mono-valent cations bend peptide turns and a first-principles database of amino acids and dipeptides. in TE Simos, Z Kalogiratos & T Monovasilis (eds), *International Conference of Computational Methods in Sciences and Engineering 2014 (ICCMSE 2014)*. vol. 1618, AIP Conference Proceedings, vol. 1618, American Institute of Physics Inc., pp. 119-120, International Conference of Computational Methods in Sciences and Engineering, United Kingdom, 1/01/03. <https://doi.org/10.1063/1.4897692>

Bambach, P, Deller, J, Martel, J, Vilenius, E, Goldberg, H, Sorsa, L-I, Pursiainen, S, Takala, M, Wurster, A, Braun, HM, Lentz, H, Jutzi, M, Wittig, M, Chitu, CC, Ritter, B & Karatekin, O 2018, What's inside a rubble pile asteroid? DiSCUS - A tomographic twin radar Cubesat to find out. in *69th International Astronautical Congress, IAC 2018*. Proceedings of the International Astronautical Congress, IAC, International Astronautical Congress, Bremen, Germany, 1/10/18.

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

Bautista, GS, Johansson, A, Parappurath, N, Herranen, O, Myllyperkiö, P, Jiang, H, Kauppinen, E, Pettersson, M & Kauranen, M 2015, Background-Free Second-Harmonic Generation Microscopy of Individual Carbon Nanotubes. in *Nonlinear Optics 2015: Kauai, Hawaii United States 26-31 July 2015.*, NW1A.5, Nonlinear Optics Conference Series, OSA, Nonlinear Optics Meeting, 1/01/00. <https://doi.org/10.1364/NLO.2015.NW1A.5>

Bautista, G, Dreser, C, Zang, X, Kern, D, Kauranen, M & Fleischer, M 2018, Collective nonlinear optical effects in plasmonic nanohole ensembles of different rotational symmetries. in *CLEO: QELS_Fundamental Science 2018.*, FW3G.3, The Optical Society; OSA, CONFERENCE ON LASERS AND ELECTRO-OPTICS, 1/01/00. https://doi.org/10.1364/CLEO_QELS.2018.FW3G.3

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

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

Belahcen, A, Kouhia, R, Rasilo, P & Ristinmaa, M 2015, A model for anisotropic magnetostriction. in *Proceedings of the XII Finnish Mechanics Days*. Rakenteiden Mekaniikan Seura ry, pp. 201-203, Finnish Mechanics Days, 1/01/00.

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

- Bernhardt, J, Helander, N, Jussila, J & Kärkkäinen, H 2016, Crowdsourcing in Business-to-Business Markets: A Value Creation and Business Model Perspective. in *Encyclopedia of E-Commerce Development, Implementation, and Management.*, 66, IGI Global, United States, pp. 933-943. <https://doi.org/10.4018/978-1-4666-9787-4.ch066>
- Bolla, P & Lohan, E-S 2018, Dual-frequency signal processing architecture for robust and precise positioning applications. in *2018 IEEE/ION Position, Location and Navigation Symposium, PLANS 2018*. IEEE, pp. 72-80, IEEE/ION POSITION LOCATION AND NAVIGATION SYMPOSIUM, 1/01/00. <https://doi.org/10.1109/PLANS.2018.8373367>
- Borja Ramis, F, Iarovyi, S, Lobov, A & Martinez Lastra, JL 2015, Potentials of web standards for automation control in manufacturing systems. in *2015 IEEE European Modelling Symposium*. pp. 359-366, European Modelling Symposium, 1/01/00. <https://doi.org/10.1109/EMS.2015.59>
- Bragadin, MA & Kähkönen, K 2015, 'Safety, Space and Structure Quality Requirements in Construction Scheduling', *Procedia Economics and Finance*, vol. 21, pp. 407-414. [https://doi.org/10.1016/S2212-5671\(15\)00193-8](https://doi.org/10.1016/S2212-5671(15)00193-8)
- Bragadin, MA & Kähkönen, K 2016, Resource – Space Charts for Construction Workspace Scheduling. in *Proceedings of the CIB World Building Congress 2016: Volume III - Building Up Business Operations and Their Logic. Shaping Materials and Technologies*. Tampere University of Technology. Department of Civil Engineering, pp. 677-688, CIB WORLD BUILDING CONGRESS, 1/01/00.
- Brechet, N, Ginestet, G, Moradi, E, Ukkonen, L, Torres, J, Björninen, T & Virkki, J 2017, Cost- and time-effective sewing patterns for embroidered passive UHF RFID tags. in *Proceedings of IEEE 2017 International Workshop on Antenna Technology*. IEEE, pp. 30-33, INTERNATIONAL WORKSHOP ON ANTENNA TECHNOLOGY, 1/01/00. <https://doi.org/10.1109/IWAT.2017.7915289>
- Brobbe, KJ, Haapanen, J, Gunell, M, Mäkelä, JM, Eerola, E, Saarinen, JJ & Toivakka, M 2018, High-speed manufacturing of antimicrobial paper. in *Paper Conference and Trade Show, PaperCon 2018*. TAPPI Press, pp. 564-566, TAPPI Paper Conference and Trade Show, Charlotte, United States, 15/04/18.
- Burd, SC, Leinonen, T, Penttinen, JP, Allcock, DTC, Slichter, DH, Srinivas, R, Wilson, AC, Guina, M, Leibfried, D & Wineland, DJ 2016, Single-frequency 571nm VECSEL for photo-ionization of magnesium. in *Proceedings of SPIE: Vertical External Cavity Surface Emitting Lasers (VECSELs) VI*. vol. 9734, 973411, SPIE Conference Proceedings, SPIE, San Francisco, SPIE Photonics West, 1/01/00. <https://doi.org/10.1117/12.2213398>
- Burkov, A, Matveev, N, Turlikov, A, Bulanov, A, Gahnina, O & Andreev, S 2017, Upper bound and approximation of random access throughput over chase combining HARQ. in *2017 9th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT)*. IEEE, pp. 143-147, International Conference on Ultra Modern Telecommunications and Control Systems and Workshops, 1/01/00. <https://doi.org/10.1109/ICUMT.2017.8255206>
- Cakir, E & Virtanen, T 2017, Convolutional Recurrent Neural Networks for Rare Sound Event Detection. in *Proceedings of the Detection and Classification of Acoustic Scenes and Events 2017 Workshop (DCASE2017)*. Tampere University of Technology. Laboratory of Signal Processing, pp. 27-31, Detection and Classification of Acoustic Scenes and Events Workshop, 1/01/00.
- Calders, K, Disney, M, Nightingale, J, Origo, N, Barker, A, Raunonen, PA, Lewis, P, Burt, A, Brennan, J & Fox, N 2015, Traceability of essential climate variables through forest stand reconstruction with terrestrial laser scanning. in *Proceedings of SilviLaser 2015: 14th conference on Lidar Applications for Assessing and Managing Forest Ecosystems*. pp. 122-124, SilviLaser 2015: 14th conference on Lidar Applications for Assessing and Managing Forest Ecosystems, La Grande Motte, France, 28/09/15.
- Calders, K, Burt, A, Newnham, G, Disney, M, Murphy, S, Raunonen, P, Herold, M, Culvenor, D, Armston, J, Avitabile, V & Kaasalainen, M 2015, Reducing uncertainties in above-ground biomass estimates using terrestrial laser scanning. in *Proceedings of SilviLaser 2015: 14th conference on Lidar Applications for Assessing and Managing Forest Ecosystems*. pp. 197-199, International Conference on LiDAR Applications for Assessing Forest Ecosystem, 1/01/00.

Camacho-Morales, R, Bautista, G, Zang, X, Xu, L, Turquet, L, Miroshnichenko, A, Lamprianidis, A, Rahmani, M, Neshev, DN & Kauranen, M 2018, Resonant harmonic generation in AlGaAs nanoantennas using cylindrical vector beams. in *CLEO: QELS Fundamental Science 2018.*, FF1E.6, The Optical Society; OSA, CONFERENCE ON LASERS AND ELECTRO-OPTICS, 1/01/00. https://doi.org/10.1364/CLEO_QELS.2018.FF1E.6

Cardin, J, Dufour, C, KHOMENKOV, V, Fafin, A, Monnet, I, Rizza, G, COULON, P-E, Slablab, A, Mailly, D, Ulysse, C, Lafosse, X, Perruchas, S & Gacoin, T 2013, Development of New Kinds of Plasmonics Materials Through Swift Heavy Ion Shaping Technique. in *7th International Conference on Materials for Advanced Technologies (ICMAT 2013), Jun 2013, Suntec, Singapore*. Singapore, INTERNATIONAL CONFERENCE ON MATERIALS FOR ADVANCED TECHNOLOGIES, 1/01/00.

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

Chapuis, Y, Demoly, F, Coatanéa, E & Gomes, S 2014, Product Upgradability: Towards a Medical Analogy. in B Grabot, B Vallespir, S Gomes, A Bouras & D Kiritsis (eds), *ADVANCES IN PRODUCTION MANAGEMENT SYSTEMS: INNOVATIVE AND KNOWLEDGE-BASED PRODUCTION MANAGEMENT IN A GLOBAL-LOCAL WORLD, APMS 2014, PT III*. PART 3 edn, vol. 440, IFIP Advances in Information and Communication Technology, vol. 440, Springer-Verlag, Berlin, pp. 148-155, IFIP WG 5.7 International Conference on Advances in Production Management Systems (APSM), France, 20/09/14. https://doi.org/10.1007/978-3-662-44733-8_19

Chaudhary, S, Zhao, Y, Berki, E, Valtanen, J, Li, L, Helenius, M, Mystakidis, S, Nalam, T & Thapa, RB 2015, Exploring Attitudes, Knowledge and Competencies for Security Technology: A Cross-Cultural Survey in Higher Education. in *8th International Conference on ICT, Society and Human Beings 2015*. pp. 11-18, Iadis International Conference on ICT, Society and Human Beings, 1/01/00.

Chaudhary, S, Zhao, Y, Berki, E, Valtanen, J, Li, L, Helenius, M & Mystakidis, S 2015, 'A Cross-Cultural and Gender-Based Perspective for Online Security: Exploring Knowledge, Skills and Attitudes of Higher Education Students.', *IADIS International Journal on WWW/Internet*, vol. 13, no. 1, pp. 57-71.

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

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

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

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

Christiansen, J, Birkinshaw, J, Le Masson, P & Mäkinen, S 2017, 'Editorial: Experiments in an Organisational Context', *CERN IdeaSquare Journal of Experimental Innovation*, vol. 1, no. 2. <https://doi.org/10.23726/cij.2017.684>

Christophe, F, Wang, M, Coatanéa, E, Zeng, Y & Bernard, A 2012, Grammatical and Semantic Disambiguation of Requirements at Elicitation and Representation Stages. in *Proceedings of the ASME International Design Engineering Technical Conferences and Computers and Information in Engineering, 2011, vol 9*. AMER SOC MECHANICAL ENGINEERS, pp. 17-31, ASME International Design Engineering Technical Conferences/Computers and Information in Engineering Conference, Finland, 4/09/07.

Christophe, F, Mokammel, F, Coatanea, E & Bakhouya, M 2013, Integration of evaluation and simulation methods for virtual prototypes. in *Proceedings of the 15th International Conference on Engineering and Product Design Education: Design Education - Growing Our Future, EPDE 2013*. pp. 623-628, 15th International Conference on Engineering and Product Design Education: Design Education - Growing Our Future, EPDE 2013, Dublin, Ireland, 5/09/13.

Chudoba, M, Rajaniemi, J & Virkkala, J (eds) 2015, *Raitiotien seisakkeet: Yhdyskuntasuunnittelun jatkokurssi A ja B*. Tampere University of Technology, School of Architecture.

Chudoba, M 2015, 'Koteja ja kokonaistaideteoksia', *Arkkitehti*, no. 3, pp. 76-78.

Coatanea, E, Ryyänen, L, Calonius, O, Mokammel, F & Riitahuhta, A 2015, 'Systematic Search and Ranking of Physical Contradictions Using Graph Theory Principles: Toward a Systematic Analysis of Design Strategies and their Impacts: TRIZ and Knowledge-Based Innovation in Science and Industry', *Procedia Engineering*, vol. 131, pp. 1165-1182. <https://doi.org/10.1016/j.proeng.2015.12.441>

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

Contreras, V, Lonnqvist, J & Toivonen, J 2015, Single micro-particle scattering detection based on Edge Filter Enhanced Self-Mixing Interferometry. in *2015 European Conference on Lasers and Electro-Optics - European Quantum Electronics Conference*. Optical Society of America, pp. CH_P_11, European Conference on Lasers and Electro-Optics and the European Quantum Electronics Conference, 1/01/00.

Dang, D & Pekkola, S 2015, Systematic Literature Review on Enterprise Architecture in the Public Sector. in A Öörni, N Iivari, K Kuutti, H Oinas-Kukkonen & M Rajanen (eds), *The 38th Information Systems Research Conference in Scandinavia (IRIS38)*. Information Systems Research Seminar in Scandinavia, 1/01/00.

Dang, D & Pekkola, S 2017, Enterprise architecture and organizational reform: a project debrief. in *Proceedings the 21st Pacific Asian Conference on Information Systems 2017 (PACIS'2017): Langkawi, Malay, 16-20 July, 2017*. Association for Information Systems AIS, Pacific Asia Conference on Information Systems, 1/01/14.

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

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

Dehghani, N, Supponen, A & Repo, S 2015, Risk Assessment of Major Storm Situation in Distribution System. in *2015 50th International Universities Power Engineering Conference (UPEC)*. IEEE, International Universities Power Engineering Conference, 1/01/00. <https://doi.org/10.1109/UPEC.2015.7339808>

Devillers, R & Valmari, A (eds) 2015, *Application and Theory of Petri Nets and Concurrency: 36th International Conference, PETRI NETS 2015 Brussels, Belgium, June 21-26, 2015 Proceedings*. Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), vol. 9115, vol. 9115, Springer Verlag. <https://doi.org/10.1007/978-3-319-19488-2>

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

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

D'Ignazio, M, Di Buo, B & Länsivaara, T 2015, A study on the behaviour of the weathered crust in the Perniö failure test. in *Proceedings of the XVI ECSMGE 2015: 13-17 September 2015 - Edinburgh, Geotechnical Engineering for Infrastructure and Development*. ICE Publishing, pp. 3639-3644, European conference on soil mechanics and geotechnical engineering, 1/01/00.

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

Dongho-Nguimdo, GM, Igumbor, E, Zambou, S & Joubert, DP 2019, 'First principles prediction of the solar cell efficiency of chalcopyrite materials AgMX_2 (M=In, Al; X=S, Se, Te)', *Computational Condensed Matter*, vol. 21, e00391. <https://doi.org/10.1016/j.cocom.2019.e00391>

Drossos, K, Kotsakis, R, Pappas, P, Kalliris, G & Floros, A 2013, Investigating Auditory Human-Machine Interaction: Analysis and Classification of Sounds Commonly Used by Consumer Devices. in *Audio Engineering Society Convention 134.*, 8812, AES Audio Engineering Society.

Drossos, K, Floros, A, Potirakis, S, Tatlas, N-A & Tuna, G 2014, A Socially-Intelligent Multi-Robot Service Team for In-Home Monitoring. in *Information, Intelligence, Systems and Applications, IISA 2014, The 5th International Conference on*. IEEE, pp. 159-164. <https://doi.org/10.1109/IISA.2014.6878763>

Drossos, K, Floros, A, Agavanakis, K, Tatlas, N-A & Kanellopoulos, N 2012, Emergency Voice/Stress - level Combined Recognition for Intelligent House Applications. in *Audio Engineering Society Convention 132*. AES Audio Engineering Society.

Drossos, K, Kotsakis, R, Kalliris, G & Floros, A 2013, Sound Events and Emotions: Investigating the Relation of Rhythmic Characteristics and Arousal. in *Information, Intelligence, Systems and Applications (IISA), 2013 Fourth International Conference on*. IEEE, pp. 1-6. <https://doi.org/10.1109/IISA.2013.6623709>

Drossos, K, Floros, A & Giannakoulopoulos, A 2014, BEADS: A dataset of Binaural Emotionally Annotated Digital Sounds. in *Information, Intelligence, Systems and Applications, IISA 2014, The 5th International Conference on*. IEEE, pp. 158-163. <https://doi.org/10.1109/IISA.2014.6878749>

Drossos, K, Zormpas, N, Giannakopoulos, G & Floros, A 2015, Accessible Games for Blind Children, Empowered by Binaural Sound. in *Proceedings of the 8th ACM International Conference on PErvasive Technologies Related to Assistive Environments*. PETRA '15, Association for Computing Machinery (ACM), New York, NY, USA, pp. 5:1-5:8. <https://doi.org/10.1145/2769493.2769546>

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

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

Edelman, H & Härkönen, K (eds) 2015, *Sustainable Design Studio 2014*. Tampere University of Technology. School of Architecture.

Einolander, J 2015, Evaluating organizational commitment in support of organizational leadership. in *6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015) and the Affiliated Conferences, AHFE 2015*. Procedia Manufacturing, vol. 3, Elsevier, pp. 668–673, International Conference on Applied Human Factors and Ergonomics, 1/01/00. <https://doi.org/10.1016/j.promfg.2015.07.300>

Einolander, J & Vanharanta, H 2015, Assessment of student retention using the Evolute approach, an overview. in *6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015) and the Affiliated Conferences, AHFE 2015*. Procedia Manufacturing, vol. 3, Elsevier, pp. 581–586, International Conference on Applied Human Factors and Ergonomics, 1/01/00. <https://doi.org/10.1016/j.promfg.2015.07.269>

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

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

Ellman, A & Tiainen, T 2019, 'Diffusion of innovation: Case of co-design of cabins in mobile work machine industry', *Computers*, vol. 8, no. 2, 39. <https://doi.org/10.3390/computers8020039>

Eloranta, V-P 2014, Patterns for controlling chaos in a startup. in *VikingPLoP 2014 Proceedings of the 8th Nordic Conference on Pattern Languages of Programs*. vol. 2014-April, ACM International Conference Proceeding Series, Association for Computing Machinery, pp. 1-8, Nordic Conference on Pattern Languages of Programs, 1/01/00. <https://doi.org/10.1145/2676680.2676682>

Eloranta, V-P (ed.), Koskinen, J & Leppänen, MK 2013, *Proceedings of VikingPLoP 2013 Conference*. Tampere University of Technology. Department of Pervasive Computing. Report, vol. 2, Tampere University of Technology. Department of Pervasive Computing.

Eloranta, V-P, Koskinen, J & Leppänen, M (eds) 2012, *Proceedings of VikingPLoP 2012 Conference*. Tampere University of Technology. Department of Software Systems. Report, vol. 22, Tampere University of Technology. Department of Software Systems.

Eriksson, S-L, Orelma, H & Vuojamo, V 2015, Generalized hyperbolic harmonic functions in the plane. in *Proceedings of the International Conference on Numerical Analysis and Applied Mathematics 2014 (ICNAAM-2014)*. vol. 1648, 440007, American Institute of Physics Inc., International Conference of Numerical Analysis and Applied Mathematics, Greece, 1/01/00. <https://doi.org/10.1063/1.4912658>

Eriksson, S-L, Haukkanen, P, Hukka, TI & Lemmetyinen, H 2015, 'Tampereen matemaattisten aineiden aineenopettajakoulutus', *Lumat*, vol. 3, no. 6, pp. 800-807.

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

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

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

https://doi.org/10.1364/CLEO_SI.2018.SW4Q.4

Fard Sanei, MA, Kiilunen, J, Pippola, J, Lahokallio, S & Frisk, L 2015, Thermomechanical properties of overmold epoxies in MEMS packaging. in *Proceedings of the IMAPS Nordic Annual Conference , June 8-9, 2015, Helsingør, Denmark*. IMAPS Nordic, pp. 175-179, International Microelectronics and Packaging Society Nordic Annual Conference, 1/01/00.

Fedorik, F & Malaska, M 2015, The Effects of Initial Moisture on Damp Problems of a Timber Framed Wall Construction - a Numerical Approach. in R Kouhia, J Mäkinen, S Pajunen & T Saksala (eds), *Proceedings of the XII Finnish Mechanics Days : Finnish mechanics days* . Finnish Association for Structural Mechanics, Espoo, Finland, pp. 18-23.

Fedotov, A, Noronen, T, Rissanen, J, Gumenyuk, R, Petrov, A, Chamorovskii, Y, Golant, K, Odnoblyudov, M & Filippov, V 2018, High power picosecond MOPA with anisotropic ytterbium-doped tapered double-clad fiber. in S Taccheo, JI Mackenzie & M Ferrari (eds), *Proceedings of SPIE : Fiber Lasers and Glass Photonics: Materials through Applications*. vol. 10683, Proceedings of SPIE, vol. 10683, SPIE-INT SOC OPTICAL ENGINEERING, Conference on Fiber Lasers and Glass Photonics - Materials through Applications, Strasbourg, France, 22/04/18. <https://doi.org/10.1117/12.2307693>

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

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

Ferrer, BR 2015, A Proposal of Decentralized Architecture for OKD-MES. in S Strzelczak, P Balda, M Garetti & A Lobov (eds), *Open Knowledge-Driven Manufacturing & Logistics: The eScop Approach*. Warsaw University of Technology Publishing House, Warsaw, pp. 331-340.

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

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

Filippov, V, Ustimchik, VE, Chamorovskiy, Y, Golant, K, Vorotynskii, A & Okhotnikov, O 2015, Impact of Axial Profile of the Gain Medium on the Mode Instability in Lasers: Regular Versus Tapered Fibers. in *The European Conference on Lasers and Electro-Optics 2015.*, CJ-10.5, OSA, European Conference on Lasers and Electro-Optics and the European Quantum Electronics Conference, 1/01/00.

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

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

Fischer, H, Laamanen, A, Iso-Heiko, A, Schäfer, O, Karvonen, M, Karhu, O, Huhtala, K, Pulkkinen, V-P & Huttunen, A 2015, Digital Hydraulics on Rails – Pilot Project of Improving Reliability on Railway Rolling Stock by Utilizing Digital Valve System. in A Laamanen & K Huhtala (eds), *Proceedings of The Fourteenth Scandinavian International Conference on Fluid Power, SICFP15*. pp. 644-654, Scandinavian International Conference on Fluid Power, 1/01/00.

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

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

Frankberg, EJ 2015, 'Suomen keraaminen seura - Keramiska sällskapet i Finland', *Materia*, vol. 5, pp. 58-58.

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

Galinina, O, Turlikov, A, Pyattaev, A, Johnsson, K, Andreev, S & Koucheryavy, Y 2015, A Capacity Bound for mmWave-based Channel Access in Ultra-Dense Wearable Deployments. in *2015 7th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT)*. IEEE, pp. 298-304, International Congress on Ultra Modern Telecommunications and Control Systems, 1/01/00. <https://doi.org/10.1109/ICUMT.2015.7382446>

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

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

Garifullin, M, Bronzova, MK, Heinisuo, M, Mela, K & Pajunen, S 2018, 'Cold-formed RHS T joints with initial geometrical imperfections', *Magazine of Civil Engineering*, vol. 80, no. 4, pp. 81-94. <https://doi.org/10.18720/MCE.80.8>

Garifullin, M 2018, 'Experimental moment resistance of rectangular hollow section T joints', *MATEC Web of Conferences*, vol. 245, 08003. <https://doi.org/10.1051/mateconf/201824508003>

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

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

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

- Gómez-Herrero, G, Wu, W, Rutanen, K, Soriano, MC, Pipa, G & Vicente, R 2015, 'Assessing coupling dynamics from an ensemble of time series', *Entropy*, vol. 17, no. 4, pp. 1958-1970. <https://doi.org/10.3390/e17041958>
- Goncalves, NSM, Martins, L, Tran, H, Oliveira, SMD, Neeli-Venkata, R, Fonseca, J & Ribeiro, AS 2016, In vivo single-molecule dynamics of transcription of the viral T7 Phi 10 promoter in *Escherichia coli*. in *The 8th International Conference on Bioinformatics, Biocomputational Systems and Biotechnologies (BIOTECHNO2016)*. IARIA, pp. 9-15, International Conference on Bioinformatics, Biocomputational Systems and Biotechnologies, 1/01/00.
- Gonzalez de Tanago, J, Bartholomeus, H, Joseph, S, Herold, M, Avitabile, V, Goodman, R, Raunonen, P & Burt, A 2015, Terrestrial LiDAR and 3D tree Quantitative Structure Model for quantification of aboveground biomass loss from selective logging in a tropical rainforest of Peru. in *Proceedings of SilviLaser 2015: 14th conference on Lidar Applications for Assessing and Managing Forest Ecosystems*. pp. 119-121, International Conference on LiDAR Applications for Assessing Forest Ecosystem, 1/01/00.
- Grigonyte, J, Sippula, O, Tissari, J, Laitinen, A, Keskinen, J, Kortelainen, M, Lamberg, H & Jokiniemi, J 2015, A study of a condensing heat exchanger and electrostatic precipitator combination for small-scale wood combustion. in *European Aerosol Conference 2015: EAC 2015, Milan, Italy., 2COA_P021*, European Aerosol Conference, 1/01/00.
- Gudkova, I, Samouylov, K, Ostrikova, D, Mokrov, E, Ponomarenko-Timofeev, A, Andreev, S & Koucheryavy, Y 2015, Service Failure and Interruption Probability Analysis for Licensed Shared Access Regulatory Framework. in *2015 7th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT)*. IEEE, pp. 123-131, International Congress on Ultra Modern Telecommunications and Control Systems, 1/01/00. <https://doi.org/10.1109/ICUMT.2015.7382416>
- Gudkova, I, Markova, E, Masek, P, Andreev, S, Hosek, J, Yarkina, N, Samouylov, K & Koucheryavy, Y 2016, Modeling the utilization of a multi-tenant band in 3GPP LTE system with Licensed Shared Access. in *2016 8th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT)*. IEEE, pp. 119-123, International Conference on Ultra Modern Telecommunications and Control Systems and Workshops, 1/01/00. <https://doi.org/10.1109/ICUMT.2016.7765343>
- Gupta, J, Kärkkäinen, H, Torro, O & Mukkamala, RR 2019, Revisiting Social Media Tie Strength in the Era of Data Access Restrictions. in *Proceedings of the 11th International Conference on Knowledge Management and Information Systems (KMIS 2019)*. SCITEPRESS, pp. 187-194, International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management, Vienna, Austria, 17/09/19. <https://doi.org/10.5220/0008067501870194>
- Haapanen, J 2015 'Principles of designing for situation awareness' Situational awareness for critical infrastructure protection, no. 1, vol. 3, *Maanpuolustuskorkeakoulu Sotatekniikan laitos*, Tampere, pp. 29-46.
- Haapanen, J, Krohns-Välimäki, H & Verho, P 2016, Improving the Situation Awareness of DSOs in Major Disturbances by Visualizing the State of Mobile Networks. in *CIREN Workshop 2016*. International conference on electricity distribution workshop, 1/01/00.
- Habib, M, Hussain, A, Rasheed, S & Ali, M 2016, 'Adaptive fuzzy inference system based directional median filter for impulse noise removal', *AEU International Journal of Electronics and Communication*, vol. 70, no. 5, pp. 689-697. <https://doi.org/10.1016/j.aeue.2016.02.005>
- Habib, M, Rasheed, S, Hussain, A & Ali, M 2016, Random Value Impulse Noise Removal Based on Most Similar Neighbors. in *2015 13th International Conference on Frontiers of Information Technology (FIT)*. IEEE, pp. 329-333, International Conference on Frontiers of Information Technology, 1/01/00. <https://doi.org/10.1109/FIT.2015.64>
- Hackenberg, J, Spiecker, H, Calders, K, Disney, M & Raunonen, P 2015, 'SimpleTree: An Efficient Open Source Tool to Build Tree Models from TLS Clouds', *Forests: Open Access Journal*, vol. 6, no. 11, pp. 4245-4294. <https://doi.org/10.3390/f6114245>

Hagman, S 2015, *Oppivan organisaation kehittäminen osaavaksi organisaatioksi. Tapaustutkimus suomalaisessa teollisuusyhtiössä*. Tampere University of Technology. Publication, vol. 1296, Tampere University of Technology.

Hagmark, P & Laitinen, J 2014, Modeling of Age-Dependent Failure Tendency from Incomplete Data. in J Lee, J Ni, J Sarangapani & J Mathew (eds), *Engineering Asset Management 2011: Proceedings of the Sixth World Congress on Engineering Asset Management*. Lecture Notes in Mechanical Engineering, Springer-Verlag London Limited, London, pp. 449-459, World Congress on Engineering Asset Management, 1/01/00. https://doi.org/10.1007/978-1-4471-4993-4_40

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

Hakkarainen, T, Tommila, J, Schramm, A, Simonen, J, Niemi, T, Strelow, C, Kipp, T, Kontio, J & Guina, M 2016, Site-controlled InAs Quantum Dots for Plasmonics. in *Conference on Lasers and Electro-Optics 2016: QELS Fundamental Science.*, FM1B.3 , OSA - The Optical Society, CONFERENCE ON LASERS AND ELECTRO-OPTICS, 1/01/00. https://doi.org/10.1364/CLEO_QELS.2016.FM1B.3

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

Halbach, E, Kolu, A & Ghabcheloo, R 2018, Automated pile transfer work cycles with a robotic wheel loader. in K Mela, S Pajunen & V Raasakka (eds), *17th International Conference on Computing in Civil and Building Engineering (ICCCBE): Tampere, 5-7 June 2018*. RIL, Tampere, Finland, INTERNATIONAL CONFERENCE ON COMPUTING IN CIVIL AND BUILDING ENGINEERING, 1/01/00.

Halinoja, M 2015, *Environment Interpretation for Business Continuity in a Project Supplier's Networks – Critical Factors in International Industrial Upgrades*. Tampere University of Technology. Publication, vol. 1313, Tampere University of Technology, Tampere.

Hannus, S 2015, *Value Creation in Private Equity: A Case Study of Outperforming Buyouts in the Nordic Countries*. Tampere University of Technology. Publication, vol. 1328, Tampere University of Technology.

Harmanen, J & Mikkonen, T 2016, On Polyglot Programming in the Web. in *Modern Software Engineering Methodologies for Mobile and Cloud Environments*. IGI Global, pp. 102-119. <https://doi.org/10.4018/978-1-4666-9916-8.ch006>

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

He, H, Chen, X, Ukkonen, L & Virkki, J 2019, Clothing-Integrated Passive RFID Strain Sensor Platform for Body Movement-Based Controlling. in *2019 IEEE International Conference on RFID Technology and Applications (RFID-TA)*. IEEE, pp. 236-239, IEEE International Conference on RFID Technology and Applications, 1/01/00. <https://doi.org/10.1109/RFID-TA.2019.8892118>

Heikkilä, J & Martinsuo, M 2015, 'Lean-tuotanto ja sen johtaminen: onnistuminen, haasteet ja soveltuminen Suomen yrityksiin ja muihin organisaatioihin', *Työpoliittinen aikakauskirja*, no. 3, pp. 18-24.

Heikkilä, J, Jääskeläinen, A & Thitz, O 2016, Long-term effects of purchasing: fact or fiction? in *Proceedings of 25th IPSERA 2016 conference, 20-23.3.2016, Dortmund, Germany*. . International Purchasing and Supply Education and Research Association IPSERA, Annual International Purchasing and Supply Education and Research Association Conference, 1/01/00.

Heikkinen, J, Gumenyuk, R, Rantamäki, A, Lyytikäinen, J, Leinonen, T, Zolotovskii, I, Melkumov, M, Dianov, EM & Okhotnikov, OG 2015, Power and wavelength scaling using semiconductor disk laser - bismuth fiber MOPA systems. in M Guina (ed.), *Vertical External Cavity Surface Emitting Lasers (VECSELs) V.*, 93490E, Proceedings of SPIE, vol. 9349, SPIE, BELLINGHAM, Vertical External Cavity Surface Emitting Lasers, United Kingdom, 1/01/15. <https://doi.org/10.1117/12.2076805>

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

Heinisuo, M, Mela, K, Tiainen, T, Jokinen, T, Baczkiewicz, J & Garifullin, M 2015, Surrogate model for rotational stiffness of welded tubular Y-joints. in *METNET Tenth International Seminar in Budapest 13.-14.10.2015*. HAMKin julkaisuja, no. 15, pp. 18-39, METNET Seminar, 1/01/00.

Heinisuo, M & Mäkinen, J (eds) 2015, *The 13th Nordic Steel Construction Conference (NSCC.2015)*. Tampere University of Technology, Tampere.

Helamaa, A 2015, 'Kattavasti rivitaloista', *Arkkitehti*, no. 3, pp. 80-81.

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

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

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

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

Helander, N, Vesalainen, J & Juha, P 2015, Coopetition and company performance. in *IMP 2015 Conference*.

Helander, N, Väyrynen, H, Zhao, X & Kukko, M 2015, The development curve of knowledge management practices: a ten year perspective from top50 Finnish enterprises. in *15th Eurasia business and economics society conference: Lisbon, Portugal, January 8-10, 2015*. Springer, EURASIA BUSINESS AND ECONOMICS SOCIETY CONFERENCE, 1/01/00.

Heljo, J & Kauppinen, T 2015, Pystytäänkö haitallisia ilmanvaihtovikoja havaitsemaan ja poistamaan. in J Vinha & T Ruuska (eds), *Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere*. Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, Tampere, pp. 325-330, Rakennusfysiikka, 1/01/00.

Heljo, J, Sorri, J & Harsia, P 2017, Energiatohokkuus on entistä enemmän sähkötehon hallintaa. in J Vinha & H Kivioja (eds), *Rakennusfysiikka 2017: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 24.-26.10.2017, Tampere*. vol. 1, Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka., Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, pp. 281-286, Rakennusfysiikka, 1/01/09.

Hellsten, P & Myllärniemi, J 2019, Business intelligence process model revisited. in J Bernardino, A Salgado & J Filipe (eds), *IC3K 2019 - Proceedings of the 11th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management*. IC3K 2019 - Proceedings of the 11th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management, vol. 3, SCITEPRESS, pp. 341-348, International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management, Vienna, Austria, 17/09/19.

Hilliaho, K, Nordquist, B & Wallentén, P 2015, Koko Julkisivua peittävän lasijulkisivun vaikutus Etelä-Ruotsissa sijaitsevan rakennuksen energiatehokkuuteen. in J Vinha & T Ruuska (eds), *Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere*. Rakennustekniikan laitos. Rakennetekniikka. Seminaarijulkaisu 4, no. 4, Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, Tampere, pp. 509-516, Rakennusfysiikka, 1/01/00.

Hilliaho, K, Hietaniemi, J & Visa, P 2015, 'Lasitettujen parvekkeiden ja terassien käyttäytyminen tulipaloissa', *Palontorjuntatekniikka*, no. Erikoisnumero, pp. 18-23.

Hirvonen, T 2015, *Seinäjoen ydinkeskustan olennaiset kehitysvaiheet ja sen 1950 - 70-lukujen rakennusperinnön arvottamisperiaatteita*. Tampereen teknillinen yliopisto. Arkkitehtuurin laitos, Tampere.

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

Höjbjerg Clarke, A, Rostgaard Evald, M & Aarikka-Stenroos, L 2015, Developing commercialization plans through stakeholder interaction: Patterns identified from Public-Private Innovation Projects. in P Vagn Freytag & A Höjbjerg Clarke (eds), *The 31st Annual IMP Conference and Doctoral Colloquium 2015, Kolding, Denmark*. Industrial Marketing and Purchasing Conference, 1/01/14.

Hokka, M, Östman, K, Rämö, J & Kuokkala, VT 2015, High Temperature Tension HSB Device Based on Direct Electrical Heating. in B Song, D Casem & J Kimberley (eds), *Dynamic Behavior of Materials, Volume 1: Proceedings of the 2014 Annual Conference on Experimental and Applied Mechanics*. vol. 65, Conference Proceedings of the Society for Experimental Mechanics Series, Springer, pp. 227-233, Society for experimental mechanics annual conference & exposition on experimental and applied mechanics, 1/01/00. https://doi.org/10.1007/978-3-319-06995-1_34

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

Holopainen, S, Kouhia, R, Könnö, J & Saksala, T 2015, Computational modelling of high-cycle fatigue using a continuum based model. in *Proceedings of the NSCM28: 28th Nordic Seminar on Computational Mechanics, October 22 – 23, 2015, Tallinn, Estonia*. pp. 71-74, Nordic Seminar on Computational Mechanics, 1/01/10.

Holopainen, S 2015, Transpositions and duals high-order tensors. On theory and applications in mechanics. in R Kouhia (ed.), *Proceedings of the XII Finnish Mechanics Days: Suomen XII mekaniikkapäivien esitelmät*. Journal of Structural Mechanics, Rakenteiden Mekaniikan Seura ry, pp. 188-193, Finnish Mechanics Days, 1/01/00.

Holopainen, S 2016, Evolution equations based approach for modeling of fatigue in amorphous glassy polymers. On the investigation of fatigue damage development in polycarbonate. in M Papadrakakis, V Papadopoulos, G Stefanou & V Plevris (eds), *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*. pp. 6675-6687, EUROPEAN CONGRESS ON COMPUTATIONAL METHODS IN APPLIED SCIENCES AND ENGINEERING, 1/01/00. <https://doi.org/10.7712/100016.2289.11047>

Holopainen, S & Kouhia, R 2016, 'Continuum approach for modeling fatigue in amorphous glassy polymers. Applications to the investigation of damage mechanisms in polycarbonate'.

Hongisto, V, Kylliäinen, M & Hyönä, J 2015, ÄKK-hankkeen suositukset tulevaisuuden ääneneristysmääräyksiä koskien. in *Rakennusfysiikka 2015*. Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, Tampere, pp. 561-566, Rakennusfysiikka, 1/01/00.

Hosek, J, Kovac, D, Uhlir, D, Galinina, O, Andreev, S, Koucheryavy, Y & Ries, M 2015, On Predicting Video Quality Expectations of Mobile Users. in *2015 7th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT)*. IEEE, pp. 110-115, International Congress on Ultra Modern Telecommunications and Control Systems, 1/01/00. <https://doi.org/10.1109/ICUMT.2015.7382414>

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

Ho-Van, K, Sofotasios, PC, Que Son, V, Thanh Tra, L & Hong Lien, P 2015, Analysis of Cognitive Cooperative Networks with Best Relay Selection and Diversity Reception. in *2015 International Conference on Advanced Technologies for Communications (ATC)*. IEEE, pp. 651-656, International Conference on Advanced Technologies for Communications, 1/01/00. <https://doi.org/10.1109/ATC.2015.7388412>

Huhtelin, M & Nenonen, S 2015, 'A Co-creation Centre for University–Industry Collaboration – A Framework for Concept Development', *Procedia Economics and Finance*, vol. 21, pp. 137 - 145. [https://doi.org/10.1016/S2212-5671\(15\)00160-4](https://doi.org/10.1016/S2212-5671(15)00160-4)

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

Hukka, JJ & Katko, TS 2015, 'Resilient Asset Management and Governance Fordeteriorating Water Services Infrastructure', *Procedia Economics and Finance*, vol. 21, pp. 112-119. [https://doi.org/10.1016/S2212-5671\(15\)00157-4](https://doi.org/10.1016/S2212-5671(15)00157-4)

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

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

Huotari, P, Järvi, K, Kortelainen, S & Huhtamäki, J 2015, Winner-Does-Not-Take-All: Selective Attention and Local Bias in Platform-Based Markets. in *Academy of Management Proceedings: Meeting Abstract Supplement*. Academy of Management. Annual Meeting Proceedings, Academy of Management, Annual meeting of the Academy of Management, 1/01/00.

Huova, M, Ahopelto, M, Ketonen, M, Ahola, V, Linjama, M & Huhtala, K 2015, Characteristics of Digital Hydraulics with Commercial Controllers. in *The Seventh Workshop on Digital Fluid Power* . Linz Center of Mechatronics, pp. 114-128, Workshop on Digital Fluid Power, 1/01/00.

Huovinen, P 2015, 'Theoretical 71-Concept Platform for Advancing Construction-related Business Management', *Procedia Economics and Finance*, vol. 21, pp. 80-87. [https://doi.org/10.1016/S2212-5671\(15\)00153-7](https://doi.org/10.1016/S2212-5671(15)00153-7)

Huovinen, P 2015, Leveraging concepts for environmentally sustainable business management in construction - a focused review. in C Egbu (ed.), *CIB Proceedings 2015 : Going North for Sustainability: Leveraging Knowledge and Innovation for Sustainable Construction and Development*. IBEA Publications Ltd, London, UK, pp. 286-296, International Council for Research and Innovation in Building and Construction Conference, 1/01/00.

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

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

Huttunen, P, Rantala, J & Vinha, J 2017, Suuren lämmöneristämättömän maanvastaisen alapohjan vaikutus rakennuksen energiankulutukseen. in J Vinha & H Kivioja (eds), *Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24-26.10.2017, Tampere*. vol. 1, Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka., Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, Tampere, pp. 335-342, Rakennusfysiikka, 1/01/09.

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

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

Hynynen, A, Panu, A-M & Taanila, T (eds) 2015, *Puu-Hubi: Perinteestä uusiin innovaatioihin*. Tampereen teknillinen yliopisto. Arkkitehtuurin laitos.

Hynynen, A 2015, Puurakentamisesta potkua alueiden ja kaupunkien kehittämiseen. in A Hynynen, A-M Panu & T Taanila (eds), *Puu-Hubi. : Perinteestä uusiin innovaatioihin*. Tampereen teknillinen yliopisto. Arkkitehtuurin laitos, pp. 75-93.

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

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

Hyötynen, P, Mursu, S & Teini, J-P 2014, Professional knowledge, skills and competencies of the new graduates and the engineering professionals - Comparison of the importance in working-life. in *SEFI Annual Conference 2014*. European Society for Engineering Education SEFI, Brussel, Annual Conference of the European Society for Engineering Education, 1/01/00.

Hyyti, J, Hofmann, M, Birkholz, S, Bock, M, Das, SK, Grunwald, R, Hoffmann, M, Nagy, T, Demircan, A, Jupé, M, Ristau, D, Morgner, U, Brée, C, Woerner, M, Elsaesser, T & Steinmeyer, G 2015, Non-Instantaneous Polarization Dynamics in Resonant Dielectrics. in *2015 European Conference on Lasers and Electro-Optics - European Quantum Electronics Conference.*, EE_5b_2, Optical Society of America, Washington, D.C., European Conference on Lasers and Electro-Optics and the European Quantum Electronics Conference, 1/01/00.

- Hyytinen, T & Kivistö-Rahnasto, J 2015, *Liikuntapalveluiden ulkoistaminen ja palveluiden turvallisuus. Nykytilanne ja kuntien kokemukset – Loppuraportti*. Opetus- ja kulttuuriministeriön julkaisuja, OPETUS- JA KULTTUURIMINISTERIÖ, Helsinki.
- Iarovy, S, Xu, X, Lobov, A, Lastra, JLM & Strzelczak, S 2015, Architecture for Open, Knowledge-Driven Manufacturing Execution System. in *Advances in Production Management Systems: Innovative Production Management Towards Sustainable Growth*. Springer, pp. 519-527, IFIP working group 5.7 international workshop on experimental interactive learning in industrial management, 1/01/00. https://doi.org/10.1007/978-3-319-22759-7_60
- Ikkala, K, Lanz, M, Kiviö, J & Coatanéa, E 2015, Energy efficiency evaluation method for machine tools. in *Flexible Automation and Intelligent Manufacturing 2015*. The Choir Press, pp. 58-65, International Conference on Flexible Automation and Intelligent Manufacturing, 1/01/00.
- Ilomets, S, Kalamees, T & Lahdensivu, J 2016, Validation of the method to evaluate the corrosion propagation stage by hygrothermal simulation. in *CESB 2016 - Central Europe Towards Sustainable Building 2016: Innovations for Sustainable Future*. Czech Technical University in Prague, pp. 1113-1120, CENTRAL EUROPE TOWARDS SUSTAINABLE BUILDING CONFERENCE, 1/01/00.
- Isotalo, TJ & Niemi, T 2016, Dots-on-the-fly electron beam lithography. in C Bencher (ed.), *SPIE Proceedings: Alternative Lithographic Technologies VIII*. vol. 9777, 97771E, Proceedings of SPIE, SPIE, Alternative Lithographic Technologies, 1/01/00. <https://doi.org/10.1117/12.2219136>
- Jaakkola, H & Thalheim, B 2015, Culture-Aware Web Information System Development. in T Welzer, M Hölbl, Y Kiyoki, B Thalheim & H Jaakkola (eds), *25th International Conference on Information Modelling and Knowledge Bases EJC 2015 June 9-12, 2015, Maribor, Slovenia*. University of Maribor, Faculty of Electrical Engineering and Computer Science, Maribor, pp. 121-138, International conference on information modelling and knowledge bases, 1/01/00.
- Jaakkola, E, Aarikka-Stenroos, L & Salmivalli, L 2015, Institutionalizing a service innovation in complex networks: The case of developing and diffusing electronic prescription in Finland. in P Vagn Freytag & A Höjbjerg Clarke (eds), *The 31st Annual IMP Conference and Doctoral Colloquium 2015, Kolding, Denmark*. Industrial Marketing and Purchasing Conference, 1/01/14.
- Jaakkola, H & Thalheim, B 2016, Recognising the culture context in information search. in H Jaakkola, B Thalheim, Y Kiyoki & N Yoshida (eds), *Proceedings of the 26th International Conference on Information Modelling and Knowledge Bases - EJC 2016. : June 6-10, 2016, Tampere, Finland*. . vol. 18, Tampere University of Technology Pori Department Publications, no. 18, Tampere University of Technology Pori Department, Tampere, pp. 167-185, International conference on information modelling and knowledge bases, 1/01/00.
- Jaakkola, H, Thalheim, B, Kiyoki, Y & Yoshida, N (eds) 2016, *Proceedings of the 26th International Conference on Information Modelling and Knowledge Bases - EJC 2016: June 6-10, 2016, Tampere, Finland*. . Tampere University of Technology, Pori Department Publications, Tampere University of Technology, Tampere.
- Jaakkola, H & Thalheim, B 2017, Culture-Aware Web Information Systems in Dependence of Context. in V Sornlertlamvanich, P Chawakitchareon, A Hansuebsai, C Koopipat, Y Kiyoki, H Jaakkola, B Thalheim & N Yoshida (eds), *The Proceedings of the 27th International Conference on Information Modelling and Knowledge Bases*. Sirindhorn International Institute of Technology, Thammasat University, Thailand, pp. 309-331, International conference on information modelling and knowledge bases, 1/01/00.
- Jääskeläinen, A, Heikkilä, J & Thitz, O 2015, Identifying the potential of performance measurement in supporting strategic purchasing and supply chain management. in *8th conference on performance measurement and management control*. Conference on Performance Measurement and Management Control, The European Institute for Advanced Studies in Management, EIASM, Nice, France, pp. 1-21, Conference on Performance Measurement and Management Control, Belgium, 1/01/00.
- Jääskeläinen, A, Thitz, O & Heikkilä, J 2016, The role of the purchasing function in non-financial value creation. in *25th Proceedings of IPSERA 2016 conference, : 20-23.3.2016, Dortmund, Germany*. Annual International Purchasing and Supply Education and Research Association Conference, 1/01/00.

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

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

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

Jama, T, Lehtovuori, P, Rajaniemi, J, Siikonen, M, Mäntynen, J, Rantanen, A, Joutsiniemi, A, Koskela, K, Kärkinen, T, Saarikoski, P & Saarniaho, K 2018, *Ideoita kaavoituksen sisällön uudistamiseen: Kaavojen merkintöjen ja määräysten kehittäminen (KAMMI-hanke)*. vol. 4/2018, Ympäristöministeriö, Helsinki.

Jäniskangas, T 2015, *Hiekkatekonurmipintaisten pesäpalkokenttien ominaisuuksien muuttuminen ja elinkaari*. Tampereen teknillinen yliopisto. Rakennustekniikan laitos. Maa- ja pohjarakenteet. Tutkimusraportti, vol. 80, Tampereen teknillinen yliopisto. Rakennustekniikan laitos.

Jarusriboonchai, P, Olsson, T, Prabhu, V & Väänänen-Vainio-Mattila, K 2015, CueSense: a Wearable Proximity-Aware Display Enhancing Encounters. in *CHI EA '15 Proceedings of the 33rd Annual ACM Conference Extended Abstracts on Human Factors in Computing Systems*. ACM, Extended abstracts on human factors in computing systems, 1/01/00. <https://doi.org/10.1145/2702613.2732833>

Järveläinen, M, Yli-Hallila, T, Salpavaara, T, Verho, J, Vilkkö, M & Levänen, E 2015, 'Kolloidisten suspensioiden online -analysointi: tutkimuksesta liiketoimintaa', *Materia*, no. 5/2015, pp. 54-57.

Järvenpää, E & Lanz, M 2015, Guidelines for Designing Human-friendly User Interfaces for Factory Floor Manufacturing Operators. in *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*. IFIP Advances in Information and Communication Technology, Springer International Publishing, pp. 531-538, International Conference on Advances in Production Management Systems, 1/01/00. https://doi.org/10.1007/978-3-319-22759-7_61

Järvinen, A, Kuuluvainen, H, Niemi, JV, Saari, S, Dal Maso, M, Pirjola, L, Hillamo, R, Janka, K, Keskinen, J & Rönkkö, T 2015, 'Monitoring urban air quality with a diffusion charger based electrical particle sensor', *Urban Climate*, vol. 14, no. 3. <https://doi.org/10.1016/j.uclim.2014.10.002>

Järvinen, ST, Saari, S, Keskinen, J & Toivonen, J 2015, Detailed analysis of laser-induced breakdown spectroscopy of single particles using electrodynamic balance trapping. in *The European Conference on Lasers and Electro-Optics 2015*. Optical Society of America, pp. CH_7_5, European Conference on Lasers and Electro-Optics and the European Quantum Electronics Conference, 1/01/00.

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

Jeronen, J & Kouhia, R 2015, On the effect of damping on stability of non-conservative systems. in R Kouhia, J Mäkinen, S Pajunen & T Saksala (eds), *Proceedings of the XII Finnish Mechanics Days: Suomen XII mekaniikkapäivien esitelmät*. Rakenteiden Mekaniikan Seura ry, pp. 77, Finnish Mechanics Days, 1/01/00.

- Jokinen, J, Kanerva, M & Saarela, O 2018, Multi-site delamination analysis using virtual crack closure technique for a composite aircraft wing flap. in *31st Congress of the International Council of the Aeronautical Sciences (Proceedings): Belo Horizonte, Brazil September 9-14, 2018*. ICAS Press, INTERNATIONAL COUNCIL OF THE AERONAUTICAL SCIENCES CONGRESS, 1/01/00.
- Jokipii, J & Suntio, T 2015, Dynamic characteristics of three-phase Z-source-based photovoltaic inverter with asymmetric impedance network. in *9th International Conference on Power Electronics ECCE Asia (ICPE-ECCE Asia)*. IEEE, pp. 1976-1983, IEEE International Conference on Power Electronics - ECCE Asia, 1/01/00.
<https://doi.org/10.1109/ICPE.2015.7168049>
- Jokisalo, J, Sankelo, P, Sirén, K & Vinha, J 2017, Kustannusoptimaaliset energiakorjaus- ja uusiutuvan energian tuotannon ratkaisut kunnallisissa palvelurakennuksissa. in J Vinha & H Kivioja (eds), *Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere*. vol. 1, Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, Tampere, pp. 287-292, Rakennusfysiikka, 1/01/00.
- Joutsenlahti, J, Ali-Löytty, S & Pohjolainen, S 2016, Developing Learning and Teaching in Engineering Mathematics with and without Technology. in *SEFI 2016 Annual Conference Proceedings: Engineering Education on Top of the World: Industry University Cooperation*. European Society for Engineering Education SEFI, Annual Conference of the European Society for Engineering Education, 1/01/00.
- Junttila, H, Laukkarinen, A & Vinha, J 2015, Puurunkoisten tuuletettujen yläpohjien kosteustekninen toiminta. in J Vinha & T Ruuska (eds), *Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere*. Rakennustekniikan laitos, Rakennetekniikka. Seminaarijulkaisu, no. 4, Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, Tampere, pp. 77-82, Rakennusfysiikka, 1/01/00.
- Jussila, JJ, Kärkkäinen, H, Aramo-Immonen, H, Ammirato, S, Michele Felicetti, A & Della Gala, M 2015, Social media applications in external B2B transactions: An empirical analysis of the Finnish technology industry. in *10th International Forum on Knowledge Asset Dynamics: Culture, Innovation and Entrepreneurship: connecting the knowledge dots*. vol. 10, Bari, pp. 1930-1940, International Forum on Knowledge Asset Dynamics, 1/01/00.
- Jussila, J 2015, *Social Media in Business-to-Business Companies' Innovation*. Tampere University of Technology. Publication, vol. 1333, Tampere University of Technology.
- Jussila, J, Aramo-Immonen, H, Rouvari, O, Porkka, P & Ammirato, S 2016, Does Strategic and Innovative Fit Indicate Smart Social Media use in a Company? in *Proceedings of the 11th International Forum on Knowledge Asset Dynamics: Towards a New Architecture of Knowledge: Big Data, Culture and Creativity, Dresden -Germany 15-17 June 2016.*, 249, Dresden, pp. 1973-1983, International Forum on Knowledge Asset Dynamics, 1/01/00.
- Jussila, J, Helander, N, Vuori, V & Okkonen, J 2016, Sosiaalinen media brändi- ja asiakastiedon lähteenä. in P Tuomi (ed.), *TiedeAreena 2016*. vol. 11, Tampereen teknillinen yliopisto, Porin laitos, Pori, pp. 55-56, TiedeAreena, 3/10/16.
- Jussila, J, Vuori, V, Okkonen, J & Helander, N 2017, Reliability and Perceived Value of Sentiment Analysis for Twitter Data. in A Kavoura, D Sakas & P Tomaras (eds), *5th International Conference on Strategic Innovative Marketing, At Athens, Greece, September 23-26, 2016*. Springer Proceedings in Business and Economics, Springer, pp. 43-48, International conference on strategic innovative marketing, 8/12/16. https://doi.org/10.1007/978-3-319-56288-9_7
- Jussila, J, Boedeker, M, Jalonen, H & Helander, N 2017, Social Media Analytics Empowering Customer Experience Insight. in A Kavoura, D Sakas & P Tomaras (eds), *5th International Conference on Strategic Innovative Marketing, Volume: 5: September 23-26, 2016 At Athens, Greece*. Springer Proceedings in Business and Economics, Springer, pp. 25-30, International conference on strategic innovative marketing, 8/12/16.
- Jussila, J, Boedeker, M, Jalonen, H & Helander, N 2016, 'Social media analytics empowering marketing insight- A framework for analyzing affective experiences from social media content' Paper presented at EMAC 2016, Oslo, Norway, 24/05/16 - 27/05/16, .

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

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

Jussila, J, Kukkamäki, J & Helander, N 2019, Co-creating digital services for citizens: Activity theory analysis. in J Bernardino, A Salgado & J Filipe (eds), *IC3K 2019 - Proceedings of the 11th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management*. IC3K 2019 - Proceedings of the 11th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management, vol. 3, SCITEPRESS, pp. 285-290, International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management, Vienna, Austria, 17/09/19. <https://doi.org/10.5220/0008349002850290>

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

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

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

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

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

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

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

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

Jylhä, T, Vuolle, M, Nenonen, S & Virtaneva, M 2015, Towards Business Potential of Workplace Services in Finland. in *8th Nordic Conference on Construction Economics and Organization: May 28-29 2015, Tampere, Finland*. vol. 21, Procedia Economics and Finance, Elsevier, pp. 518-523, Nordic Conference on Construction Economics and Organization, Sweden, 4/10/99. [https://doi.org/10.1016/S2212-5671\(15\)00207-5](https://doi.org/10.1016/S2212-5671(15)00207-5)

Kaarakka, T 2015, *Fractional Ornstein-Uhlenbeck Processes*. Tampere University of Technology. Publication, vol. 1338, Tampere University of Technology.

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

Kähkönen, K, Huovinen, P & Keinänen, M (eds) 2015, *CEO 2015: Proceedings of the 8th Nordic Conference on Construction Economics and Organization*. Tampere University of Technology. Department of Civil Engineering. Construction Management and Economics. Report, vol. 16, Tampere University of Technology. Department of Civil Engineering.

Kähkönen, K, Huovinen, P & Keinänen, M 2015, 'Editorial', *Procedia Economics and Finance*, vol. 21, pp. 1-5.

Kähkönen, K (ed.) 2015, '8th Nordic Conference on Construction Economics and Organization', *Procedia Economics and Finance*, vol. 21.

Kähkönen, K & Keinänen, M (eds) 2016, *Proceedings of the CIB World Building Congress 2016: Volume I - Creating built environments of new opportunities*. Tampere University of Technology. Department of Civil Engineering. Construction Management and Economics. Report, vol. 18, vol. 1, Tampere University of Technology. Department of Civil Engineering.

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

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

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

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

Kanerva, M, Besharat, Z, Pärnänen, T, Jokinen, J, Honkanen, M, Sarlin, E, Göthelid, M & Schlenzka, D 2019, 'Automatization and stress analysis data of CoCr laser weld fatigue tests', *Data in Brief*, vol. 26, 104374. <https://doi.org/10.1016/j.dib.2019.104374>

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

Kangas, J & Poutanen, J 2018, Underpinning Interrelated Factors of Physical, Virtual, and Social Learning Environments. in *ICERI2018 Proceedings*. ICERI proceedings, pp. 8087-8096, Annual International Conference of Education, Research and Innovation, 12/11/18. <https://doi.org/10.21125/iceri.2018.0459>

Kankkunen, T & Kero, P 2015, Hometalolle suoritettavat toimenpiteet ja niiden valinta - case-esimerkki. in J Vinha & T Ruuska (eds), *Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere*. Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, Tampere, pp. 265-270, Rakennusfysiikka, 1/01/00.

Kantola, E, Leinonen, T, Ranta, S, Tavast, M, Penttinen, J-P & Guina, M 2015, 1180nm VECSEL with 50 W output power. in *Proceedings of SPIE - The International Society for Optical Engineering*, vol. 9349, 93490U, SPIE, Vertical External Cavity Surface Emitting Lasers, United Kingdom, 1/01/15. <https://doi.org/10.1117/12.2079480>

Kantola, E, Leinonen, T, Penttinen, J-P, Tavast, M, Ranta, S & Guina, M 2015, 50 W VECSEL emitting at 1180 nm. in *2015 Conference on Lasers and Electro-Optics Europe - European Quantum Electronics Conference, 21.-25.6. Munich, Germany: CB_3_1*. OSA, European Conference on Lasers and Electro-Optics and the European Quantum Electronics Conference, 1/01/00.

Kantola, E, Leinonen, T, Ranta, S, Tavast, M & Guina, M 2013, High-efficiency yellow VECSEL with 20 W output power. in *Optics Days 2013, Helsinki, Finland: Oral presentation in Optics Days 2013, Helsinki, Finland*. OPTICS DAYS, 1/01/00.

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

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

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

Karimi, N, Kunwar, P & Toivonen, J 2015, Direct Laser Writing of Fluorescent Silver Nanoclusters in Polyvinyl Alcohol Films. in *Frontiers in Optics 2015: Proceedings.*, FTu5E.4, OSA annual meeting, Frontiers in Optics, San Jose, United States, 18/11/15. <https://doi.org/10.1364/FIO.2015.FTu5E.4>

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

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

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

Karjalainen, P 2015, 'Muuttuvat ajotilanteet aiheuttavat uudentyyppisiä ajoneuvojen hiukkaspäästöjä', *Ympäristö ja terveys*, vol. 46, no. 6, pp. 28-31.

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

Karjalainen, M, Roine, A, Oksala, N & Lekkala, J 2015, Some aspects of molecular physics in measuring tissue samples using enose for disease diagnostics. in *XXI IMEKO World Congress "Measurement in Research and Industry"*. IMEKO-International Measurement Federation Secretariat, IMEKO World Congress, 1/01/00.

Kärkkäinen, H, Jussila, J & Erkinheimo, P 2015, The New Era of Crowdsourcing — Industrial Crowdsourcing. in B Salmelin (ed.), *Open Innovation Yearbook 2015*. European Commission, Brussel, pp. 25-31, Open Innovation 2.0 Conference 2015, Espoo, Finland, 7/06/15. <https://doi.org/10.2759/92658>

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

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

Katko, TS, Lukka, A & Rajala, R 2015, 'Tampereelta valmistuneiden vesihuoltoalan diplomi-insinöörien sijoittuminen ja odotukset yliopisto-opetukselle', *Vesitalous*, no. 2, pp. 45-47.

Katko, TS & Hukka, JJ 2015, 'Social and Economic Importance of Water Services in the Built Environment: Need for More Structured Thinking', *Procedia Economics and Finance*, vol. 21, pp. 217-223. [https://doi.org/10.1016/S2212-5671\(15\)00170-7](https://doi.org/10.1016/S2212-5671(15)00170-7)

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

Katko, TS, Juuti, P, Pietilä, P & Rajala, R 2015, Water services heritage and institutional diversity. in W Willems & H van Schaik (eds), *Water and Heritage: material, conceptual and spiritual connections*. Sidestone Press.

Katko, TS 2015, 'Kohti tasapuolisempaa tutkimuksen arviointia: Pääkirjoitus', *Ympäristöhistoria: Finnish Journal of Environmental History*, vol. 5, no. 1, pp. 4-5.

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

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

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

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

Kauppinen, A, Kiviste, M, Pirhonen, J & Vinha, J 2017, Paine-erot Pirkanmaan ja Helsingin julkisissa palvelurakennuksissa. in J Vinha & H Kivioja (eds), *Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24-26.10.2017, Tampere*. vol. 1, Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka., Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, Tampere, pp. 215-221, Rakennusfysiikka, 1/01/09.

- Kauranen, M, Czaplicki, R, Mäkitalo, J, Lehtolahti, J, Koskinen, K, Laukkanen, J & Kuittinen, M 2015, Enhancement mechanisms for second-harmonic generation from metal nanostructures. in *PROCEEDINGS OF SPIE: Ultrafast Phenomena and Nanophotonics XX*. vol. 9746, SPIE Photonics West, 1/01/00.
- Keinänen, M, Uotila, U, Sorri, J, Teriö, O & Kähkönen, K 2016, Consensus building in the pre-design phase of building projects. in M Prins, H Wamelink, B Giddings, K Ku & M Feenstra (eds), *WBC16 Proceedings of the CIB World Building Congress 2016 Volume II : Environmental Opportunities and challenges, Constructing commitment and acknowledging human experiences*. vol. Volume II , Tampere University of Technology. Department of Civil Engineering. Construction Management and Economics., Tampere University of Technology. Department of Civil Engineering, pp. 561-572, CIB WORLD BUILDING CONGRESS, 1/01/00.
- Keinänen, M & Kähkönen, K 2018, 'Core Project Team As a Management Entity for Construction Projects', *In_bo: Ricerche e progetti per il territorio, la città e l'architettura. Construction Management*, vol. 9, no. 13, pp. 208-217.
- Kekonen, A, Bergelin, M, Eriksson, J-E, Ylänen, H, Kielosto, S & Viik, J 2016, Bioimpedance measurement system for evaluation of the status of wound healing. in *2016 15th Biennial Baltic Electronics Conference (BEC)* . IEEE, pp. 175-178, Biennial Baltic Electronics Conference, 1/01/00. <https://doi.org/10.1109/BEC.2016.7743757>
- Kekonen, A, Bergelin, M & Viik, J 2018, 'Tutkimuskatsaus: Uusia menetelmiä haavan paranemisen arviointiin ja seurantaan', *HAAVA*, vol. 20, no. 3, pp. 30-32.
- Kekonen, A, Bergelin, M, Eriksson, J-E, Vesa, M, Johansson, M & Viik, J 2018, Long-term monitoring of acute wound healing from beneath the primary wound dressings. in *2018 16th Biennial Baltic Electronics Conference (BEC)*. IEEE, Biennial Baltic Electronics Conference, 1/01/00. <https://doi.org/10.1109/BEC.2018.8600956>
- Kelo, T & Eronen, J 2017, Experiences from development of security audit criteria. in *Proceedings of the 16th European Conference on Cyber Warfare and Security, ECCWS 2017*. TAPPI Press; Curran Associates, Inc, pp. 208-215, European Conference on Information Warfare and Security, 1/01/00.
- Kelo, T, Eronen, J & Rousku, K 2018, Model for efficient development of security audit criteria. in *Proceedings of the 17th European Conference on Cyber Warfare and Security, ECCWS 2018*. Curran Associates, pp. 244-252, European Conference on Cyber Warfare and Security, Oslo, Norway, 28/06/18.
- Kerminen, R, Wang, C & Visa, A 2015, Analysis on bus travel time through traffic light intersection. in *ITS World Congress 2015 Proceedings: Towards Intelligent Mobility – Better Use of Space.*, EU-ITS-2051, ITS World Congress, 1/01/00.
- Kerst, T & Toivonen, J 2018, Alpha radiation induced luminescence in solar blind spectral region. in *CLEO: Applications and Technology, CLEO_AT 2018*. OSA - The Optical Society, CONFERENCE ON LASERS AND ELECTRO-OPTICS, 1/01/00. https://doi.org/10.1364/CLEO_AT.2018.ATH4O.8
- Ketola, S, Sipilä, E, Pajarre, E & Takala, J 2016, New introductory courses and teacher tutoring: Keys to an efficient beginning for university studies in engineering. in *SEFI Annual Conference 2016: Engineering Education on Top of the World: Industry University Cooperation*. Annual Conference of the European Society for Engineering Education, 1/01/00.
- Ketonen-Oksi, S 2016, Adapting service-based working culture as the key driver for organisational creativity and innovation. in *Towards a new architecture of knowledge : Big Data, culture and creativity: IFKAD 2016-11th International Forum on Knowledge Asset Dynamics, Dresden 15-17.6.2016, Germany*. International Forum on Knowledge Asset Dynamics, 1/01/00.
- Ketonen-Oksi, S 2017, Reinventing organisational creativity and innovation through adapting a service-based working culture. in G Schiuma & A Lerro (eds), *Integrating arts and creativity into business practice*. IGI Global, pp. 1-20. <https://doi.org/10.4018/978-1-5225-2050-4>

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

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

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

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

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

Khosravi, M & Kähkönen, K 2015, 'Management and Planning Under Complexities of Metro Construction', *Procedia Economics and Finance*, vol. 21, pp. 415-421. [https://doi.org/10.1016/S2212-5671\(15\)00194-X](https://doi.org/10.1016/S2212-5671(15)00194-X)

Kiilakoski, J, Lukac, F, Koivuluoto, H & Vuoristo, P 2017, Cavitation wear characteristics of Al₂O₃-ZrO₂-ceramic coatings deposited by APS and HVOF -processes. in *International Thermal Spray Conference ITSC 2017, Conference Proceedings: June 7-9, 2017, Düsseldorf, Germany..* vol. 336, DVS-Berichte / DVS - Deutscher Verband für Schweißen und Verwandte Verfahren e.V., DVS Media GmbH, Düsseldorf, pp. 928-933, International Thermal Spray Conference, 1/01/00.

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

Kiili, K, Ojansuu, K, Lindstedt, A & Ninaus, M 2017, Rational Number Knowledge Assessment and Training With a Game Competition. in *Proceedings of The 11th European Conference on Game-Based Learning ECGBL 2017*. Academic Conferences and Publishing International Limited, pp. 320-327, EUROPEAN CONFERENCE ON GAMES-BASED LEARNING, 1/01/00.

Kirjavainen, J, Mäkinen, S & Sommarberg, M 2018, The Effects of Product Line Length on Firm Performance. in *2018 Portland International Conference on Management of Engineering and Technology (PICMET)*. IEEE, Portland International Conference on Management of Engineering and Technology, 1/01/00. <https://doi.org/10.23919/PICMET.2018.8481780>

Kivimäki, J & Suntio, T 2015, Appearance of a Drift Problem in Variable-step Perturbative MPPT Algorithms. in *31st European Photovoltaic Solar Energy Conference and Exhibition (EU PVSEC)*. pp. 1602-1608, European Photovoltaic Solar Energy Conference, 1/01/14. <https://doi.org/10.4229/EUPVSEC20152015-5AO.9.2>

Knyazev, S, Tarakanov, S, Kuznetsov, V, Porozov, Y, Koucheryavy, Y & Stepanov, E 2015, Coarse-grained model of protein interaction for bio-inspired nano-communication. in *2014 6th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT)*. pp. 260-262, International Congress on Ultra Modern Telecommunications and Control Systems, 1/01/00. <https://doi.org/10.1109/ICUMT.2014.7002112>

Kocsis, P, Shevkunov, I, Katkovnik, V & Egiazarian, K 2019, Single exposure lensless subpixel phase imaging. in BC Kress & P Schelkens (eds), *Digital Optical Technologies 2019*. Proceedings of SPIE - The International Society for Optical Engineering, vol. 11062, SPIE, IEEE, Digital Optical Technologies, Munich, Germany, 24/06/19. <https://doi.org/10.1117/12.2525679>

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

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

Kokkinis, E, Drossos, K, Tatlas, N-A, Floros, A, Tsilfidis, A & Agavanakis, K 2012, Smart microphone sensor system platform. in *Audio Engineering Society Convention 132*. AES Audio Engineering Society.

Köliö, A, Lahdensivu, J & Pentti, M 2015, Active corrosion phase as a service life extension of concrete facades. in *Proceedings of the Eurocorr 2015, European corrosion congress*. Austrian Society for Metallurgy and Materials (ASMET); EFC; DECHEMA, European Corrosion Congress, 1/01/00.

Köliö, A, Hohti, H, Pakkala, T, Laukkarinen, A, Lahdensivu, J & Mattila, J 2015, Raudoitteiden korroosionopeuden määrittäminen betonijulkisivussa korkean aikaresoluution säädäntöavulla. in *Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere..* Rakennustekniikan laitos. Rakennetekniikka. Seminaarijulkaisu, no. 4, Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, pp. 195-202, Rakennusfysiikka, 1/01/00.

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

Kolisoja, P, Kalliainen, A & Vuorimies, N 2015, New mechanistic design approach for subgrade rutting of Low Volume Roads. in *XVI ECSMGE 2015, 13-17 September 2015 - Edinburgh: Geotechnical engineering for infrastructure and development*. pp. 301-306, European conference on soil mechanics and geotechnical engineering, 1/01/00.

Kolu, A, Rajapolvi, K, Hyvönen, M, Multanen, P & Huhtala, K 2015, Low-cost 3D lidar for the mapping of autonomous mobile work machine. in *Proceedings of the Fourteenth Scandinavian International Conference on Fluid Power, SICFP15. May 20-22, 2015. Tampere, Finland*. Scandinavian International Conference on Fluid Power, 1/01/00.

Komar, M 2015, Performance comparison of selected wired and wireless networks on chip architectures. in *2015 17TH Conference of Open Innovations Association (FRUCT)*. Conference of Open Innovations Association (FRUCT), pp. 68-74, Conference of the Open Innovations Association FRUCT, 1/01/00. <https://doi.org/10.1109/FRUCT.2015.7117974>

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

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

Koponen, O-P 2015, 'Postmodernismi Suomen rakennusperinnössä', *Arkkitehti*, vol. 2015, no. 2/2015, pp. 72-74.

Koponen, O-P 2015, 'Kangasala-talo: Vanhan kulttuuripitäjän uusi kulttuuritalo', *Arkkitehti*, vol. 2015, no. 4/2015, pp. 67-69.

Koponen, O-P 2015, Tammerkoski ja Hämeenkatu Tampereen arkkitehtonisen identiteetin ankkureina. in R Hautamäki (ed.), *Tampereen tarina: Teollisuuden synnyttämä kaupunki harjujen ja järvien solmukohdassa*. vol. Julkaisuja 5/2015, Tampereen kaupunki/Kaupunkiympäristön kehittäminen, vol. 5/2015, Tampereen kaupunki, Kaupunkiympäristön kehittäminen, pp. 35-42.

Koponen, O-P 2015, Meeting of Vernacular and Modern Architecture in Urbino: Giancarlo De Carlo and reading of the context. in M Mattila (ed.), *Italian Vernadoc 2015 – Amandola: Studying Italia and its architecture. The first 10 VERNADOC-years*. Suomen ICOMOS, kansanrakentamisen komitea, Helsinki, pp. 26-29.

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

Kopra, M-J, Halonen, N, Järvenpää, E & Lanz, M 2015, Increasing Employee Involvement in Socially Sustainable Manufacturing: Two Methods for Capturing Employees' Tacit Knowledge to Improve Manufacturing Processes. in *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*. IFIP Advances in Information and Communication Technology, Springer International Publishing, pp. 539-546, IFIP working group 5.7 international workshop on experimental interactive learning in industrial management, 1/01/00. https://doi.org/10.1007/978-3-319-22759-7_62

Korpela, T, Kumpulainen, P, Majanne, Y & Häyrynen, A 2015, Savukaasun NOx-päästöjen epäsuora monitorointi maakaasukäyttöisissä polttolaitoksissa. in S-L Jämsä-Jounela (ed.), *Automaatio XXI seminaari*. SAS julkaisusarja, no. 44, Suomen Automaatioseura, pp. 1-6, Automaatioseminaari, Finland, 1/01/80.

Korpijärvi, V-M, Kantola, EL, Leinonen, T & Guina, M 2015, Monolithic GaInNAsSb/GaAs VECSEL emitting at 1550 nm. in *SPIE conference proceedings*. vol. 9349, 93490D, SPIE, Vertical External Cavity Surface Emitting Lasers, United Kingdom, 1/01/15. <https://doi.org/10.1117/12.2077517>

Korpijärvi, V-M, Viheriälä, J, Aho, A & Guina, M 2015, Single-mode 1180 nm GaInNAs/GaAs DBR laser diode for frequency doubling to 590 nm: paper CB_11_4. in *2015 European Conference on Lasers and Electro-Optics - European Quantum Electronics Conference*. OSA, European Conference on Lasers and Electro-Optics and the European Quantum Electronics Conference, 1/01/00.

Koskinen, JA 2015, E-learning of ethics, awareness, hacking and research by information security majors. in *Proceedings of SEFI Annual Conferences*. European Society for Engineering Education SEFI, Annual Conference of the European Society for Engineering Education, 1/01/00.

Koskinen, K, Scherbak, S, Chervinskii, S, Lipovskii, A & Kauranen, M 2018, Non-resonant enhancement of second-harmonic generation from metal nanoislands coated with dielectric layers. in *CLEO: QELS Fundamental Science 2018*., JTU2A.134, OSA, CONFERENCE ON LASERS AND ELECTRO-OPTICS, 1/01/00. https://doi.org/10.1364/CLEO_AT.2018.JTU2A.134

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

Kotilainen, S, Hedman, M & Heikkinen, J (eds) 2015, *Joustavat asuinympäristöt: 10 visiota aikaa kestävään kaupunkiasumiseen*. Housing Design, Tampereen teknillinen yliopisto. Arkkitehtuurin laitos, Tampere.

Kotilainen, S 2015, Matkalla joustaviin asuinympäristöihin. in *Joustavat asuinympäristöt: 10 visiota aikaa kestävään kaupunkiasumiseen*. vol. 16, 1, Housing Design, vol. 16, Tampereen teknillinen yliopisto. Arkkitehtuurin laitos, Tampere, pp. 10-13.

Kouhia, R, Holopainen, S, Ottosen, NS, Matti, R & Saksala, T 2016, 'A unified lcf-hcf model based on continuum mechanics' Paper presented at Nordic Seminar on Computational Mechanics, 1/01/00, .

Kovalainen, V & Kylliäinen, M 2015, Menetelmä parvekelasien ääneneristävyyden mitoittamiseksi liikennemelualueilla. in *Rakennusfysiikka 2015*. Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, pp. 617-622, Rakennusfysiikka, 1/01/00.

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

Kraft, T, Cristoferi, C, Trigaud, T, Nunzi, J-M & Ratier, B 2014, The Parallel Diode and Trap Behaviour of Ternary Polymer Solar Cells. in *EU PVSEC Proceedings*. vol. EU PVSEC 2014, 3BV.5.23, EU PVSEC, 29th European Photovoltaic and Solar Energy Conference and Exhibition, Amsterdam, Netherlands, 22/09/14.

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

Kriesi, C, Steinert, M, Aalto-Setälä, L, Anvik, A, Balters, S, Baracchi, A, Jensen, BM, Bjorkli, LE, Buzzaccaro, N, Cortesi, D, D'Onghia, F, Dosi, C, Franchini, G, Fuchs, M, Gerstenberg, A, Hansen, E, Hiekkänen, KM, Hyde, D, Ituarte, I, Kalasniemi, J, Kurikka, J, Lanza, I, Laurila, A, Lee, TH, Lonvik, S, Mansikka-Aho, A, Nordberg, M, Oinonen, P, Pedrelli, L, Pekuri, A, Rane, E, Reime, T, Repokari, L, Ronningen, M, Rowlands, S, Sjoman, H, Slattsveen, K, Strachan, A, Stromstad, K, Suren, S, Tapio, P, Utriainen, T, Vignoli, M, Vijaykumar, S, Welo, T & Wulvik, A 2015, Distributed Experiments in Design Sciences, a Next Step in Design Observation Studies? in C Weber, S Husung, M Cantamessa, G Cascini, D Marjanovic & S Venkataraman (eds), *DS 80-2 Proceedings of the 20th International Conference on Engineering Design (ICED 15) Vol 2: Design Theory and Research Methodology Design Processes*. International Conference on Engineering Design, DESIGN SOC, International Conference on Engineering Design, 1/01/00.

Krogerus, T, Hyvönen, M, Backas, J & Huhtala, K 2015, Anomaly Detection and Diagnostics of a Wheel Loader Using Dynamic Mathematical Model and Joint Probability Distributions. in *Proceedings of the Fourteenth Scandinavian International Conference on Fluid Power, SICFP15. May 20-22, 2015. Tampere, Finland*. The Scandinavian International Conference on Fluid Power, Tampere University of Technology. Department of Intelligent Hydraulics and Automation, Scandinavian International Conference on Fluid Power, 1/01/00.

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

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

Kunwar, P, Hassinen, J, Bautista, G, Ras, RHA & Toivonen, J 2015, Fabrication of Fluorescent Silver Nanoclusters-based Micro-Label in Polymers. in *The European Conference on Lasers and Electro-Optics 2015.*, CM_P_5, European Conference on Lasers and Electro-Optics Europe and International Quantum Electronics Conference, OSA, European Conference on Lasers and Electro-Optics and the European Quantum Electronics Conference, 1/01/00.

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

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

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

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

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

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

Kuuluvainen, H, Saari, S, Mensah-Attipoe, J, Pasanen, P, Reponen, T & Keskinen, J 2015, Triboelectric charging of fungal spores during resuspension and rebound. in *EAC 2015, European Aerosol Conference, 6-11 September, 2015, Milan, Italy*. European Aerosol Conference, 1/01/00.

Kuuluvainen, H, Karjalainen, P, Saukko, E, Nousiainen, P, Karhu, T, Pirjola, L, Keskinen, J & Rönkkö, T 2015, Diesel engine exhaust particle measurements using a particle size magnifier (PSM). in *EAC 2015, European Aerosol Conference, 6-11 September, 2015, Milan, Italy*. European Aerosol Conference, 1/01/00.

Kuuluvainen, H, Karjalainen, P, Saukko, E, Nilsson, O, Sirviö, K, Ovaska, T, Niemi, S, Keskinen, J & Rönkkö, T 2015, Different types of non-volatile nanoparticles in off-road diesel engine exhaust. in *EAC 2015, European Aerosol Conference, 6-11 September, 2015, Milan, Italy*. European Aerosol Conference, 1/01/00.

Kuuluvainen, H, Faxon, C, Psichoudaki, M, Thomson, ES, Eriksson, A, Kristensson, A, Svenningsson, B, Mellqvist, J, Salo, K & Hallquist, M 2015, Measurements of particulates and gas phase precursors emissions from fresh ship plumes during the Big Glenn 2014 Campaign. in *EAC 2015, European Aerosol Conference, 6-11 September, 2015, Milan, Italy*. European Aerosol Conference, 1/01/00.

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

Kylliäinen, M, Oliva, D, Rekola, L & Hongisto, V 2015, Asuinhuoneistojen betoniväli-pohjien askelääneneristykseen subjektiivinen ja objektiivinen arviointi. in *Akustiikkapäivät 2015*. Akustiikkapäivät, Akustinen seura, Kuopio, pp. 204-207, Akustiikkapäivät, 1/01/00.

Kylliäinen, M, Takala, J & Hongisto, V 2015, Ilmaääneneristysluku sekä standardisoitu ja normalisoitu äänitasoeroluku huoneistojen välisen ilmaääneneristävyyden kuvaajina. in *Akustiikkapäivät 2015*. Akustiikkapäivät, Akustinen seura, Kuopio, pp. 158-161, Akustiikkapäivät, 1/01/00.

Kylliäinen, M, Niemi, H, Jäppinen, J & Lindqvist, M 2015, Engelin teatterin huoneakustiikan mallintaminen. in *Akustiikkapäivät 2015*. Akustiikkapäivät, Akustinen seura, pp. 145-150, Akustiikkapäivät, 1/01/00.

Kylliäinen, M 2015, Rakenteiden ääneneristyskyvystä asumismelun kokemiseen. in *Rakentajain Kalenteri*. Rakennustieto Oy, Helsinki, pp. 92-96.

Kymäläinen, T, Sahar, F & Palviainen, J 2014, White Knights of the Smart City. in JC Augusto & T Zhang (eds), *Workshop Proceedings of the 10th International Conference on Intelligent Environments*. Ambient Intelligence and Smart Environments, vol. 18, IOS Press, pp. 223-234, International Conference on Intelligent Environments Workshops, 1/01/00 . <https://doi.org/10.3233/978-1-61499-411-4-223>

Laak, M & Del Barrio Batista, J (eds) 2014, *Kohti kestäväää Skanssia*. Tampereen teknillinen yliopisto. Arkkitehtuurin laitos.

Laak, M & Del Barrio Batista, J (eds) 2014, *Towards a sustainable Skanssi*. Tampere University of Technology, School of Architecture.

Laak, M (ed.) 2014, *Orimattilan Henna*. Tampereen teknillinen yliopisto. Arkkitehtuurin laitos.

Laamanen, A & Huhtala, K (eds) 2015, *The Fourteenth Scandinavian International Conference on Fluid Power, SICFP15: Proceedings*. Scandinavian International Conference on Fluid Power (SICFP), Tampere University of Technology. Department of Intelligent Hydraulics and Automation.

Laamanen, A & Huhtala, K (eds) 2015, *The Fourteenth Scandinavian International Conference on Fluid Power, SICFP15: Abstracts*. Tampere University of Technology, Department of Intelligent Hydraulics and Automation.

Lahdelma, I 2014, *Lahdelma & Mahlamäki Architects: Works*. Rakennustieto.

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

Lahti, J, Lavonen, J, Lahtinen, K, Johansson, P, Seppänen, T & Cameron, DC 2016, Improved properties for packaging materials by nanoscale surface modification and ALD barrier coating. in *TAPPI International Conference on Nanotechnology for Renewable Materials 2016*. vol. 2, TAPPI Press, pp. 684-706, TAPPI International Conference on Nanotechnology for Renewable Materials, 1/01/00.

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

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

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

Laine, T, Suomala, P & Saukkonen, N 2015, Engaging facts and feelings in management accounting practices. in *IFKAD 2015 : 10th International Forum on Knowledge Asset Dynamics, Bari, Italy, June 10th-12th*. International forum on knowledge asset dynamics, Institute of Knowledge Asset Management & Arts for Business Institute, Italy, International Forum on Knowledge Asset Dynamics, 1/01/00.

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

Laitinen, J & Niemi, A 2015, Analysis of the aircraft operational reliability research series: From statistical models to avionics data monitoring. in *Proceedings of the 9th World congress on engineering asset management (WCEAM 2014), Pretoria, South Africa 28-31 Oct, 2014*. World Congress on Engineering Asset Management, 1/01/00.

Laitinen, A, Santa-aho, S, Lukinmaa, H, Suominen, L & Vippola, M 2017, Barkhausen noise Potcore sensor simulations with Comsol. in *12th International Conference on Barkhausen Noise and Micromagnetic Testing*. ICBM, pp. 97-107, INTERNATIONAL CONFERENCE ON BARKHAUSEN NOISE AND MICROMAGNETIC TESTING, 1/01/00.

Lampio, K & Karvinen, R 2015, A new method to calculate natural convection heat transfer from a non-isothermal fin array . in D Neshumayev & B Sunden (eds), *Proceedings of the 7th Baltic Heat Transfer Conference, August 24-26 2015, Tallinn Estonia*. Baltic Heat Transfer Conference BHTC, Tallinn University of Technology, Tallinn, Baltic Heat Transfer Conference, 1/01/00.

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

Länsivaara, T 2015, Varmuuden kohdentaminen geotekniikassa, miten Eurokoodeja voisi kehittää? in *Geotekniikan päivä 2015*. SGY, Geotekniikan päivä, Finland, 7/12/98.

Lappalainen, K & Valkealahti, S 2015, Recognition of shading events caused by moving clouds and determination of shadow velocity from solar radiation measurements. in *31st European Photovoltaic Solar Energy Conference and Exhibition (31st EU PVSEC), 14– 18 September, 2015, Hamburg, Germany* . pp. 1568-1573, European Photovoltaic Solar Energy Conference, 1/01/14. <https://doi.org/10.4229/EUPVSEC20152015-5AO.7.5>

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

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

Latvanne, P & Kylliäinen, M 2015, Puuvälipohjien akustiset ominaisuudet. in *Rakennusfysiikka 2015*. Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, pp. 567-572, Rakennusfysiikka, 1/01/00.

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

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

Laukkarinen, T 2015, *Abstracting Application Development for Resource Constrained Wireless Sensor Networks*. Tampere University of Technology. Publication, vol. 1306, Tampere University of Technology, Tampere.

Laukkarinen, A & Hilliaho, K 2015, Lasitetun parvekkeen lämpötilan ja lämpöhäviöiden laskenta. in J Vinha & T Ruuska (eds), *Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere*. Rakennustekniikan laitos. Rakennetekniikka. Seminaarijulkaisu, no. 4, Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, pp. 181-186, Rakennusfysiikka, 1/01/00.

Laukkarinen, A, Heiskanen, R & Vinha, J 2017, Maanvastaisten seinien lämpö- ja kosteustekninen toiminta. in J Vinha & H Kivioja (eds), *Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 24.-26.10.2017, Tampere*. vol. 1, Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka., Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, Tampere, pp. 71-76, Rakennusfysiikka, 1/01/09.

Laukkarinen, A, Musakka, S, Penttilä, O, Teriö, O & Vinha, J 2017, Puukerrostalon työmaavaiheen lämpö- ja kosteusolosuhteiden mittaukset. in J Vinha & H Kivioja (eds), *Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 24.-26.10.2017, Tampere*. vol. 1, Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka., Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, Tampere, pp. 167-172, Rakennusfysiikka, 1/01/09.

Lau Sarmiento, A, Bartholomeus, H, Herold, M, Martius, C, Malhi, Y, Patrick Bentley, L, Shenkin, A & Raumonon, P 2015, Application of terrestrial LiDAR and modelling of tree branching structure for plant- scaling models in tropical forest trees. in *Proceedings of SilviLaser 2015: 14th conference on Lidar Applications for Assessing and Managing Forest Ecosystems*. pp. 96-98, SilviLaser 2015: 14th conference on Lidar Applications for Assessing and Managing Forest Ecosystems, La Grande Motte, France, 28/09/15.

Ledentsov, NN, Shchukin, VA, Lyytikäinen, J, Okhotnikov, O, Cherkashin, NA, Shernyakov, YM, Payusov, AS, Gordeev, NY, Maximov, MV, Schlichting, S, Nippert, F & Hoffmann, A 2015, Green (In,Ga,Al)P-GaP light-emitting diodes grown on high-index GaAs surfaces. in *Proceedings of SPIE: Light-Emitting Diodes: Materials, Devices, and Applications for Solid State Lighting XIX*. vol. 9383, 93830E, SPIE, Light-Emitting Diodes: Materials, Devices, and Applications for Solid State Lighting XIX, San Francisco, United States, 10/02/15. <https://doi.org/10.1117/12.2083953>

Lehtonen, V & Länsivaara, T 2016, Back-calculation of the Saint-Alban A test embankment with a new modelling approach in LEM. in *Proceedings of the The 17th Nordic Geotechnical Meeting, Reykjavik Iceland: 25th - 28th of May 2016*. pp. 691-699, NORDIC GEOTECHNICAL MEETING, 1/01/00.

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

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

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

Leinonen, T, Penttinen, JP, Korpjärvi, VM, Kantola, E & Guina, M 2015, >8W GaInNAs VECSEL emitting at 615 nm. in *Proceedings of SPIE: Vertical External Cavity Surface Emitting Lasers (VECSELs) V*. vol. 9349, 934909, SPIE, Vertical External Cavity Surface Emitting Lasers, United Kingdom, 1/01/15. <https://doi.org/10.1117/12.2079162>

Leivo, V, Turunen, M, Aaltonen, A, Kiviste, M, Pekkonen, M & Haverinen-Shaughnessy, U 2015, Rakennusten energiatehokkuuden parantamisen vaikutukset - Insulate-projektin tuloksia. in *Rakennusfysiikka 2015: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut, 20.-22.10.2015, Tampere*. Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, pp. 369-380, Rakennusfysiikka, 1/01/00.

Leivo, V, Kiviste, M, Aaltonen, A, Turunen, M & Haverinen-Shaughnessy, U 2015, 'Air pressure difference between indoor and outdoor or staircase in multi-family buildings with exhaust ventilation system in Finland', *Energy Procedia*, vol. 78C, 78C, pp. 1218-1223. <https://doi.org/10.1016/j.egypro.2015.11.188>

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

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

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

Lepistö, T (ed.) 2014, *Life Beyond the Binary Code: Select Prose and Poetry*. Tampere University of Technology, Language Center.

Leppänen, A, Välimäki, E & Oksanen, A 2015, Simulation of ash-forming compounds in the kraft recovery boiler. in *10th European Conference on Industrial Furnaces and Boilers*. Porto, Portugal, European conference on industrial furnaces and boilers, 1/01/00.

Leppänen, M 2014, Two patterns for minimizing human resources in a startup. in *VikingPLoP 2014 Proceedings of the 8th Nordic Conference on Pattern Languages of Programs (VikingPLoP)* ., 4, ACM, Nordic Conference on Pattern Languages of Programs, 1/01/00. <https://doi.org/10.1145/2676680.2676686>

Leppänen, A & Välimäki, E 2015, Improving Recovery Boiler Availability through Understanding Fume Behavior. in *TAPPI PEERS Conference Proceedings, October 25-28, 2015*. TAPPI, Atlanta, Georgia, TAPPI PEERS Conference, 1/01/00.

Leppänen, M, Välisalo, T (ed.) & Laasonen, J 2014, Liite 6: Yleistä kaivannaisjätealueista ja patoturvallisuudesta. in *Kaivosten stressitestit 2013*. Ympäristöministeriön raportteja, Ympäristöministeriö.

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

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

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

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

Lilja, K 2015, Jossakin vuoti öljy, muualla tihkuivat tiedot - etiikka katoavien rajojen ja suurten skandaalien aikakaudella. in *Silmät auki It-etiikkaan*. Eduskunnan tulevaisuusvaliokunnan julkaisu, no. 12, EDUSKUNNAN TULEVAISUUSVALIOKUNTA, pp. 85-101.

Linjama, M, Siivonen, L & Huova, M 2015, Numerically Efficient Flow Model for On/Off Valves. in R Scheidl, B Winkler & H Kogler (eds), *Proceedings of the Seventh Workshop on Digital Fluid Power*. LCM GmbH, Linz, Austria, pp. 164-172, Workshop on Digital Fluid Power, 1/01/00.

Linjama, M, Huova, M, Pietola, M, Juhala, J & Huhtala, K 2015, Hydraulic Hybrid Actuator: Theoretical Aspects and Solution Alternatives. in A Laamanen, K Huhtala & J Uusi-Heikkilä (eds), *Proceedings of the Fourteenth Scandinavian International Conference on Fluid Power*. Tampere University of Technology, Tampere, Scandinavian International Conference on Fluid Power, 1/01/00.

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

Lobov, A 2015, On service composition - dynamic formation and orchestration of service workflows. in S Strzelczak, P Balda, M Garetti & A Lobov (eds), *Open Knowledge-Driven Manufacturing and Logistics - The eScop Approach*. Warsaw University of Technology Publishing House, pp. 311-319.

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

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

Loukola-Ruskeeniemi, K (ed.), Lonka, H (ed.), Ehrukainen, E, Gustafsson, J, Honkanen, M, Härmä, P, Jauhiainen, P, Kuula, P, Nenonen, K, Pellinen, T, Rintala, J, Selonen, O, Martikainen, M & Aalto, M 2015, *Kiviaines- ja luonnonkiviteollisuuden kehitysnäkymät*. Työ- ja elinkeinoministeriön julkaisuja, no. 54, vol. 2015, Työ- ja elinkeinoministeriö, Helsinki.

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

Ma, S, Ukkonen, L, Sydänheimo, L & Björninen, T 2017, Wearable e-textile split ring passive UHF RFID tag: Body-worn performance evaluation. in *2017 IEEE Asia Pacific Microwave Conference (APMC)*. IEEE, ASIA-PACIFIC MICROWAVE CONFERENCE, 1/01/00.

Ma, S, Pournoori, N, Sydänheimo, L, Ukkonen, L, Björninen, T & Georgiadis, A 2019, A Batteryless Semi-Passive RFID Sensor Platform. in *2019 IEEE International Conference on RFID Technology and Applications (RFID-TA)*. IEEE, pp. 171-173, IEEE International Conference on RFID Technology and Applications, 1/01/00. <https://doi.org/10.1109/RFID-TA.2019.8892176>

Machado, M, Verghese, G & Peltola, T 2014, Massive Open Online Research: An approach to deal with wicked problems. in *PICMET 14 Conference, Portland International Center for Management of Engineering and Technology: Infrastructure and Service Integration.*, 6921178, The Institute of Electrical and Electronics Engineers, Inc., Portland, pp. 236-242, Portland International Conference on Management of Engineering and Technology, 1/01/00.

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

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

Mäenpää, S & Breite, R 2015, Social capital in hybrid governance - Case study in a global subcontracting process. in *Proceedings of the 24th Annual IPSERA Conference Preparing for new competitive challenges, March 29-April 1, Amsterdam, the Netherlands*. IPSERA, Annual International Purchasing and Supply Education and Research Association Conference, 1/01/00.

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

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

Majanne, Y, Korpela, T, Judl, J, Koskela, S, Laukkanen, V, Häyrynen, A & Salminen, O 2015, Voimalaitosten reaaliaikainen ympäristövaikutusten monitorointi. in S-L Jämsä-Jounela (ed.), *Automaatio XXI seminaari*. SAS julkaisusarja, no. 44, Suomen Automaatioseura, pp. 1-6, Automaatioseminaari, Finland, 1/01/80.

Majuri, M & Lanz, M 2018, Social capital characteristics in RD project networks. in *2018 Portland International Conference on Management of Engineering and Technology (PICMET)*., 8481775, IEEE, Portland International Conference on Management of Engineering and Technology, 1/01/00. <https://doi.org/10.23919/PICMET.2018.8481775>

Mäkelä, A-M, Ali-Löytty, S, Humaloja, J-P, Joutsenlahti, J, Kauhanen, J & Kaarakka, T 2016, STACK assignments in university mathematics education. in *Proceedings of the 44th SEFI Conference, 12 - 15 September 2016, Tampere, Finland*. European Society for Engineering Education SEFI, Annual Conference of the European Society for Engineering Education, 1/01/00.

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

Mäkinen, SJ 2015, Internet-of-things disrupting business ecosystems: A case in home automation. in *IEEM 2014: 2014 IEEE International Conference on Industrial Engineering and Engineering Management*. IEEE COMPUTER SOCIETY PRESS, pp. 1467-1470, IEEE International Conference on Industrial Engineering and Engineering Management, 1/01/00. <https://doi.org/10.1109/IEEM.2014.7058882>

Mäkinen, SJ, Dedehayir, O & Ortt, R 2015, Exploring effects of ecosystem clockspeed on product performance. in *IEEE International Conference on Industrial Engineering and Engineering Management*. vol. 2015-January, 7058880, IEEE COMPUTER SOCIETY PRESS, pp. 1457-1461, IEEE International Conference on Industrial Engineering and Engineering Management, 1/01/00. <https://doi.org/10.1109/IEEM.2014.7058880>

Mäkitalo, J 2015, *Boundary Integral Operators in Linear and Second-order Nonlinear Nano-optics*. Tampere University of Technology. Publication, vol. 1297, Tampere University of Technology.

Mäkitalo-Keinonen, T & Aarikka-Stenroos, L 2015, Examining Innovation Barriers along Innovation Process in Multi-Industry Hygiene-Technology Network. in *The Proceedings of the XXVI ISPIM Conference 2015 Budapest, Hungary*. International Society for Professional Innovation Management ISPIM, Denmark, International Society for Professional Innovation Management's Innovation Conference, 1/01/00.

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

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

Mardoukhi, A, Saksala, T, Hokka, M & Kuukkala, V-T 2015, An experimental and numerical study of the dynamic Brazilian disc test on Kuru granite. in *Proceedings of the XII Finnish Mechanics Day*. pp. 210-215, Finnish Mechanics Days, 1/01/00

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

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

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

Markopoulos, E & Vanharanta, H 2015, The Company Democracy Model for the Development of Intellectual Human Capitalism for Shared Value. in *6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015) and the Affiliated Conferences, AHFE 2015*. Procedia Manufacturing, vol. 3, Elsevier, pp. 603-610, International Conference on Applied Human Factors and Ergonomics, 1/01/00. <https://doi.org/10.1016/j.promfg.2015.07.277>

Markopoulos, E & Vanharanta, H 2015, The World Innovation Stock Exchange- shared value for individuals, business and society. in *6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015) and the Affiliated Conferences, AHFE 2015*. Procedia Manufacturing, vol. 3, Elsevier, pp. 595-602, International Conference on Applied Human Factors and Ergonomics, 1/01/00. <https://doi.org/10.1016/j.promfg.2015.07.275>

Martinsuo, M & Arvio, I 2015, Decision making on sustainability in product development projects. in *15th Annual Conference of EURAM European Academy of Management: EURAM 2015*. European Academy of Management, EURAM, Warsaw, European academy of management annual conference, 1/01/00.

Martinsuo, M, Kivilä, J & Heikkilä, J 2015, Creating sustainable value in manufacturing operations: the role of an external service provider. in *22nd EurOMA Conference: Operations management for sustainable competitiveness*. European Operations Management Association, Switzerland, International Annual European Operations Management Association Conference, 1/01/00.

Martinsuo, M, Ahvenniemi, O & Vaittinen, E 2015, Changes in operations when introducing disruptive technologies. in *22nd EurOMA Conference: Operations management for sustainable competitiveness*. European Operations Management Association, Switzerland, International Annual European Operations Management Association Conference, 1/01/00.

Martinsuo, M, Sukanen, I & Kivilä, J 2015, Defining product end-of-life strategies in new product development. in *23rd Nordic Academy of Management Conference NFF 2015- Business in society: NFF 2015*. Nordic Academy of Management, Nordic Academy of Management Conference, 1/01/00.

Martinsuo, M & Momeni, K 2015, Customized service solutions for project business. in *23rd Nordic Academy of Management Conference 2015*. Nordic Academy of Management, Nordic Academy of Management Conference, 1/01/00.

Martinsuo, M & Vuorinen, L 2015, Project control toward lifecycle value at the front end of delivery projects. in *23rd Nordic Academy of Management Conference : NFF 2015*. Nordic Academy of Management, Nordic Academy of Management Conference, 1/01/00.

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

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

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

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

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

Marttila, T, Suonketo, J, Kero, P, Annila, P & Pentti, M 2015, Valtion tukemien homekorjaushankkeiden arviointi (HKPro 2) . in J Säteri & M Ahola (eds), *Sisäilmastoseminaari 2015 SIY Raportti 33, Messukeskus, Helsinki 11.3.2015: Sisäilmastoseminaari*. vol. Sisäilmayhdistys raportti 33, Juva, pp. 101-106, Sisäilmastoseminaari, 1/01/00.

Marttila, T, Suonketo, J, Kero, P & Annila, P 2015, Onnistumistekijät valtion tukemissa homekorjaushankkeissa. in J Vinha & T Ruuska (eds), *Rakennusfysiikka 2015: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut, 20-22.10.2015, Tampere*. vol. 4, 152, Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, Tampere, pp. 253-258, Rakennusfysiikka, 1/01/00.

Marttila, T, Annila, P, Kero, P, Suonketo, J, Heino, S & Pentti, M 2015, *HKPro3 - Valtion tukemien homekorjaushankkeiden arviointi: Jatkotutkimus*. Tampereen teknillinen yliopisto. Rakennustekniikan laitos. Rakennetekniikka; Tutkimusraportti, vol. 163, Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennustekniikka.

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

Mateos, X, Loiko, P, Lamrini, S, Scholle, K, Fuhrberg, P, Suomalainen, S, Härkönen, A, Guina, M, Vatik, S, Vedin, I, Aguiló, M, Díaz, F, Wang, Y, Griebner, U & Petrov, V 2018, Highly-efficient Ho:KY(WO₄)₂ thin-disk lasers at 2.06 μm. in *Pacific-Rim Laser Damage 2018: Optical Materials for High-Power Lasers.*, 107130J, Proceedings of SPIE, vol. 10713, SPIE, IEEE, Pacific-Rim Laser Damage, Yokohama, Japan, 24/04/18. <https://doi.org/10.1117/12.2316822>

Matikainen, V, Koivuluoto, H, Milanti, A & Vuoristo, P 2015, 'Advanced coatings by novel high-kinetic thermal spray processes', *Materia*, vol. 73, no. 1, pp. 46-50.

Matikainen, V, Bolelli, G, Koivuluoto, H, Sassatelli, P, Lusvarghi, L & Vuoristo, P 2016, High-temperature sliding wear behaviour of thermally sprayed Cr₃C₂-based coatings. in *Proceedings of The 17th Nordic Symposium on Tribology - NORDTRIB 2016*. NORDIC SYMPOSIUM ON TRIBOLOGY, 1/01/00.

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

Mela, K & Heinisuo, M 2014, Economical utilization of high strength steel: Welded slim floor box beams. in *Eurosteel 2014 7th European conference on steel and composite structures*. European Conference on Steel and Composite Structures, 1/01/00.

Mela, K, Alinikula, M, Tiainen, T, Heinisuo, M & Sorsa, I 2015, Suunnittelutyökalu putkiristikoiden mitoitukseen ja optimointiin. in *Proceedings of the XII Finnish Mechanics Days. Suomen XII Mekaniikkapäivien esitelmät*. Rakenteiden Mekaniikan Seura ry, pp. 136-141, Finnish Mechanics Days, 1/01/00.

Melin, J & Ritala, R 2015, Novel Method For Online Stereo Self-Calibration. in *XXI IMEKO World Congress "Measurements In Research and Industry"*. IMEKO World Congress, 1/01/00.

Mendes, MR, Subramaniyam, NP & Wendel-Mitoraj, K 2015, Evaluating the electrode measurement sensitivity of subdermal electroencephalography electrodes. in *International IEEE/EMBS Conference on Neural Engineering, NER*. vol. 2015-July, IEEE COMPUTER SOCIETY PRESS, pp. 1092-1095, International IEEE/EMBS Conference on Neural Engineering, 1/01/00. <https://doi.org/10.1109/NER.2015.7146818>

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

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

Merilampi, S, Ihanakangas, V & Virkki, J 2019, User-driven development with scientific applied research - RFID-controlled physiogame case study. in *2019 IEEE International Conference on RFID Technology and Applications (RFID-TA)*. IEEE, pp. 167-170, IEEE International Conference on RFID Technology and Applications, 1/01/00. <https://doi.org/10.1109/RFID-TA.2019.8892150>

Messo, T, Aapro, A & Suntio, T 2015, Generalized multivariable small-signal model of three-phase grid-connected inverter in DQ-domain. in *IEEE 16th Workshop on Control and Modeling for Power Electronics (COMPEL)*. IEEE, IEEE Workshop on Control and Modeling for Power Electronics, 1/01/00. <https://doi.org/10.1109/COMPEL.2015.7236460>

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

Messo, T, Roinila, T, Aapro, A & Luhtala, R 2019, 'Accurate impedance model of grid-connected inverter for small-signal stability assessment in high-impedance grid', *IEEJ JOURNAL OF INDUSTRY APPLICATIONS*, vol. 8, no. 3, 3. <https://doi.org/10.23919/IPEC.2018.8507573>

Metsäpuro, P, Vaismaa, K, Karhula, K, Luukkonen, T, Mäntynen, J & Rantala, T 2014, *Vaihdetta isommalle: Pyöräilyn potentiaalin hyödyntäminen*. Tampereen teknillinen yliopisto. Liikenteen tutkimuskeskus Verne., Tampere.

Mettänen, M, Melin, J & Ihalainen, H 2015, Photometric stereo system for detailed analysis of material surfaces. in *IMEKO XXI World Congress, Measurement in Research and Industry, Proceedings, August 30 - September 4, 2015, Prague, Czech Republic*. IMEKO World Congress, 1/01/00.

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

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