

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. julkaisussa *Optical Interconnects XVI.*, 97530D, Proceedings of SPIE, Vuosikerta. 9753, SPIE, 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. julkaisussa *9th International Conference on Power Electronics and ECCE Asia (ICPE-ECCE Asia)*. Sivut 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. julkaisussa *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. julkaisussa P Vagn Freytag & A Højbjerg Clarke (toim), *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. julkaisussa *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. julkaisussa *XXVII ISPIM Innovation Conference 2016: Porto, 19-22 June, 2016*. Sivut 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. julkaisussa *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.

Aarikka-Stenroos, L & Ranta, V 2019, Business catalysts for the Circular Economy innovations. julkaisussa *Proceedings of The XXX ISPIM INNOVATION CONFERENCE - Celebrating Innovation - 500 Years Since Da Vinci : 16-19 June 2019 - Florence, Italy*. International Society for Professional Innovation Management ISPIM, 30/01/18.

Aarikka-Stenroos, L, Ranta, V & Welanthantri, M 2020, Exploring customer value of Circular Economy innovations and solutions. julkaisussa LUTSAEP (Toimittaja), *The 31st ISPIM Conference: Innovating in Times of Crisis.: 7-10 June 2020 - Virtual Event*. International Society for Professional Innovation Management ISPIM, 7/06/20.

Abdallah, Z, Stefszky, M, Ulvila, V, Silberhorn, C & Vainio, M 2019, Frequency Comb Generation in a Continuous-Wave Pumped Second-Order Nonlinear Waveguide Resonator. julkaisussa *2019 Conference on Lasers and Electro-Optics, CLEO 2019 - Proceedings*. IEEE, San Jose, Yhdysvallat, 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. julkaisussa *Proceeding of the XII Finnish Mechanics Days*. Rakenteiden Mekaniikan Seura ry, Sivut 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. julkaisussa *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*, Vuosikerta. 9, Nro 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. julkaisussa *Proceedings of the Detection and Classification of Acoustic Scenes and Events 2016 Workshop (DCASE2016)*. Tampere University of Technology. Department of Signal Processing, Sivut 6-10, 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. julkaisussa *The Proceedings of the 27th International Conference on Information Modelling and Knowledge Bases, EJC 2017: June 5-9, 2017, Krabi, Thailand*. Sivut 332-353, 1/01/00.

Ahmed, S, Musfequr Rehman, SM, Ukkonen, L & Björninen, T 2018, Glove-integrated slotted patch antenna for wearable UHF RFID reader. julkaisussa *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. julkaisussa *2019 IEEE International Conference on RFID Technology and Applications (RFID-TA)*. IEEE, Sivut 231-235, 1/01/00. <https://doi.org/10.1109/RFID-TA.2019.8892251>

Ahmed, S, Sydänheimo, L, Ukkonen, L & Björninen, T 2019, Impact of anatomical variability on the wireless power transfer to intra-abdominal implants. julkaisussa *Proceedings of the 2019 IEEE Asia-Pacific Microwave Conference, APMC 2019*. IEEE, Sivut 578-580, Singapore, Singapore, 10/12/19. <https://doi.org/10.1109/APMC46564.2019.9038614>

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

Ahola, T & Martinsuo, M 2019, The circular economy of projects. julkaisussa *European Academy of Management Conference EURAM 2019: 26-28 June 2019, Lisbon, Portugal*. European academy of management annual conference, EURAM, 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. julkaisussa *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, Sivut 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. julkaisussa *VISIGRAPP 2018 - Proceedings of the 13th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications*. Vuosikerta. 4, SCITEPRESS, Sivut 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. julkaisussa A Kerren, C Hurter & J Braz (toim), *VISIGRAPP 2019 - Proceedings of the 14th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications*. SCITEPRESS, Sivut 561-568, Prague, Tshekki, 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. julkaisussa *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, Sivut 715-725, CIB WORLD BUILDING CONGRESS, 1/01/00.

Ala-Maakala, M & Liimatainen, H 2016, Customer value management framework for supply chains. julkaisussa K Pawar (Toimittaja), *The proceedings of 21st international symposium on logistics (ISL 2016): Sustainable transport and supply chain innovation, Kaohsiung, Taiwan 3-6 July 2016*. Sivut 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. julkaisussa I Oshri, J Kotlarsky & L Willcocks (toim), *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, Vuosikerta. 236, Springer Verlag, Germany, Sivut 124-140, Iso-Britannia, 3/12/12. [https://doi.org/10.1007/978-3-319-26739-5\\_7](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. julkaisussa *9th Global Sourcing Workshop 2015: La Thuile, Italy, February 18-21, 2015.*, Iso-Britannia, 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. julkaisussa *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. julkaisussa *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. julkaisussa *Proceedings - 2016 4th International Conference on Future Internet of Things and Cloud Workshops, W-FiCloud 2016*. Institute of Electrical and Electronics Engineers Inc., Sivut 7-14, Vienna, Itävalta, 22/08/16. <https://doi.org/10.1109/W-FiCloud.2016.19>

Aleshkina, SS, Lipatov, DS, Velmiskin, VV, Kochergina, TA, Fedotov, A, Gumenyuk, R, Kotov, LV, Temyanko, VL, Bubnov, MM, Guryanov, AN & Likhachev, ME 2020, All-fiber mode-locked laser at 0.98  $\mu\text{m}$ . julkaisussa L Dong (Toimittaja), *Fiber Lasers XVII: Technology and Systems*. Proceedings of SPIE, Vuosikerta. 11260, SPIE, Sivut 184 - 189, 1/02/20. <https://doi.org/10.1117/12.2542299>

Alexandru, R-C & Lohan, E-S 2015, 'Comparison of Detection Techniques for Multipath Propagation of Pseudolite Signals Used in Dense Industrial Environments', *Procedia Engineering*, Vuosikerta. 100, Nro C, Sivut 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. julkaisussa *26TH DAAAM International Symposium on Intelligent Manufacturing and Automation*. DAAAM International, Sivut 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*, Vuosikerta. 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. julkaisussa E De Maria, H Gamboa & A Fred (toim), *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, Sivut 226-233, Prague, Tshikki, 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. julkaisussa *Laser Science 2015: Proceedings Frontiers in Optics 2015.*, JT4A-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. julkaisussa *2015 European Conference on Lasers and Electro-Optics - European Quantum Electronics Conference: Proceedings*. Optical Society of America, Sivut 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. julkaisussa *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. julkaisussa *2014 IEEE 17th International Conference on Intelligent Transportation Systems (ITSC), 8-11 Oct. 2014, Qingdao*. IEEE, Sivut 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. julkaisussa M Massaro & A Garlatti (toim), *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, Sivut 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*, Vuosikerta. 4, Nro 3, 3, Sivut 54-68.

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

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

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

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

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

Aramo-Immonen, H, Hietaoja, H, Jussila, JJ & Ammirato, S 2015, Managing Cultural Knowledge in Project Execution. julkaisussa *10th International Forum on Knowledge Asset Dynamics, IFKAD 2015, Bari, Italy: Culture, Innovation and Entrepreneurship: connecting the knowledge dots*. Vuosikerta. 10, IKAM Centro Studi & Ricerche, Bary, Sivut 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. julkaisussa *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.... julkaisussa *12th International Forum on Knowledge Asset Dynamics: Knowledge Management in the 21th Century: Resilience, Creativity and Co-creation*. Vuosikerta. 12, Sivut 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. julkaisussa A Madaj & I Jankowiak (toim), *Archives of Institute of Civil Engineering: 3rd European Conference on Buried Flexible Steel Structures, Rydzyna, Poland, 24-25 April 2017*. 23 toim, Vuosikerta. 2017, Wydawnictwo Politechniki Poznanskiej, Poznan, Sivut 53-60, 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*, Vuosikerta. 10, Nro 4, Sivut 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. julkaisussa *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, Sivut 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*, Vuosikerta. 2, Nro 1, 2:42, Sivut 25-30. <https://doi.org/10.4081/fire.2018.42>

Balandin, S, Andreev, S & Koucheryavy, Y (toim) 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, Vuosikerta. 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. julkaisussa TE Simos, Z Kalogiratou & T Monovasilis (toim), *International Conference of Computational Methods in Sciences and Engineering 2014 (ICCMSE 2014)*. Vuosikerta. 1618, AIP Conference Proceedings, Vuosikerta. 1618, American Institute of Physics Inc., Sivut 119-120, International Conference of Computational Methods in Sciences and Engineering, Iso-Britannia, 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. julkaisussa *69th International Astronautical Congress, IAC 2018*. Proceedings of the International Astronautical Congress, IAC, Bremen, Saksa, 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*, Vuosikerta. 6, Nro 4, Sivut 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. julkaisussa *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. julkaisussa *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](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. julkaisussa *Distributed Computer and Communication Networks - 20th International Conference, DCCN 2017, Proceedings*. Communications in Computer and Information Science, Vuosikerta. 700, Springer Verlag, Sivut 1-12, INTERNATIONAL CONFERENCE ON DISTRIBUTED COMPUTER AND COMMUNICATIONS

NETWORKS, 1/01/00. [https://doi.org/10.1007/978-3-319-66836-9\\_1](https://doi.org/10.1007/978-3-319-66836-9_1)

Behailu, BM & Mattila, H 2016, Need of Services and Understanding of Service Providers in Water and Sanitation: A Case of Ethiopia. julkaisussa S Nenonen & J-M Junnonen (toim), *Proceedings of the CIB World Building Congress 2016 Volume IV: Understanding impacts and functioning of different solutions*. Tampere University of Technology, Sivut 431-440, CIB World Building Congress, 1/01/00.

Belahcen, A, Kouhia, R, Rasilo, P & Ristinmaa, M 2015, A model for anisotropic magnetostriction. julkaisussa *Proceedings of the XII Finnish Mechanics Days*. Rakenteiden Mekaniikan Seura ry, Sivut 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*, Vuosikerta. 21, Sivut 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. julkaisussa *Encyclopedia of E-Commerce Development, Implementation, and Management.*, 66, IGI Global, United States, Sivut 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. julkaisussa *2018 IEEE/ION Position, Location and Navigation Symposium, PLANS 2018*. IEEE, Sivut 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. julkaisussa *2015 IEEE European Modelling Symposium*. Sivut 359-366, 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*, Vuosikerta. 21, Sivut 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. julkaisussa *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, Sivut 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. julkaisussa *Proceedings of IEEE 2017 International Workshop on Antenna Technology*. IEEE, Sivut 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. julkaisussa *Paper Conference and Trade Show, PaperCon 2018*. TAPPI Press, Sivut 564-566, Charlotte, Yhdysvallat, 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. julkaisussa *Proceedings of SPIE: Vertical External Cavity Surface Emitting Lasers (VECSELs) VI*. Vuosikerta. 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. julkaisussa *2017 9th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT)*. IEEE, Sivut 143-147, 1/01/00. <https://doi.org/10.1109/ICUMT.2017.8255206>

Cabova, K, Liskova, N, Arha, T, Malaska, M, Alanen, M, Mela, K, Pajunen, S & Wald, F 2019, Temperature distribution of trapezoidal sheeting in fire. julkaisussa *Proceedings of Nordic Steel 2019: CE/papers Special Issue*. Vuosikerta. 3, 11.04, CE/papers, Wilhelm Ernst und Sohn, Sivut 665-670, 1/01/00.

Cakir, E & Virtanen, T 2017, Convolutional Recurrent Neural Networks for Rare Sound Event Detection. julkaisussa *Proceedings of the Detection and Classification of Acoustic Scenes and Events 2017 Workshop (DCASE2017)*. Tampere University of Technology. Laboratory of Signal Processing, Sivut 27-31, 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. julkaisussa *Proceedings of SilviLaser 2015: 14th conference on Lidar Applications for Assessing and Managing Forest Ecosystems*. Sivut 122-124, La Grande Motte, Ranska, 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. julkaisussa *Proceedings of SilviLaser 2015: 14th conference on Lidar Applications for Assessing and Managing Forest Ecosystems*. Sivut 197-199, INTERNATIONAL CONFERENCE ON LIDAR APPLICATIONS FOR ASSESSING FOREST ECOSYSTEMS, 1/01/00.

Camacho-Morales, R, Bautista, G, Zang, X, Xu, L, Turquet, L, Miroschnichenko, A, Lamprianidis, A, Rahmani, M, Neshev, DN & Kauranen, M 2018, Resonant harmonic generation in AlGaAs nanoantennas using cylindrical vector beams. julkaisussa *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](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. julkaisussa *7th International Conference on Materials for Advanced Technologies (ICMAT 2013)*, Jun 2013, Suntec, Singapore. INTERNATIONAL CONFERENCE ON MATERIALS FOR ADVANCED TECHNOLOGIES, 1/01/00.

Cashell, K, Malaska, M, Khan, M, Alanen, M & Mela, K 2019, Numerical analysis of the behaviour of stainless steel cellular beam in fire. julkaisussa *Proceedings of Nordic Steel 2019: CE/papers Special Issue*. Vuosikerta. 3, 18.01, CE/papers, Wilhelm Ernst und Sohn, Sivut 895-900, 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*, Vuosikerta. 3, Nro 1, 1700177. <https://doi.org/10.1002/admt.201700177>

Chapuis, Y, Demoly, F, Coatanéa, E & Gomes, S 2014, Product Upgradability: Towards a Medical Analogy. julkaisussa B Grabot, B Vallespir, S Gomes, A Bouras & D Kiritsis (toim), *ADVANCES IN PRODUCTION MANAGEMENT SYSTEMS: INNOVATIVE AND KNOWLEDGE-BASED PRODUCTION MANAGEMENT IN A GLOBAL-LOCAL WORLD, APMS 2014, PT III*. PART 3 toim, Vuosikerta. 440, IFIP Advances in Information and Communication Technology, Vuosikerta. 440, Springer-Verlag, Berlin, Sivut 148-155, Ranska, 20/09/14. [https://doi.org/10.1007/978-3-662-44733-8\\_19](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. julkaisussa *8th International Conference on ICT, Society and Human Beings 2015*. Sivut 11-18, ladis 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*, Vuosikerta. 13, Nro 1, Sivut 57-71.

Chen, Z, Dehmer, M, Emmert-Streib, F & Shi, Y 2015, 'Entropy of weighted graphs with Randić weights', *Entropy*, Vuosikerta. 17, Nro 6, Sivut 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. julkaisussa *2018 IEEE International Workshop on Antenna Technology, IWAT2018 - Proceedings*. IEEE, Sivut 1-4, 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. julkaisussa *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. julkaisussa *2018 23rd Conference of Open Innovations Association (FRUCT)*. IEEE, Sivut 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 Massaon, P & Mäkinen, S 2017, 'Editorial: Experiments in an Organisational Context', *CERN IdeaSquare Journal of Experimental Innovation*, Vuosikerta. 1, Nro 2. <https://doi.org/10.23726/cij.2017.684>

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

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

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

Chudoba, M 2015, 'Koteja ja kokonaistaideteoksia', *Arkkitehti*, Nro 3, Sivut 76-78.

Coatanea, E, Rynnänen, L, Calonijs, O, Mokammel, F & Riitahuhta, A 2015, 'Systematic Search and Ranking of Physical Contradictions Using Graph Theory Principles: Toward a Systematic Analysis of Design Strategies and their Impacts: TRIZ and Knowledge-Based Innovation in Science and Industry', *Procedia Engineering*, Vuosikerta. 131, Sivut 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. julkaisussa *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, Lonqvist, J & Toivonen, J 2015, Single micro-particle scattering detection based on Edge Filter Enhanced Self-Mixing Interferometry. julkaisussa *2015 European Conference on Lasers and Electro-Optics - European Quantum Electronics Conference*. Optical Society of America, Sivut 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. julkaisussa A Öörni, N Iivari, K Kuutti, H Oinas-Kukkonen & M Rajanen (toim), *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. julkaisussa *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. julkaisussa *23rd Saint Petersburg International Conference on Integrated Navigation Systems, ICINS 2016 - Proceedings*. State Research Center of the Russian Federation, Sivut 249-257, SAINT PETERSBURG INTERNATIONAL CONFERENCE ON INTEGRATED NAVIGATION SYSTEMS, 1/01/00.



Davidson, P & Merkulova, I 2016, Computer vision aided navigation systems. julkaisussa *23rd Saint Petersburg International Conference on Integrated Navigation Systems, ICINS 2016 - Proceedings*. State Research Center of the Russian Federation, Sivut 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. julkaisussa *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 (toim) 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), Vuosikerta. 9115, Vuosikerta. 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. julkaisussa *8th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT)*. IEEE, Sivut 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. julkaisussa *Proceedings of the 17th Nordic Geotechnical Meeting: Challenges in Nordic Geotechnic 25th-28th of May*. Icelandic Geotechnical Society, Reykjavik, Sivut 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. julkaisussa *Proceedings of the XVI ECSMGE 2015: 13-17 September 2015 - Edinburgh, Geotechnical Engineering for Infrastructure and Development*. ICE Publishing, Sivut 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. julkaisussa *The 17th Nordic Geotechnical Meeting: Conference proceedings*. Icelandic Geotechnical Society, Reykjavik, Sivut 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  $\text{AgMX}_2$  (M=In, Al; X=S, Se, Te)', *Computational Condensed Matter*, Vuosikerta. 21, e00391. <https://doi.org/10.1016/j.cocom.2019.e00391>

Dresler, C, Gollmer, DA, Bautista, G, Zang, X, Kern, DP, Kauranen, M & Fleischer, M 2019, Plasmonic mode conversion and second harmonic imaging of tilted plasmonic nanocones. julkaisussa *Proceedings of META 2019, The 10th International Conference on Metamaterials, Photonic Crystals and Plasmonics*. META proceedings, META Publishing, Sivut 356-357, INTERNATIONAL CONFERENCE ON METAMATERIALS, PHOTONIC CRYSTALS AND PLASMONICS, 1/01/00.

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. julkaisussa *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. julkaisussa *Information, Intelligence, Systems and Applications, IISA 2014, The 5th International Conference on*. IEEE, Sivut 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. julkaisussa *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. julkaisussa *Information, Intelligence, Systems and Applications (IISA), 2013 Fourth International Conference on*. IEEE, Sivut 1-6. <https://doi.org/10.1109/IISA.2013.6623709>
- Drossos, K, Floros, A & Giannakouloupolous, A 2014, BEADS: A dataset of Binaural Emotionally Annotated Digital Sounds . julkaisussa *Information, Intelligence, Systems and Applications, IISA 2014, The 5th International Conference on*. IEEE, Sivut 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. julkaisussa *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, Sivut 5:1-5:8. <https://doi.org/10.1145/2769493.2769546>
- Dsouza, R, Antunes, P, Kakkonen, M, Jokinen, J, Sarlin, E, Kallio, P & Kanerva, M 2020, 'Experimental and numerical dataset of Microbond test using optical fibres for strain', *Data in Brief*, Vuosikerta. 31, 106017. <https://doi.org/10.1016/j.dib.2020.106017>
- 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*, Vuosikerta. 78, Sivut 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. julkaisussa *16th International Conference on Numerical Simulation of Optoelectronic Devices, NUSOD 2016*. IEEE, Sivut 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 (toim) 2015, *Sustainable Design Studio 2014*. Tampere University of Technology. School of Architecture.
- Einolander, J 2015, Evaluating organizational commitment in support of organizational leadership. julkaisussa *6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015) and the Affiliated Conferences, AHFE 2015*. Procedia Manufacturing, Vuosikerta. 3, Elsevier, Sivut 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. julkaisussa *6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015) and the Affiliated Conferences, AHFE 2015*. Procedia Manufacturing, Vuosikerta. 3, Elsevier, Sivut 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*, Vuosikerta. 3, Nro 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. julkaisussa *Proceedings of the Design 2018 15th International Design Conference*. The Design Society, Sivut 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*, Vuosikerta. 8, Nro 2, 39. <https://doi.org/10.3390/computers8020039>
- Eloranta, V-P 2014, Patterns for controlling chaos in a startup. julkaisussa *VikingPLoP 2014 Proceedings of the 8th Nordic Conference on Pattern Languages of Programs*. Vuosikerta. 2014-April, ACM International Conference Proceeding Series, Association for Computing Machinery, Sivut 1-8, Nordic Conference on Pattern Languages of Programs, 1/01/00. <https://doi.org/10.1145/2676680.2676682>

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

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

Eriksson, S-L, Orelma, H & Vuojamo, V 2015, Generalized hyperbolic harmonic functions in the plane. julkaisussa *Proceedings of the International Conference on Numerical Analysis and Applied Mathematics 2014 (ICNAAM-2014)*. Vuosikerta. 1648, 440007, American Institute of Physics Inc., Kreikka, 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: International Journal on Math, Science and Technology Education*, Vuosikerta. 3, Nro 6, Sivut 800-807.

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

Fakour-Sevom, V, Guldogan, E & Kämäräinen, J-K 2018, 360 panorama super-resolution using deep convolutional networks. julkaisussa *VISIGRAPP 2018 - Proceedings of the 13th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications*. Vuosikerta. 4, SCITEPRESS, Sivut 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. julkaisussa *CLEO: Science and Innovations, CLEO\_SI 2018*. OSA - The Optical Society, CONFERENCE ON LASERS AND ELECTRO-OPTICS, 1/01/00. [https://doi.org/10.1364/CLEO\\_SI.2018.SW4Q.4](https://doi.org/10.1364/CLEO_SI.2018.SW4Q.4)

Fard Sanei, MA, Kiilunen, J, Pippola, J, Lahokallio, S & Frisk, L 2015, Thermomechanical properties of overmold epoxies in MEMS packaging. julkaisussa *Proceedings of the IMAPS Nordic Annual Conference, June 8-9, 2015, Helsingør, Denmark*. IMAPS Nordic, Sivut 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. julkaisussa R Kouhia, J Mäkinen, S Pajunen & T Saksala (toim), *Proceedings of the XII Finnish Mechanics Days : Finnish mechanics days*. Finnish Association for Structural Mechanics, Espoo, Finland, Sivut 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. julkaisussa S Taccheo, JI Mackenzie & M Ferrari (toim), *Proceedings of SPIE : Fiber Lasers and Glass Photonics: Materials through Applications*. Vuosikerta. 10683, Proceedings of SPIE, Vuosikerta. 10683, SPIE-INT SOC OPTICAL ENGINEERING, Strasbourg, Ranska, 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. julkaisussa *Proceedings of SPIE: Optical Components and Materials XVI*. Vuosikerta. 10914, 109140R, Proceedings of SPIE : the International Society for Optical Engineering, Vuosikerta. 10914, S P I E - International Society for Optical Engineering, San Francisco, Yhdysvallat, 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*, Vuosikerta. 24, Nro 2, Sivut 227-232. <https://doi.org/10.15918/j.jbit1004-0579.201524.0214>

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

Filanovsky, IM, Järvenhaara, JK & Tchamov, NT 2016, On Moderate Inversion/Saturation Regions As Approximations to "Reconciliation" Model. julkaisussa *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. julkaisussa *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. julkaisussa *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. julkaisussa J Ballato (Toimittaja), *Proceedings of SPIE: Fiber Lasers XIII: Technology, Systems, and Applications*. Vuosikerta. 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. julkaisussa *Fiber Lasers XIV: Technology and Systems*. Vuosikerta. 10083, 100831H, Proceedings of SPIE, Nro 10083, SPIE, San Francisco, Yhdysvallat, 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. julkaisussa A Laamanen & K Huhtala (toim), *Proceedings of The Fourteenth Scandinavian International Conference on Fluid Power, SICFP15*. Sivut 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. julkaisussa *Nonlinear Optics and its Applications IV*. Vuosikerta. 9894, 989411, Proceedings of SPIE, Vuosikerta. 9894, SPIE, 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. julkaisussa *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*, Vuosikerta. 5, Sivut 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. julkaisussa *Mobile Multimedia/Image Processing, Security, and Applications 2016.*, 986902, SPIE Conference Proceedings, Vuosikerta. 9869, SPIE, 1/01/00. <https://doi.org/10.1117/12.2223605>

- Frimpong, E & Michalas, A 2020, IoT-CryptoDiet: Implementing a lightweight cryptographic library based on ecdh and ecdsa for the development of secure and privacy-preserving protocols in contiki-ng. julkaisussa G Wills, P Kacsuk & V Chang (toim), *IoT BDS 2020 - Proceedings of the 5th International Conference on Internet of Things, Big Data and Security*. SCITEPRESS, Sivut 101-111, Virtual, Online, 7/05/20. <https://doi.org/10.5220/0009405401010111>
- Frondelius, T, Holopainen, S, Kouhia, R, Ottosen, NS, Ristinmaa, M & Vaara, J 2019, 'A continuum based macroscopic unified low- and high cycle fatigue model', *MATEC Web of Conferences*, Vuosikerta. 300, 16008. <https://doi.org/10.1051/mateconf/201930016008>
- 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. julkaisussa *2015 7th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT)*. IEEE, Sivut 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. julkaisussa *2016 8th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT)*. IEEE, Sivut 106-110, INTERNATIONAL CONGRESS ON ULTRA MODERN TELECOMMUNICATIONS AND CONTROL SYSTEMS, 1/01/00. <https://doi.org/10.1109/ICUMT.2016.7765341>
- Gapeyenko, M, Petrov, V, Moltchanov, D, Yeh, SP, Himayat, N & Andreev, S 2020, Comparing capacity gains of static and UAV-based millimeter-wave relays in clustered deployments. julkaisussa *2020 IEEE International Conference on Communications Workshops, ICC Workshops 2020 - Proceedings*. IEEE/CIC international conference on communications in China - workshops, IEEE, Dublin, Irlanti, 7/06/20. <https://doi.org/10.1109/ICCWorkshops49005.2020.9145216>
- 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*, Vuosikerta. 63, Nro 3, Sivut 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*, Vuosikerta. 80, Nro 4, Sivut 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*, Vuosikerta. 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. julkaisussa *WFCS 2018 - 2018 14th IEEE International Workshop on Factory Communication Systems*. IEEE, Sivut 1-10, 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. julkaisussa CL Flores Martinez, GY Georgiev, JM Smart & ME Price (toim), *Evolution, Development and Complexity - Multiscale Evolutionary Models of Complex Adaptive Systems*. Springer Proceedings in Complexity, Springer, Sivut 229-244, Cancun, Meksiko, 17/09/17. [https://doi.org/10.1007/978-3-030-00075-2\\_8](https://doi.org/10.1007/978-3-030-00075-2_8)
- Ghorbani, M, Dehmer, M & Emmert-Streib, F 2020, 'Properties of entropy-based topological measures of fullerenes', *Mathematics*, Vuosikerta. 8, Nro 5, 740. <https://doi.org/10.3390/MATH8050740>
- 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. julkaisussa *2016 8th ESA Workshop on Satellite Navigation Technologies and European Workshop on GNSS Signals and Signal Processing (NAVITEC)*. IEEE, 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*, Vuosikerta. 17, Nro 4, Sivut 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. julkaisussa *The 8th International Conference on Bioinformatics, Biocomputational Systems and Biotechnologies (BIOTECHNO2016)*. IARIA, Sivut 9-15, 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. julkaisussa *Proceedings of SilviLaser 2015: 14th conference on Lidar Applications for Assessing and Managing Forest Ecosystems*. Sivut 119-121, INTERNATIONAL CONFERENCE ON LIDAR APPLICATIONS FOR ASSESSING FOREST ECOSYSTEMS, 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. julkaisussa *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. julkaisussa *2015 7th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT)*. IEEE, Sivut 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. julkaisussa *2016 8th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT)*. IEEE, Sivut 119-123, 1/01/00. <https://doi.org/10.1109/ICUMT.2016.7765343>

Haapanen, J 2015 'Principles of designing for situation awareness' Situational awareness for critical infrastructure protection, Nro 1, Vuosikerta. 3, Maanpuolustuskorkeakoulu Sotatekniikan laitos, Tampere, Sivut 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. julkaisussa *CIREN Workshop 2016.*, 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*, Vuosikerta. 70, Nro 5, Sivut 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. julkaisussa *2015 13th International Conference on Frontiers of Information Technology (FIT)*. IEEE, Sivut 329-333, 1/01/00. <https://doi.org/10.1109/FIT.2015.64>

Habib, M, Ozbay, E & Caglayan, H 2019, 'Tuning plasmon induced reflectance with hybrid metasurfaces', *Photonics*, Vuosikerta. 6, Nro 1, 29. <https://doi.org/10.3390/photonics6010029>

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*, Vuosikerta. 6, Nro 11, Sivut 4245-4294. <https://doi.org/10.3390/f6114245>

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

Hagmark, P & Laitinen, J 2014, Modeling of Age-Dependent Failure Tendency from Incomplete Data. julkaisussa J Lee, J Ni, J Sarangapani & J Mathew (toim), *Engineering Asset Management 2011: Proceedings of the Sixth World Congress on Engineering Asset Management*. Lecture Notes in Mechanical Engineering, Springer-Verlag London Limited, London,

Sivut 449-459, World Congress on Engineering Asset Management, 1/01/00. [https://doi.org/10.1007/978-1-4471-4993-4\\_40](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. julkaisussa *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. julkaisussa *Conference on Lasers and Electro-Optics 2016: QELS Fundamental Science.*, FM1B.3 , OSA - The Optical Society, CONFERENCE ON LASERS AND ELECTRO-OPTICS, 1/01/00. [https://doi.org/10.1364/CLEO\\_QELS.2016.FM1B.3](https://doi.org/10.1364/CLEO_QELS.2016.FM1B.3)

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. julkaisussa *CLEO: Applications and Technology 2017: San Jose, California United States 14–19 May 2017.*, JTh2A.48, The Optical Society; OSA, CONFERENCE ON LASERS AND ELECTRO-OPTICS, 1/01/00. [https://doi.org/10.1364/CLEO\\_AT.2017.JTh2A.48](https://doi.org/10.1364/CLEO_AT.2017.JTh2A.48)

Halbach, E, Kolu, A & Ghabcheloo, R 2018, Automated pile transfer work cycles with a robotic wheel loader. julkaisussa K Mela, S Pajunen & V Raasakka (toim), *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, Vuosikerta. 1313, Tampere University of Technology, Tampere.

Halvari, S, Suominen, A, Jussila, J, Jonsson, V & Bäckman, J 2019, Conceptualization of hackathon for innovation management. julkaisussa I Bitran, S Conn, C Gernreich, M Heber, KRE Huizingh, O Kokshagina, M Torkkeli & M Tynnhammer (toim), *The proceedings of The XXX ISPIM INNOVATION CONFERENCE - Celebrating Innovation - 500 Years Since Da Vinci The International Society for Professional Innovation Management: 16-19 June 2019 - Florence, Italy*. Vuosikerta. 93, The International Society for Professional Innovation Management (ISPIM), Florence Italy, 1/01/10.

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

Harmanen, J & Mikkonen, T 2016, On Polyglot Programming in the Web. julkaisussa *Modern Software Engineering Methodologies for Mobile and Cloud Environments*. IGI Global, Sivut 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. julkaisussa M Prins, H Wamelink, B Giddings, K Ku & M Feenstra (toim), *CIB World Building Congress 2016 Proceedings : Volume 2 Environmental Opportunities and challenges - Constructing commitment and acknowledging human experiences*. Vuosikerta. 2, Tampere University of Technology. Department of Civil Engineering, Sivut 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. julkaisussa *2019 IEEE International Conference on RFID Technology and Applications (RFID-TA)*. IEEE, Sivut 236-239, 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*, Nro 3, Sivut 18-24.

Heikkilä, J, Jääskeläinen, A & Thitz, O 2016, Long-term effects of purchasing: fact or fiction? julkaisussa *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. julkaisussa M Guina (Toimittaja), *Vertical External Cavity Surface Emitting Lasers (VECSELs) V.*, 93490E, Proceedings of SPIE, Vuosikerta. 9349, SPIE, BELLINGHAM, Iso-Britannia, 1/01/15. <https://doi.org/10.1117/12.2076805>

Heinimäki, TJ & Elomaa, T 2015, Augmenting Technology Trees: Automation and Tool Support. julkaisussa *Proceedings of the Seventh International Conference on Virtual Worlds and Games for Serious Applications (VS-Games 2015)*. IEEE, Sivut 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. julkaisussa *METNET Tenth International Seminar in Budapest 13.-14.10.2015*. HAMKin julkaisu, Nro 15, Sivut 18-39, METNET Seminar, 1/01/00.

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

Helamaa, A 2015, 'Kattavasti rivitaloista', *Arkkitehti*, Nro 3, Sivut 80-81.

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

Helander, N, Okkonen, J, Vuori, V, Paavilainen, N & Kujala, J 2016, Enablers and Restraints of Knowledge Work – Does profession make a difference? julkaisussa *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*. Sivut 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*, Sivut 70-77.

Helander, N, Boedeker, M, Hellsten, P, Jussila, J, Myllärniemi, J & Tukiainen, M 2016, Affective experiences and student engagement in higher education. julkaisussa *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. julkaisussa *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. julkaisussa *15th Eurasia business and economics society conference: Lisbon, Portugal, January 8-10, 2015*. Springer, EURASIA BUSINESS AND ECONOMICS SOCIETY CONFERENCE, 1/01/00.

Heljakka, K, Ihamaki, P, Tuomi, P & Saarikoski, P 2019, Gamified coding: Toy robots and playful learning in early education. julkaisussa *Proceedings - 6th Annual Conference on Computational Science and Computational Intelligence, CSCI 2019.*, 9071010, IEEE, Sivut 800-805, Las Vegas, Yhdysvallat, 5/12/19. <https://doi.org/10.1109/CSCI49370.2019.00152>



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

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

Hellsten, P & Myllärniemi, J 2019, Business intelligence process model revisited. julkaisussa J Bernardino, A Salgado & J Filipe (toim), *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, Vuosikerta. 3, SCITEPRESS, Sivut 341-348, Vienna, Itävalta, 17/09/19.

Hilliaho, K, Nordquist, B & Wallentén, P 2015, Koko Julkisivua peittävän lasijulkisivun vaikutus Etelä-Ruotsissa sijaitsevan rakennuksen energiätehokkuuteen. julkaisussa J Vinha & T Ruuska (toim), *Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere*. Rakennustekniikan laitos. Rakennetekniikka. Seminaarijulkaisu 4, Nro 4, Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, Tampere, Sivut 509-516, RAKENNUSFYSIKKA, 1/01/00.

Hilliaho, K, Hietaniemi, J & Visa, P 2015, 'Lasitettujen parvekkeiden ja terassien käyttäytyminen tulipaloissa', *Palontorjuntatekniikka*, Nro Erikoisnumero, Sivut 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*, Vuosikerta. 24, Nro 5, Sivut 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. julkaisussa P Vagn Freytag & A Höjbjerg Clarke (toim), *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. julkaisussa B Song, D Casem & J Kimberley (toim), *Dynamic Behavior of Materials, Volume 1: Proceedings of the 2014 Annual Conference on Experimental and Applied Mechanics*. Vuosikerta. 65, Conference Proceedings of the Society for Experimental Mechanics Series, Springer, Sivut 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](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. julkaisussa *Conference Proceedings of the Society for Experimental Mechanics Series*. Vuosikerta. 6, Springer New York LLC, Sivut 51-59, SOCIETY FOR EXPERIMENTAL MECHANICS ANNUAL CONFERENCE & EXPOSITION ON EXPERIMENTAL AND APPLIED MECHANICS, 1/01/00. [https://doi.org/10.1007/978-3-319-21455-9\\_6](https://doi.org/10.1007/978-3-319-21455-9_6)

Holopainen, S, Kouhia, R, Könnö, J & Saksala, T 2015, Computational modelling of high-cycle fatigue using a continuum based model. julkaisussa *Proceedings of the NSCM28: 28th Nordic Seminar on Computational Mechanics, October 22 – 23, 2015, Tallinn, Estonia*. Sivut 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. julkaisussa R Kouhia (Toimittaja), *Proceedings of the XII Finnish Mechanics Days: Suomen XII mekaniikkapäivien esitelmät*. Journal of Structural Mechanics, Rakenteiden Mekaniikan Seura ry, Sivut 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. julkaisussa M Papadrakakis, V Papadopoulos, G Stefanou & V Plevris (toim), *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.* Sivut 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. julkaisussa *Rakennusfysiikka 2015*. Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, Tampere, Sivut 561-566, RAKENNUSFYSIKKA, 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. julkaisussa *2015 7th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT)*. IEEE, Sivut 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*, Vuosikerta. 7, Nro 2, Sivut 212-229. <https://doi.org/10.1504/IJMMNO.2016.077068>

Houbre, Q, Angleraud, A & Pieters, R 2020, Exploration and exploitation of sensorimotor contingencies for a cognitive embodied agent. julkaisussa A Rocha, L Steels & J van den Herik (toim), *ICAART 2020 - Proceedings of the 12th International Conference on Agents and Artificial Intelligence*. Vuosikerta. 2, SCITEPRESS, Sivut 546-554, INTERNATIONAL CONFERENCE ON AGENTS AND ARTIFICIAL INTELLIGENCE, 1/01/00. <https://doi.org/10.5220/0008951205460554>

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. julkaisussa *2015 International Conference on Advanced Technologies for Communications (ATC)*. IEEE, Sivut 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*, Vuosikerta. 21, Sivut 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 . julkaisussa *Proceedings of the CIB World Building Congress 2016: Volume I - Creating built environments of new opportunities*. Tampere University of Technology. Department of Civil Engineering, Sivut 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*, Vuosikerta. 21, Sivut 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. julkaisussa A Saari & P Huovinen (toim), *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, Sivut 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. julkaisussa G Russo, V Capasso, G Nicosia & V Romano (toim), *Progress in Industrial Mathematics at ECMI 2014*. Mathematics in Industry, Vuosikerta. 22, Springer International Publishing, 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. julkaisussa *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. julkaisussa *The Seventh Workshop on Digital Fluid Power*. Linz Center of Mechatronics, Sivut 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*, Vuosikerta. 21, Sivut 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. julkaisussa C Egbu (Toimittaja), *CIB Proceedings 2015 : Going North for Sustainability: Leveraging Knowledge and Innovation for Sustainable Construction and Development*. IBEA Publications Ltd, London, UK, Sivut 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. julkaisussa N Achour (Toimittaja), *Proceedings of the CIB World Building Congress 2016, May 30 - June 3, 2016, Tampere, Finland: Advancing products and services*. Vuosikerta. V, Tampere University of Technology. Department of Civil Engineering, Tampere, Sivut 1129-1140, CIB WORLD BUILDING CONGRESS, 1/01/00.

Huttunen, H, Shokrollahi Yancheshmeh, F & Chen, K 2016, Car Type Recognition with Deep Neural Networks. julkaisussa *2016 IEEE Intelligent Vehicles Symposium, IV 2016*. IEEE, Sivut 1115-1120, Gothenburg, Ruotsi, 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. julkaisussa J Vinha & H Kivioja (toim), *Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24-26.10.2017, Tampere*. Vuosikerta. 1, Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka., Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, Tampere, Sivut 335-342, Rakennusfysiikka, 1/01/09.

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

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

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

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

Hynynen, A 2016, Extending Professional Fields. Architectural Research and Regional Development. julkaisussa K Kähkönen & M Keinänen (toim), *Proceedings of the CIB World Building Congress 2016.: Volume I - Creating built environments of new opportunities*. Vuosikerta. I, Tampere University of Technology. Department of Civil Engineering, Sivut 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*, Vuosikerta. 23, Nro 1, Sivut 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. julkaisussa *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. julkaisussa *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. julkaisussa *Advances in Production Management Systems: Innovative Production Management Towards Sustainable Growth*. Springer, Sivut 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](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. julkaisussa *Flexible Automation and Intelligent Manufacturing 2015*. The Choir Press, Sivut 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. julkaisussa *CESB 2016 - Central Europe Towards Sustainable Building 2016: Innovations for Sustainable Future*. Czech Technical University in Prague, Sivut 1113-1120, CENTRAL EUROPE TOWARDS SUSTAINABLE BUILDING CONFERENCE, 1/01/00.

Inha, L, Katko, TS & Rajala, R 2019, 'Vesihuollon instituutiot vaativat taitavaa jalkapallopeliä', *Rakennustekniikka*, Vuosikerta. 75, Nro 3, Sivut 38-40.

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

Jaakkola, H & Thalheim, B 2015, Culture-Aware Web Information System Development. julkaisussa T Welzer, M Hölbl, Y Kiyoki, B Thalheim & H Jaakkola (toim), *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, Sivut 121-138, 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. julkaisussa P Vagn Freytag & A Höjbjerg Clarke (toim), *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. julkaisussa H Jaakkola, B Thalheim, Y Kiyoki & N Yoshida (toim), *Proceedings of the 26th International Conference on Information Modelling and Knowledge Bases - EJC 2016. : June 6-10, 2016, Tampere, Finland*. Vuosikerta. 18, Tampere University of Technology Pori Department Publications, Nro 18, Tampere University of Technology Pori Department, Tampere, Sivut 167-185, 1/01/00.

Jaakkola, H, Thalheim, B, Kiyoki, Y & Yoshida, N (toim) 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. julkaisussa V Sornlertlamvanich, P Chawakitchareon, A Hansuebsai, C Koopipat, Y Kiyoki, H Jaakkola, B Thalheim & N Yoshida (toim), *The Proceedings of the 27th International Conference on Information Modelling and Knowledge Bases*. Sirindhorn International Institute of Technology, Thammasat University, Thailand, Sivut 309-331, 1/01/00.

Jääskeläinen, A, Heikkilä, J & Thitz, O 2015, Identifying the potential of performance measurement in supporting strategic purchasing and supply chain management. julkaisussa *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, Sivut 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. julkaisussa *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. julkaisussa *Proceedings of 9th Conference on Performance Measurement and Management Control: 13-15 September 2017, Nice, France*. Conference on Performance Measurement and Management Control, EIASM, 29/09/17.

Jääskeläinen, A, Schiele, H & Aarikka-Stenroos, L 2018, A social capital perspective on gaining optimal solutions from suppliers as preferred customer. julkaisussa *Academy of Management Proceedings*. 1 toim, Vuosikerta. 2018, Academy of Management Proceedings, Nro 1, Vuosikerta. 2018, Academy of Management AOM, 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. julkaisussa *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)*. Vuosikerta. 4/2018, Ympäristöministeriö, Helsinki.

Jäniskangas, T 2015, *Hiekkatekonurmipintaisten pesäpalkokenttien ominaisuuksien muuttuminen ja elinkaari*. Tampereen teknillinen yliopisto. Rakennustekniikan laitos. Maa- ja pohjarakenteet. Tutkimusraportti, Vuosikerta. 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. julkaisussa *CHI EA '15 Proceedings of the 33rd Annual ACM Conference Extended Abstracts on Human Factors in Computing Systems*. ACM, CONFERENCE ON HUMAN FACTORS IN COMPUTING SYSTEMS EXTENDED ABSTRACTS, 1/01/00. <https://doi.org/10.1145/2702613.2732833>

Järveläinen, M, Yli-Hallila, T, Salpavaara, T, Verho, J, Vilko, M & Levänen, E 2015, 'Kolloidisten suspensioiden online -analysointi: tutkimuksesta liiketoimintaa', *Materia*, Nro 5/2015, Sivut 54-57.

Järvenpää, E & Lanz, M 2015, Guidelines for Designing Human-friendly User Interfaces for Factory Floor Manufacturing Operators. julkaisussa *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, Sivut 531-538, INTERNATIONAL CONFERENCE ON ADVANCES IN PRODUCTION MANAGEMENT SYSTEMS, 1/01/00. [https://doi.org/10.1007/978-3-319-22759-7\\_61](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*, Vuosikerta. 14, Nro 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. julkaisussa *The European Conference on Lasers and Electro-Optics 2015*. Optical Society of America, Sivut 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. julkaisussa H-M Järvinen & R Clark (toim), *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. julkaisussa R Kouhia, J Mäkinen, S Pajunen & T Saksala (toim), *Proceedings of the XII Finnish Mechanics Days: Suomen XII mekaniikkapäivien esitelmät*. Rakenteiden Mekaniikan Seura ry, Sivut 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. julkaisussa *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. julkaisussa *9th International Conference on Power Electronics ECCE Asia (ICPE-ECCE Asia)*. IEEE, Sivut 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. julkaisussa J Vinha & H Kivioja (toim), *Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere*. Vuosikerta. 1, Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, Tampere, Sivut 287-292, Rakennusfysiikka, 1/01/09.

Joutsenlahti, J, Ali-Löytty, S & Pohjolainen, S 2016, Developing Learning and Teaching in Engineering Mathematics with and without Technology. julkaisussa *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, Laukkanen, A & Vinha, J 2015, Puurunkoisten tuulettujen yläpohjien kosteustekninen toiminta. julkaisussa J Vinha & T Ruuska (toim), *Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere*. Rakennustekniikan laitos, Rakennetekniikka. Seminaarijulkaisu, Nro 4, Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, Tampere, Sivut 77-82, RAKENNUSFYSIKKA, 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. julkaisussa *10th International Forum on Knowledge Asset Dynamics: Culture, Innovation and Entrepreneurship: connecting the knowledge dots*. Vuosikerta. 10, Bari, Sivut 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, Vuosikerta. 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? julkaisussa *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, Sivut 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. julkaisussa P Tuomi (Toimittaja), *TiedeAreena 2016*. Vuosikerta. 11, Tampereen teknillinen yliopisto, Porin laitos, Pori, Sivut 55-56, 3/10/16.

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

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

Jussila, J, Boedecker, M, Jalonen, H & Helander, N 2016, 'Social media analytics empowering marketing insight- A framework for analyzing affective experiences from social media content' Artikkelit esitetty, Oslo, Norja, 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. julkaisussa *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*. Vuosikerta. 12, St. Petersburg, Russia, Sivut 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. julkaisussa *Proceedings of the 4th European Conference on Social Media ECSM 2017*. Vuosikerta. 4, Academic Conferences and Publishing International Limited, Reading, UK, Sivut 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. julkaisussa J Bernardino, A Salgado & J Filipe (toim), *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, Vuosikerta. 3, SCITEPRESS, Sivut 285-290, Vienna, Itävalta, 17/09/19. <https://doi.org/10.5220/0008349002850290>

Juuti, P & Rajala, R 2017, 'Sata vuotta Suomen suurimmasta lavantautiepidemiasta', *Vesitalous*, Vuosikerta. 2017, Nro 1, Sivut 12-14.

Juuti, P & Rajala, R 2017, 'Valkea kaupunki, mustat vedet', *Vesitalous*, Vuosikerta. 2017, Nro 1, Sivut 15-17.

Juuti, T, Kopra, MJ, Rättyä, K & Lehtonen, T 2016, How to benefit from learning logs in engineering education? julkaisussa *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*, Vuosikerta. 2017, Nro 1, Sivut 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*, Vuosikerta. 2017, Nro 1, Sivut 39-49.

Juuti, PS 2017, 'Editorial: Information to support decision-making', *Ympäristöhistoria: Finnish Journal of Environmental History*, Vuosikerta. 2017, Nro 1, Sivut 5-6.

- Juuti, P, Katko, TS & Rajala, R 2017, 'Sata vuotta vesihuoltoa Suomessa', *Vesitalous*, Vuosikerta. 58, Nro 6, Sivut 13-15.
- Juuti, T, Pakkanen, J & Lehtonen, T 2019, Empirical study of good, bad and ugly modular engineering solutions in machinery manufacturing industry. julkaisussa *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, Sivut 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. julkaisussa *8th Nordic Conference on Construction Economics and Organization: May 28-29 2015, Tampere, Finland*. Vuosikerta. 21, *Procedia Economics and Finance*, Elsevier, Sivut 518-523, Ruotsi, 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, Vuosikerta. 1338, Tampere University of Technology.
- Kaarakka, TE, Ali-Löytty, S & Huhtanen, M 2018, 'Kehittämistutkimus: vuorovaikutteisten Matlab-opetusohjelmien vaikutus minäpystyvyyteen ja oppimistuloksiin yliopistomatematiikassa', *FMSERA Journal*, Vuosikerta. 2, Nro 1, Sivut 67-77.
- Kähkönen, K, Huovinen, P & Keinänen, M (toim) 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, Vuosikerta. 16, Tampere University of Technology. Department of Civil Engineering.
- Kähkönen, K, Huovinen, P & Keinänen, M 2015, 'Editorial', *Procedia Economics and Finance*, Vuosikerta. 21, Sivut 1-5.
- Kähkönen, K (Toimittaja) 2015, '8th Nordic Conference on Construction Economics and Organization', *Procedia Economics and Finance*, Vuosikerta. 21.
- Kähkönen, K & Keinänen, M (toim) 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, Vuosikerta. 18, Vuosikerta. 1, Tampere University of Technology. Department of Civil Engineering.
- Kähkönen, K & Brandt, J 2017, Quality evaluation on of contractor's schedule for building renovation. julkaisussa A Ciribini, G Alaimo, P Capone, B Daniotti, G Dell'Osso & M Nicoletta (toim), *Re-shaping the construction industry*. ISTeA Italian Society of Science, Technology and Engineering of Architecture; Maggioli Editore, Sivut 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. julkaisussa U Keller (Toimittaja), *Vertical External Cavity Surface Emitting Lasers (VECSELS) IX.*, 109010D, Proceedings of SPIE - The International Society for Optical Engineering, Vuosikerta. 10901, SPIE, IEEE, San Francisco, Yhdysvallat, 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. julkaisussa *2019 Conference on Lasers and Electro-Optics, CLEO 2019 - Proceedings*. IEEE, San Jose, Yhdysvallat, 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. julkaisussa *Proceedings of Seventh International Conference on Well-Being in the Information Society: Fighting Inequalities (WIS 2018)*. TUCS Lecture Notes, Vuosikerta. 28, Sivut 25-30, 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*, Vuosikerta. 26, 104374. <https://doi.org/10.1016/j.dib.2019.104374>

Kanerva, M 2020, Advanced Treatments of Aramid Fibers for Composite Laminates. julkaisussa T-D Ngo (Toimittaja), *Fiber Composites*. InTech Open Access Publisher, London, UK. <https://doi.org/10.5772/intechopen.90816>

Kangas, J & Lunden, O-P 2016, Strengthening student engagement by integrating the contents of a flipped course around a well-confined real life theme. julkaisussa *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. julkaisussa *ICERI2018 Proceedings*. ICERI proceedings, Sivut 8087-8096, 12/11/18. <https://doi.org/10.21125/iceri.2018.0459>

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

Kantola, E, Leinonen, T, Ranta, S, Tavast, M, Penttinen, J-P & Guina, M 2015, 1180nm VECSEL with 50 W output power. julkaisussa *Proceedings of SPIE - The International Society for Optical Engineering*. Vuosikerta. 9349, 93490U, SPIE, Iso-Britannia, 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. julkaisussa *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. julkaisussa *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. julkaisussa *CLEO: Applications and Technology, CLEO\_AT 2018*. OSA - The Optical Society, CONFERENCE ON LASERS AND ELECTRO-OPTICS, 1/01/00. [https://doi.org/10.1364/CLEO\\_AT.2018.JTu2A.17](https://doi.org/10.1364/CLEO_AT.2018.JTu2A.17)

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. julkaisussa *CLEO: Applications and Technology, CLEO\_AT 2018*. OSA - The Optical Society, CONFERENCE ON LASERS AND ELECTRO-OPTICS, 1/01/00. [https://doi.org/10.1364/CLEO\\_AT.2018.JTu2A.10](https://doi.org/10.1364/CLEO_AT.2018.JTu2A.10)

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*, Vuosikerta. 8, Nro 1, Sivut 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. julkaisussa *Frontiers in Optics 2015: Proceedings.*, FTu5E.4, San Jose, Yhdysvallat, 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*, Vuosikerta. 8, Nro 1, Sivut 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, Kasztelanica, 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. julkaisussa *Proc. SPIE 10110: Photonic Instrumentation Engineering IV*. Vuosikerta. 10110, 101100P, Proceedings of SPIE, Vuosikerta. 10110, SPIE, 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, Buczynski, R, Kasztelanica, R, Salo, T, Virtanen, S, Kluczynski, P, Borgen, L, Ratajczyk, M & Kalinowski, P 2018, Integrated multi-wavelength mid-IR light source for gas sensing. julkaisussa *Next-Generation Spectroscopic Technologies XI.*, 106570A, SPIE Conference Proceedings, Vuosikerta. 10657, SPIE, IEEE, Orlando, Yhdysvallat, 16/04/18. <https://doi.org/10.1117/12.2305712>

Karjalainen, P 2015, 'Muuttuvat ajotilanteet aiheuttavat uudentyyppisiä ajoneuvojen hiukkaspäästöjä', *Ympäristö ja terveys*, Vuosikerta. 46, Nro 6, Sivut 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*, Vuosikerta. 15, Nro 22, Sivut 33253-33282. <https://doi.org/10.5194/acpd-15-33253-2015>

Karjalainen, M, Roine, A, Oksala, N & Leikkala, J 2015, Some aspects of molecular physics in measuring tissue samples using enose for disease diagnostics. julkaisussa *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. julkaisussa B Salmelin (Toimittaja), *Open Innovation Yearbook 2015*. European Commission, Brussel, Sivut 25-31, Espoo, Suomi, 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. julkaisussa *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, Vuosikerta. 467, Springer New York LLC, Sivut 89-102, INTERNATIONAL CONFERENCE ON PRODUCT LIFECYCLE MANAGEMENT, 1/01/00. [https://doi.org/10.1007/978-3-319-33111-9\\_9](https://doi.org/10.1007/978-3-319-33111-9_9)

Kart, U, Kämäräinen, JK, Fan, L & Gabbouj, M 2018, Evaluation of visual object trackers on equirectangular panorama. julkaisussa *VISIGRAPP 2018 - Proceedings of the 13th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications*. Vuosikerta. 5, SCITEPRESS, Sivut 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*, Nro 2, Sivut 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*, Vuosikerta. 21, Sivut 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. julkaisussa S Nenonen & J-M Junnonen (toim), *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, Sivut 419-430, CIB WORLD BUILDING CONGRESS, 1/01/00.

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

Katko, TS 2015, 'Kohti tasapuolisempaa tutkimuksen arviointia: Pääkirjoitus', *Ympäristöhistoria: Finnish Journal of Environmental History*, Vuosikerta. 5, Nro 1, Sivut 4-5.

Katko, TS 2017, 'Suomen vesihuollon kehitys ja opit kansainvälisessä kontekstissa', *Vesitalous*, Vuosikerta. 58, Nro 1, Sivut 8-11.

Katkovnik, V, Shevkunov, I, Petrov, NV & Eguiazarian, K 2017, Computational wavelength resolution for in-line lensless holography: Phase-coded diffraction patterns and wavefront group-sparsity. julkaisussa *Digital Optical Technologies 2017*. , 1033509, Proceedings of SPIE, Vuosikerta. 10335, SPIE, 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. julkaisussa *Unconventional Optical Imaging 2018. Strasbourg, France.*, 106771B, Proceedings of SPIE - The International Society for Optical Engineering, Vuosikerta. 10677, SPIE, 1/01/00. <https://doi.org/10.1117/12.2306127>

Kauppila, P, Kouhia, R, Ojanperä, J, Saksala, T & Sorjonen, T 2016, A continuum damage model for creep fracture and fatigue analyses. julkaisussa *21st European Conference on Fracture, ECF21, 20-24 June 2016, Catania, Italy*. Procedia Structural Integrity, Vuosikerta. 2, Sivut 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. julkaisussa J Vinha & H Kivioja (toim), *Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24-26.10.2017, Tampere*. Vuosikerta. 1, Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka., Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, Tampere, Sivut 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. julkaisussa *PROCEEDINGS OF SPIE: Ultrafast Phenomena and Nanophotonics XX*. Vuosikerta. 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. julkaisussa M Prins, H Wamelink, B Giddings, K Ku & M Feenstra (toim), *WBC16 Proceedings of the CIB World Building Congress 2016 Volume II : Environmental Opportunities and challenges, Constructing commitment and acknowledging human experiences*. Vuosikerta. Volume II , Tampere University of Technology. Department of Civil Engineering. Construction Management and Economics., Tampere University of Technology. Department of Civil Engineering, Sivut 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*, Vuosikerta. 9, Nro 13, Sivut 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. julkaisussa *2016 15th Biennial Baltic Electronics Conference (BEC)*. IEEE, Sivut 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*, Vuosikerta. 20, Nro 3, Sivut 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. julkaisussa *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. julkaisussa *Proceedings of the 16th European Conference on Cyber Warfare and Security, ECCWS 2017*. TAPPI Press; Curran Associates, Inc, Sivut 208-215, 1/01/00.

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

Kerminen, R, Wang, C & Visa, A 2015, Analysis on bus travel time through traffic light intersection. julkaisussa *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. julkaisussa *CLEO: Applications and Technology, CLEO\_AT 2018*. OSA - The Optical Society, CONFERENCE ON LASERS AND ELECTRO-OPTICS, 1/01/00. [https://doi.org/10.1364/CLEO\\_AT.2018.ATh4O.8](https://doi.org/10.1364/CLEO_AT.2018.ATh4O.8)

Keskinen, J, Vanhala, J, Mäntysalo, M & Ruuskanen, P 2019, 'Energiaomavaraiset anturiverkot', *Promaint*, Nro 2, Sivut 24-26.

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. julkaisussa *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. julkaisussa *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. julkaisussa G Schiuma & A Lerro (toim), *Integrating arts and creativity into business practice*. IGI Global, Sivut 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. julkaisussa *Integrating Art and Creativity into Business Practice*. IGI Global, Sivut 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. julkaisussa *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. julkaisussa *2015 IEEE MTT-S 2015 International Microwave Workshop Series on RF and Wireless Technologies for Biomedical and Healthcare Applications (IMWS-BIO)*. IEEE, Sivut 103-104, 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. julkaisussa *Proceedings of IEEE 2017 International Workshop on Antenna Technology*. IEEE, Sivut 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*, Vuosikerta. 2, Nro 4, Sivut 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*, Vuosikerta. 21, Sivut 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 Al<sub>2</sub>O<sub>3</sub>-ZrO<sub>2</sub>-ceramic coatings deposited by APS and HVOF -processes. julkaisussa *International Thermal Spray Conference ITSC 2017, Conference Proceedings: June 7-9, 2017, Düsseldorf, Germany.*. Vuosikerta. 336, DVS-Berichte / DVS - Deutscher Verband für Schweißen und Verwandte Verfahren e.V., DVS Media GmbH, Düsseldorf, Sivut 928-933, INTERNATIONAL THERMAL SPRAY CONFERENCE, 1/01/00.

Kiili, K 2017, From theories to game mechanics: Developing a game for training rational numbers. julkaisussa *Proceedings of the 11th European Conference on Games Based Learning, ECGBL 2017*. Academic Conferences and Publishing International Limited, Sivut 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. julkaisussa *Proceedings of The 11th European Conference on Game-Based Learning ECGBL 2017*. Academic Conferences and Publishing International Limited, Sivut 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. julkaisussa *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. julkaisussa *31st European Photovoltaic Solar Energy Conference and Exhibition (EU PVSEC)*. Sivut 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. julkaisussa *2014 6th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT)*. Sivut 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. julkaisussa BC Kress & P Schelkens (toim), *Digital Optical Technologies 2019*. Proceedings of SPIE - The International Society for Optical Engineering, Vuosikerta. 11062, SPIE, IEEE, Munich, Saksa, 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*, Vuosikerta. 17, Nro 1, Sivut 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. julkaisussa *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. julkaisussa *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. julkaisussa *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. julkaisussa *Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere.*. Rakennustekniikan laitos, Rakennetekniikka. Seminaarijulkaisu, Nro 4, Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, Sivut 195-202, RAKENNUSFYSIKKA, 1/01/00.

Köliö, A, Lahdensivu, J & Pentti, M 2016, Reinforcement Corrosion Modelling in Renovation Strategy for Concrete Facades. julkaisussa *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, Sivut 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. julkaisussa *XVI ECSMGE 2015, 13-17 September 2015 - Edinburgh: Geotechnical engineering for infrastructure and development*. Sivut 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. julkaisussa *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. julkaisussa *2015 17TH Conference of Open Innovations Association (FRUCT)*. Conference of Open Innovations Association (FRUCT), Sivut 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. julkaisussa *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, Sivut 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. julkaisussa L Ek, H Ernrooth, N Scarlat, A Grassi & P Helm (toim), *EUBCE 2017 Online Conference Proceedings*. European biomass conference and exhibition proceedings, ETA-Florence Renewable Energies, Sivut 443-447, 1/01/00.  
<https://doi.org/10.5071/25thEUBCE2017-2BO.6.4>

Koponen, O-P 2015, 'Postmodernismi Suomen rakennusperinnössä', *Arkkitehti*, Vuosikerta. 2015, Nro 2/2015, Sivut 72-74.

Koponen, O-P 2015, 'Kangasala-talo: Vanhan kulttuuripitäjän uusi kulttuuritalo', *Arkkitehti*, Vuosikerta. 2015, Nro 4/2015, Sivut 67-69.

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

Koponen, O-P 2015, Meeting of Vernacular and Modern Architecture in Urbino: Giancarlo De Carlo and reading of the context. julkaisussa M Mattila (Toimittaja), *Italian Vernadoc 2015 – Amandola: Studying Italia and its architecture. The first 10 VERNADOC-years*. Suomen ICOMOS, kansanrakentamisen komitea, Helsinki, Sivut 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. julkaisussa *2018 IEEE International Energy Conference, ENERGYCON 2018*. IEEE, Sivut 1-6, Limassol, Kypros, 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. julkaisussa *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, Sivut 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](https://doi.org/10.1007/978-3-319-22759-7_62)

Korobko, DA, Zolotovskii, IO, Gumenyuk, RV & Fotiadi, AA 2020, Jitter suppression in passive harmonic mode-locking fiber ring laser. julkaisussa NGR Broderick, JM Dudley & AC Peacock (toim), *Nonlinear Optics and its Applications 2020*. Proceedings of SPIE, Vuosikerta. 11358, SPIE, Sivut 238 - 247, SPIE PHOTONICS EUROPE, 1/01/00. <https://doi.org/10.1117/12.2556072>

Korpela, T, Kumpulainen, P, Majanne, Y & Häyrinen, A 2015, Savukaasun NO<sub>x</sub>-päästöjen epäsuora monitorointi maakaasukäyttöisissä polttolaitoksissa. julkaisussa S-L Jämsä-Jounela (Toimittaja), *Automaatio XXI seminaari*. SAS julkaisusarja, Nro 44, Suomen Automaatioseura, Sivut 1-6, Suomi, 1/01/80.

Korpi, M, Jansson, J, Pihlasalo, J, Suominen, O & Vilko, M 2019, Plant-wide optimization of a copper smelter: How to do it in practice? julkaisussa *Proceedings of the 10th European Metallurgical Conference, EMC 2019*. Vuosikerta. 1, GDMB Verlag GmbH, Sivut 95-106, Dusseldorf, Saksa, 23/06/19.

Korpijärvi, V-M, Kantola, EL, Leinonen, T & Guina, M 2015, Monolithic GaInNAsSb/GaAs VECSEL emitting at 1550 nm. julkaisussa *SPIE conference proceedings*. Vuosikerta. 9349, 93490D, SPIE, Iso-Britannia, 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. julkaisussa *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. julkaisussa *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. julkaisussa *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](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. julkaisussa *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, Sivut 688-701, CIB WORLD BUILDING CONGRESS, 1/01/00.

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

Kotilainen, S 2015, Matkalla joustaviin asuin ympäristöihin. julkaisussa *Joustavat asuin ympäristöt: 10 visiota aikaa kestävään kaupunkiasumiseen*. Vuosikerta. 16, 1, Housing Design, Vuosikerta. 16, Tampereen teknillinen yliopisto. Arkkitehtuurin laitos, Tampere, Sivut 10-13.

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

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

Kozhemiakina, N, Lukin, V, Ponomarenko, N, Akulynichev, A, Astola, J & Egiazarian, K 2015, Method of data compression for traffic monitoring. julkaisussa *2015 2nd International Scientific-Practical Conference Problems of Infocommunications Science and Technology, PIC S and T 2015 - Conference Proceedings*. IEEE, Sivut 153-156, 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. julkaisussa *EU PVSEC Proceedings*. Vuosikerta. EU PVSEC 2014, 3BV.5.23, EU PVSEC, Amsterdam, Alankomaat, 22/09/14.

Kraft, T, Berger, P & Lupo, D 2017, 'Printed and organic diodes: devices, circuits and applications', *Flexible and Printed Electronics*, Vuosikerta. 2, Nro 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? julkaisussa C Weber, S Husung, M Cantamessa, G Cascini, D Marjanovic & S Venkataraman (toim), *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. julkaisussa *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. julkaisussa *CIREC Workshop 2016*. Helsinki, Finland, 1/01/00. <https://doi.org/10.1049/cp.2016.0663>

Kulya, MS, Sokolenko, B, Gorodetsky, A & Petrov, NV 2020, Propagation dynamics of ultrabroadband terahertz beams with orbital angular momentum for wireless data transfer. julkaisussa BB Dingel, K Tsukamoto & S Mikroulis (toim), *Broadband Access Communication Technologies XIV.*, 113070J, Proceedings of SPIE - The International Society for Optical Engineering, Vuosikerta. 11307, SPIE, San Francisco, Yhdysvallat, 4/02/20. <https://doi.org/10.1117/12.2547695>

Kulya, MS, Katkovnik, V, Egiazarian, K & Petrov, NV 2020, Complex-domain sparse imaging in terahertz pulse time-domain holography with balance detection. julkaisussa LP Sadwick & T Yang (toim), *Terahertz, RF, Millimeter, and Submillimeter-Wave Technology and Applications XIII.*, 1127921, Proceedings of SPIE, Vuosikerta. 11279, SPIE, San Francisco, Yhdysvallat, 3/02/20. <https://doi.org/10.1117/12.2549001>

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. julkaisussa *CIREC Workshop 2016*. Institution of Engineering and Technology, Helsinki, Suomi, 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. julkaisussa *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*, Nro 1/2015, Sivut 45-51.

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



CONGRESS, 1/01/00.

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

Kuula, PH, Leppänen, MM & Penttilä, ME 2016, Towards better learning by increased student engagement. julkaisussa T Niemi & H-M Järvinen (toim), *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. julkaisussa P Lahtinen & V Raasakka (toim), *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, Sivut 177-187, Iso-Britannia, 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*, Vuosikerta. 6, 67, Sivut 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. julkaisussa *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). julkaisussa *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. julkaisussa *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. julkaisussa *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. julkaisussa *16th TAPPI European PLACE Conference 2017: Basel; Switzerland; 22 May 2017 through 24 May 2017*. Vuosikerta. 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. julkaisussa *Akustiikkapäivät 2015*. Akustiikkapäivät, Akustinen seura, Kuopio, Sivut 204-207, AKUSTIIKKAPÄIVÄT, 1/01/00.

Kylliäinen, M, Takala, J & Hongisto, V 2015, Ilmääneneristysluku sekä standardisoitu ja normalisoitu äänitasoeroluku huoneistojen välisen ilmääneneristävyyden kuvaajina. julkaisussa *Akustiikkapäivät 2015*. Akustiikkapäivät, Akustinen seura, Kuopio, Sivut 158-161, AKUSTIIKKAPÄIVÄT, 1/01/00.

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

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

Kylliäinen, M & Hongisto, V 2019, *Rakennuksen ääniolosuhteiden suunnittelu ja toteutus*. Ympäristöministeriön julkaisuja, Nro 28, Ympäristöministeriö, Helsinki.

Kymäläinen, T, Sahar, F & Palviainen, J 2014, White Knights of the Smart City. julkaisussa JC Augusto & T Zhang (toim), *Workshop Proceedings of the 10th International Conference on Intelligent Environments*. Ambient Intelligence and Smart Environments, Vuosikerta. 18, IOS Press, Sivut 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 (toim) 2014, *Kohti kestäväää Skanssia*. Tampereen teknillinen yliopisto. Arkkitehtuurin laitos.

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

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

Laamanen, A & Huhtala, K (toim) 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 (toim) 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. julkaisussa *TAPPI PLACE Conference 2016: Exploring New Frontiers*. TAPPI Press, Sivut 493-505, 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. julkaisussa *TAPPI International Conference on Nanotechnology for Renewable Materials 2016*. Vuosikerta. 2, TAPPI Press, Sivut 684-706, 1/01/00.

Lahti, J, Kuusipalo, J & Auvinen, S 2017, Novel equipment to simulate hot air heat sealability of packaging materials. julkaisussa *16th TAPPI European PLACE Conference 2017*. TAPPI Press, Sivut 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. julkaisussa *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. julkaisussa G Schiuma, JC Spender & T Garvilova (toim), *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 - Institute of Knowledge Asset Management, Sivut 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. julkaisussa *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. julkaisussa *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. julkaisussa *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. julkaisussa *12th International Conference on Barkhausen Noise and Micromagnetic Testing*. ICBM, Sivut 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 . julkaisussa D Neshumayev & B Sunden (toim), *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. julkaisussa *Therminic 2016: 22nd international workshop Thermal investigations of ICs and Systems*. IEEE, 1/01/00.  
<https://doi.org/10.1109/THERMINIC.2016.7749070>

Länsivaara, T 2015, Varmuuden kohdentaminen geotekniikassa, miten Eurokoodeja voisi kehittää? julkaisussa *Geotekniikan päivä 2015*. SGY, Suomi, 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. julkaisussa *31st European Photovoltaic Solar Energy Conference and Exhibition (31st EU PVSEC), 14– 18 September, 2015, Hamburg, Germany* . Sivut 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. julkaisussa *32nd European Photovoltaic Solar Energy Conference and Exhibition (32nd EU PVSEC), 20–24 June, 2016, Munich, Germany* . Sivut 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, 'Microrobotic system for multi-rate measurement of bio-based fibres Z-directional bond strength', *Journal of Micro-Bio Robotics*, Vuosikerta. 10, Nro 1, 1, Sivut 13-26. <https://doi.org/10.1007/s12213-015-0080-9>

Latvanne, P & Kylliäinen, M 2015, Puuvälipohjien akustiset ominaisuudet. julkaisussa *Rakennusfysiikka 2015*. Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, Sivut 567-572, RAKENNUSFYSIKKA, 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*, Vuosikerta. 8, Nro 1, Sivut 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*, Vuosikerta. 9, Nro 2, Sivut 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, Vuosikerta. 1306, Tampere University of Technology, Tampere.

Laukkarinen, A & Hilliäho, K 2015, Lasitetun parvekkeen lämpötilan ja lämpöhäviöiden laskenta. julkaisussa J Vinha & T Ruuska (toim), *Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere*. Rakennustekniikan laitos. Rakennetekniikka. Seminaarijulkaisu, Nro 4, Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, Sivut 181-186, RAKENNUSFYSIKKA, 1/01/00.

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

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

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

Le, D, Ukkonen, L & Björninen, T 2019, Dual-ID headgear UHF RFID tag with broadside and end-fire patterns based on quasi-Yagi antenna. julkaisussa *Proceedings of IEEE Asia-Pacific Microwave Conference*. IEEE, Sivut 610-612, Singapore, Singapore, 10/12/19. <https://doi.org/10.1109/APMC46564.2019.9038680>

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. julkaisussa *Proceedings of SPIE: Light-Emitting Diodes: Materials, Devices, and Applications for Solid State Lighting XIX*. Vuosikerta. 9383, 93830E, SPIE, San Francisco, Yhdysvallat, 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. julkaisussa *Proceedings of the The 17th Nordic Geotechnical Meeting, Reykjavik Iceland: 25th - 28th of May 2016*. Sivut 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. julkaisussa *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*, Vuosikerta. 3, Nro 2, Sivut 142-152. <https://doi.org/10.1007/s40825-016-0057-8>

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

Leinonen, T, Penttinen, JP, Korpijärvi, VM, Kantola, E & Guina, M 2015, >8W GaInNAs VECSEL emitting at 615 nm. julkaisussa *Proceedings of SPIE: Vertical External Cavity Surface Emitting Lasers (VECSELs) V*. Vuosikerta. 9349, 934909, SPIE, Iso-Britannia, 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. julkaisussa *Rakennusfysiikka 2015: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut, 20.-22-10.2015, Tampere*. Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, Sivut 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*, Vuosikerta. 78C, 78C, Sivut 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. julkaisussa P Kvols Heiselberg (Toimittaja), *CLIMA 2016 - Proceedings of the 12th REHVA World Congress. Aalborg. Aalborg University. Department of Civil Engineering. : Volume 1. Building Retrofit*. Vuosikerta. 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. julkaisussa *Sisäilmastoseminaari 2019: 14.3.2019 : Sisäilmayhdistys raportti 37*. SIY Raportti, Nro 37, SIY SISÄILMATIETO OY, Sivut 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. julkaisussa *Proceedings of the 11th European Conference on Information Systems Management, ECISM 2017*. Academic Conferences and Publishing International Limited, Sivut 168-178, Genoa, Italia, 14/09/17.

Lepistö, T (Toimittaja) 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. julkaisussa *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. julkaisussa *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. julkaisussa *TAPPI PEERS Conference Proceedings, October 25-28, 2015*. TAPPI, Atlanta, Georgia, TAPPI PEERS Conference, 1/01/00.

Leppänen, M, Välisalo, T (Toimittaja) & Laasonen, J 2014, Liite 6: Yleistä kaivannaisjätealueista ja patoturvallisuudesta. julkaisussa *Kaivosten stressitesti 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. julkaisussa V Raasakka & P Lahtinen (toim), *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, Sivut 168-175, Iso-Britannia, 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*, Vuosikerta. 17, Nro 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. julkaisussa *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, Sivut 1617-1622, 27/05/18.

Lietzen, J & Kylliäinen, M 2018, Finnish Round Robin Test on Airborne Sound Insulation. julkaisussa *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, Sivut 1677-1682, 27/05/18.

- Liimatainen, H 2020, 'Liikenteen päästövähennykset - kaikki keinot käyttöön', *Rakennustekniikka*, Vuosikerta. 76, Nro 1, Sivut 28-31.
- Lilja, K 2015, Jossakin vuoti öljy, muualla tihkuivat tiedot - etiikka katoavien rajojen ja suurten skandaalien aikakaudella. julkaisussa *Silmät auki It-etiikkaan*. Eduskunnan tulevaisuusvaliokunnan julkaisu, Nro 12, EDUSKUNNAN TULEVAISUUSVALIOKUNTA, Sivut 85-101.
- Linjama, M, Siivonen, L & Huova, M 2015, Numerically Efficient Flow Model for On/Off Valves. julkaisussa R Scheidl, B Winkler & H Kogler (toim), *Proceedings of the Seventh Workshop on Digital Fluid Power*. LCM GmbH, Linz, Austria, Sivut 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. julkaisussa A Laamanen, K Huhtala & J Uusi-Heikkilä (toim), *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. julkaisussa *VISIGRAPP 2018 - Proceedings of the 13th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications*. Vuosikerta. 5, SCITEPRESS, Sivut 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. julkaisussa S Strzelczak, P Balda, M Garetti & A Lobov (toim), *Open Knowledge-Driven Manufacturing and Logistics - The eScop Approach*. Warsaw University of Technology Publishing House, Sivut 311-319.
- Lohan, E-S, Kauppinen, T & Debnath, SBC 2016, A Survey of People Movement Analytics Studies in the Context of Smart Cities. julkaisussa *Proceedings of the FRUCT'19*. Sivut 151-158, 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. julkaisussa *Comparing two methods for Urban Complexity calculation using Shannon-Wiener index*. WIT Transactions on Ecology and The Environment, Vuosikerta. 226, WIT Press, Sivut 369-378, 1/01/00. <https://doi.org/10.2495/SDP170321>
- Loukola-Ruskeeniemi, K (Toimittaja), Lonka, H (Toimittaja), 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 julkaisu, Nro 54, Vuosikerta. 2015, Vuosikerta. 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. julkaisussa *CIREN Workshop 2016.*, 1/01/00.
- Ma, S, Pournoori, N, Sydänheimo, L, Ukkonen, L, Björninen, T & Georgiadis, A 2019, A Batteryless Semi-Passive RFID Sensor Platform. julkaisussa *2019 IEEE International Conference on RFID Technology and Applications (RFID-TA)*. IEEE, Sivut 171-173, 1/01/00. <https://doi.org/10.1109/RFID-TA.2019.8892176>
- Ma, S, Sydänheimo, L, Ukkonen, L & Björninen, T 2019, Electrically small UHF RFID tag antenna based on an inductively coupled resonant LC tank. julkaisussa *Proceedings of the 2019 IEEE Asia-Pacific Microwave Conference, APMC 2019*. IEEE, Singapore, Singapore, 10/12/19. <https://doi.org/10.1109/APMC46564.2019.9038618>
- Machado, M, Verghese, G & Peltola, T 2014, Massive Open Online Research: An approach to deal with wicked problems. julkaisussa *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, Sivut 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. julkaisussa *2016 Portland International Conference on Management of Engineering and Technology (PICMET)*. IEEE, Sivut 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. julkaisussa V Cunnane & N Corcoran (toim), *ECSM - 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. julkaisussa *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. julkaisussa *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. julkaisussa *EDULEARN17 Proceedings. 9th International Conference on Education and New Learning Technologies: 3-5 July, 2017, Barcelona, Spain*. Edulearn proceedings, IATED, Sivut 6401-6405, 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. julkaisussa S-L Jämsä-Jounela (Toimittaja), *Automaatio XXI seminaari*. SAS julkaisusarja, Nro 44, Suomen Automaatioseura, Sivut 1-6, Suomi, 1/01/80.

Majuri, M & Lanz, M 2018, Social capital characteristics in RD project networks. julkaisussa *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. julkaisussa *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. julkaisussa *IEEE 11th Annual International Conference on Nano/Micro Engineered and Molecular Systems (NEMS)*. IEEE, Sivut 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. julkaisussa *IEEM 2014: 2014 IEEE International Conference on Industrial Engineering and Engineering Management*. IEEE COMPUTER SOCIETY PRESS, Sivut 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. julkaisussa *IEEE International Conference on Industrial Engineering and Engineering Management*. Vuosikerta. 2015-January, 7058880, IEEE COMPUTER SOCIETY PRESS, Sivut 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, Vuosikerta. 1297, Tampere University of Technology.

Mäkitalo-Keinonen, T & Aarikka-Stenroos, L 2015, Examining Innovation Barriers along Innovation Process in Multi-Industry Hygiene-Technology Network. julkaisussa *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.

Malaska, M, Aaltonen, A & Lehto, L 2019, Paloturvallisuuden huomiointi ja asenteet nykyaikaisessa älyrakentamisessa. julkaisussa *Spek Puheenvuoroja 6*. SPEK Puheenvuoroja, SUOMEN PELASTUSALAN KESKUSJÄRJESTÖ RY., Helsinki.

Malaska, M, Cashell, K, Alanen, M, Mela, K & Afshan, S 2019, Experimental behaviour of stainless steel cellular beam in fire. julkaisussa D Jesse (Toimittaja), *Special Issue: Proceedings of Nordic Steel 2019: Wiley Online Library*. Vuosikerta. 3, 18.02, ce/papers, Wilhelm Ernst und Sohn, Berlin, Sivut 901-906, 18/09/19. <https://doi.org/10.1002/cepa.1151>

Malaska, M, Alanen, M, Cabova, K, Liskova, N, Mela, K, Pajunen, S & Wald, F 2019, Experimental study on temperature distribution of sandwich panel joints in fire. julkaisussa *Proceedings of Nordic Steel 2019: CE/papers Special Issue*. Vuosikerta. 3, 11.09, CE/papers, Wilhelm Ernst und Sohn, Sivut 695-700, 1/01/00.

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

Mardoukhi, A, Hokka, M & Kuokkala, V-T 2015, Effects of surface cracks and strain rate on the tensile behavior of Balmoral Red granite. julkaisussa *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 & Kuokkala, V-T 2015, An experimental and numerical study of the dynamic Brazilian disc test on Kuru granite. julkaisussa *Proceedings of the XII Finnish Mechanics Day*. Sivut 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. julkaisussa *International Conference on Robotics and Mechatronics : (ICRoM 2017)*. Vuosikerta. 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. julkaisussa *Sisäilmastoseminaari 2016, Sisäilmayhdistys raportti 34*. SIY SISÄILMATIETO OY, Sivut 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. julkaisussa *CIREN Workshop 2016*, 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. julkaisussa *6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015) and the Affiliated Conferences, AHFE 2015*. Procedia Manufacturing, Vuosikerta. 3, Elsevier, Sivut 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. julkaisussa *6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015) and the Affiliated Conferences, AHFE 2015*. Procedia Manufacturing, Vuosikerta. 3, Elsevier, Sivut 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. julkaisussa *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. julkaisussa *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. julkaisussa *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. julkaisussa *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. julkaisussa *23rd Nordic Academy of Management Conference 2015*. Nordic Academy of Management, NORDIC ACADEMY OF MANAGEMENT CONFERENCE, 1/01/00.