

- Ziaei Z, Oftadeh R, Mattila J. 2015. Vision-based path coordination for multiple mobile robots with four steering wheels using an overhead camera. In IEEE International Conference on Advanced Intelligent Mechatronics (AIM), 2015. pp. 261-268. <https://doi.org/10.1109/AIM.2015.7222542>
- Zia N, Viheriälä J, Koskinen R, Koskinen M, Suomalainen S, Guina M. 2016. Fabrication and characterization of broadband superluminescent diodes for 2 μm wavelength. In Light-Emitting Diodes: Materials, Devices, and Applications for Solid State Lighting XX. SPIE. (Proceedings of SPIE). <https://doi.org/10.1117/12.2209720>
- Zia N, Viheriälä J, Koivusalo E, Aho A, Suomalainen S, Guina M. 2018. High performance GaSb superluminescent diodes for tunable light source at 2 μm and 2.55 μm . In CLEO: Applications and Technology, CLEO_AT 2018. OSA - The Optical Society. https://doi.org/10.1364/CLEO_AT.2018.JTu2A.28
- Zhao Y, Wang Y, Zhang X, Mateos X, Pan Z, Loiko P, Zhou W, Xu X, Xu J, Shen D, Suomalainen S, Härkönen A, Guina M, Griebner U, Petrov V. 2018. Sub-100 fs pulse generation from a Tm,Ho: CALYO laser mode-locked by a GaSb-based SESAM at ~ 2043 nm. In CLEO: Science and Innovations, CLEO_SI 2018. OSA - The Optical Society. https://doi.org/10.1364/CLEO_SI.2018.SF2N.1
- Zhang B, Veijalainen J, Kotkov D. 2017. Samsung and Volkswagen crisis communication in Facebook and Twitter: A comparative study. In WEBIST 2017 - Proceedings of the 13th International Conference on Web Information Systems and Technologies. SCITEPRESS. pp. 312-323. <https://doi.org/10.5220/0006301403120323>
- Zare A, Sreedhar KK, Vadakital VKM, Aminlou A, Hannuksela MM, Gabbouj M. 2017. HEVC-compliant viewport-adaptive streaming of stereoscopic panoramic video. In 2016 Picture Coding Symposium, PCS 2016. IEEE. <https://doi.org/10.1109/PCS.2016.7906401>
- Zare M, Neeli-Venkata R, Martins L, Peltonen S, Ruotsalainen U, Ribeiro AS. 2017. Automatic Classification of Z-ring Formation Stages at the Single Cell Level in Escherichia Coli by Machine Learning. Silveira M, Fred A, Gamboa H, Vaz M, editors. In Proceedings of the 10th International Joint Conference on Biomedical Engineering Systems and Technologies, Vol 2: Bioimaging. SCITEPRESS. pp. 72-76.
- Zakeri FS, Bätz M, Jaschke T, Keinert J, Chuchvara A. 2019. Benchmarking of several disparity estimation algorithms for light field processing. Bazeille S, Verrier N, Cudel C, editors. In Fourteenth International Conference on Quality Control by Artificial Vision. SPIE, IEEE. (Proceedings of SPIE - The International Society for Optical Engineering). <https://doi.org/10.1117/12.2521747>
- Yrjölä J, Peltonen S, Malaska M. 2014. Vibration analysis of the composite slim floor. Landolfo R, Mazzolani F, editors. In EUROSTEEL 2014 : 7th European Conference on Steel and Composite Structures, 10.-12.9.2014, Naples, Italy. Belgium: ECCS - European Convention for Constructional Steelwork.
- Ylinen A, Kouhia R, Mäkinen J. 2015. Two models for hydraulic cylinder. Ibrahimbegović A, Ademović N, Ilić-Georgijević E, Serdarević A, Hrasnica M, Dolarević S, editors. In 2nd International Conference on Multi-Scale Computational Methods for Solids and Fluids: ECCOMAS MSF 2015. Sarajevo. pp. 115-116.
- Ylinen A, Mäkinen J, Kouhia R. 2016. Two models for hydraulic cylinders in flexible multibody simulations. In Computational Methods for Solids and Fluids: Multiscale Analysis, Probability Aspects and Model Reduction. Springer. pp. 463-493. (Computational Methods in Applied Sciences). https://doi.org/10.1007/978-3-319-27996-1_17
- Yli-Kaakinen J, Renfors M, Tuomivaara H. 2016. Multicarrier modulation for HF communications. In 2016 International Conference on Military Communications and Information Systems (ICMCIS) . IEEE. <https://doi.org/10.1109/ICMCIS.2016.7496542>
- Yli-Hietanen J, Ylipää A, Yli-Harja O. 2015. Cancer research in the era of next-generation sequencing and big data calls for intelligent modeling. Chinese Journal of Cancer. 34(10). <https://doi.org/10.1186/s40880-015-0008-8>

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

Yläoutinen J, Peltoniemi S, Nenonen S. 2015. Shared use of research laboratories Changing spatial concepts: A Case Study in a Finnish Biomedical Organization. In Conference on Research on Health Care Architecture: ARCH 14 Conference Proceedings November 19-21, 2014, Espoo, Finland. Helsinki. pp. 183-197. (Aalto University publication series ART + DESIGN + ARCHITECTURE, 6/2015).

Yang H 2015. Markov Chain Monte Carlo Estimation of Stochastic Volatility Models with Finite and Infinite Activity Lévy Jumps: Evidence for Efficient Models and Algorithms. Tampere University of Technology. 107 p. (Tampere University of Technology. Publication).

Yang D, Qian Y, Cai D, Yan S, Kämäräinen J-K, Chen K. 2019. Visibility-Aware Part Coding for Vehicle Viewing Angle Estimation. In 9th International Conference on Information Science and Technology, ICIST 2019. IEEE. pp. 65-70. <https://doi.org/10.1109/ICIST.2019.8836907>

Yancheshmeh FS, Chen K, Kämäräinen J-K. 2018. Hierarchical deformable part models for heads and tails. In VISIGRAPP 2018 - Proceedings of the 13th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications. SCITEPRESS. pp. 45-55. <https://doi.org/10.5220/0006532700450055>

Yaghoubi ST, Hartikainen J, Kolari K, Kouhia R. 2015. An anisotropic continuum damage model for concrete. Kouhia R, Mäkinen J, Pajunen S, Saksala T, editors. In Proceedings of the XII Finnish Mechanics Days: Suomen XII mekaniikkapäivien esitelmät. Rakenteiden Mekaniikan Seura ry. pp. 51.

Yadav A, Chichkov NB, Gumenyuk R, Zhrebtsov E, Melkumov MA, Yashkov MV, Dianov EM, Rafailov EU. 2019. 405-nm pumped Ce³⁺-doped silica fiber for broadband fluorescence from cyan to red. Digonnet MJF, Jiang S, editors. In Optical Components and Materials XVI. SPIE, IEEE. (Proceedings of SPIE - The International Society for Optical Engineering). <https://doi.org/10.1117/12.2509599>

Xu L, Saerens G, Timofeeva M, Miroshnichenko AE, Camacho-Morales R, Volkovskaya I, Smirnova DA, Lysevych M, Huang L, Cai M, Karouta F, Hoe Tan H, Kauranen M, Jagadish C, Grange R, Neshev DN, Rahmani M. 2019. Switchable unidirectional second-harmonic emission through GaAs nanoantennas. Mitchell A, Rubinsztein-Dunlop H, editors. In AOS Australian Conference on Optical Fibre Technology, ACOFT 2019 and Australian Conference on Optics, Lasers, and Spectroscopy, ACOLS 2019. SPIE. (Proceedings of SPIE - The International Society for Optical Engineering). <https://doi.org/10.1117/12.2539887>

Wu L, Looi CK, Multisilta J, How ML, Choi H, Hsu TC, Tuomi P. 2019. Teacher's Perceptions and Readiness to Teach Coding Skills: A Comparative Study Between Finland, Mainland China, Singapore, Taiwan, and South Korea. Asia-Pacific Education Researcher. <https://doi.org/10.1007/s40299-019-00485-x>

Welzer T, Hölbl M, Kiyoki Y, Thalheim B, Jaakkola H, ed. 2015. Proceedings of the 25th International Conference on Information Modelling and Knowledge Bases (EJC 2015), 8-12 June, 2015, Maribor, Slovenia. Maribor, Slovenia: University of Maribor, Faculty of Electrical Engineering and Computer Science.

Wang Y, Lan R, Mateos X, Li J, Pan Y, Suomalainen S, Härkönen A, Guina M, Griebner U, Petrov V. 2016. In-band-pumped mode-locked Ho:YAG ceramic laser at 2.1 μm. In 2016 Conference on Lasers and Electro-Optics (CLEO). IEEE. pp. 1-2.

Wang Y, Zhao Y, Pan Z, Suomalainen S, Härkönen A, Guina M, Griebner U, Wang L, Loiko P, Mateos X, Chen W, Petrov V. 2020. 73-fs SESAM mode-locked Tm:Ho:CNGG laser at 2061 nm. Clarkson WA, Shori RK, editors. In Solid State Lasers XXIX: Technology and Devices. SPIE. (Proceedings of SPIE - The International Society for Optical Engineering). <https://doi.org/10.1117/12.2548180>

Vuorinen L, Sariola R. 2015. Improving project control by combining earned value analysis and automatic data collection. In International Research Network in Organizing by Projects Conference 2015: IRNOP. London, U.K. pp. 1.

Vuorinen L, Martinsuo M. 2016. Practice of project control under different levels of complexity in engineering projects. In EURAM (European Academy of Management) conference 2016: Manageable cooperation? June 1-4, 2016 Paris.

Vuorinen L, Martinsuo M. 2017. Managing different types of changes during the lifecycle of a complex delivery project. In The 2017 European Academy of Management (EURAM) Conference: Glasgow, Scotland, 21-24 June, 2017.. EURAM.

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

Vuori V, Helander N. 2019. Knowledge management practices to overcome network-level knowledge barriers: an artificial intelligence powered literature review. In Proceedings of International Forum on Knowledge Asset Dynamics 2019: 5-7 June 2019, Matera, Italy. (IFKAD Proceedings eBooks).

Vuori V, Bor S, Polsa P, Käpylä J, Helander N. 2019. Discovering collaborative and inclusive solutions to co-create multidimensional value in cross-sector collaboration. In Proceedings of the 11th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management: 17-19 September, 2019, Vienna, Austria. SCITEPRESS. pp. 364-369. (IC3K 2019 - Proceedings of the 11th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management).

Vuolle M, Salenius H-R, Lintinen J, Mäkinen J. 2015. Emotion measurement services for knowledge workers. In RESER2015: 25th Annual RESER Conference, September 10-12, 2015 Copenhagen, Denmark. Copenhagen: RESER European Association for Research on Services.

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

Voronin V, Pismenskova M, Zelensky A, Cen Y, Nadykto A, Egiazarian K. 2018. Action recognition using the 3D dense microblock difference. In Counterterrorism, Crime Fighting, Forensics, and Surveillance Technologies II. SPIE. (Proceedings of SPIE). <https://doi.org/10.1117/12.2326801>

Visa A, Einolander J, Vanharanta H. 2015. New tools to help in the recruitment process. In 6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015) and the Affiliated Conferences, AHFE 2015. Elsevier. pp. 653-659. (Procedia Manufacturing). <https://doi.org/10.1016/j.promfg.2015.07.297>

Virtanen T, Mesaros A, Heittola T, Plumbley MD, Foster P, Benetos E, Lagrange M, ed. 2016. Proceedings of the Detection and Classification of Acoustic Scenes and Events 2016 Workshop (DCASE2016). Tampere University of Technology. Department of Signal Processing. 119 p.

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

Virtanen J-P, Hyyppä H, Stähle P, Kalliokoski S, Kähkönen KE, Ahlavo M, Launonen P, Hyyppä J, Kukko A, Julin A. 2016. New value chains to construction: advancing products and services. Achour N, editor. In Proceedings of the 20th CIB World Building Congress 2016: Advancing products and services. Tampere University of Technology. Department of Civil Engineering. pp. 954-965.

Virtanen J, Kamppi A, Pekkarinen E, Määttä J-M, Järvinen J, Matilainen LJ, Teuho M, Hämäläinen T. 2017. Kactus2: A graphical EDA tool built on the IP-XACT standard. The Journal of Open Source Software. 2(13):1. <https://doi.org/10.21105/joss.00151>

Viro E, Eriksson S-L. 2015. Projektioppiminen yläkoulun matematiikassa. LUMAT: International Journal on Math, Science and Technology Education. 3(7):1005-1009.

Viro IE, Joutsenlahti J. 2018. Projektityöskentelyn kehittäminen yläkoulun matematiikan opetuksessa. FMSEJA Journal . 2(1):90-99.

Virkki J, Chen X, Björninen T, Ukkonen L. 2017. Embroidered antennas and antenna-electronics interfaces for wearable RFID tags. In IMWS-AMP 2017 International Microwave Workshop Series on Advanced Materials and Processes. IEEE. <https://doi.org/10.1109/IMWS-AMP.2017.8247437>

Vinha J, Hedman M, Sirén K, Harsia P, Pentti M, Teriö O, Heljo J, Laukkarinen A, Annala P, Kaasalainen H, Jokisalo J, Pihlajamaa P. 2015. Uudessa COMBI-hankkeessa tutkitaan energiatehokkaan palvelurakentamisen haasteita ja ratkaisuja . Vinha J, Ruuska T, editors. In Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere.. Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka. pp. 487-496. (Rakennustekniikan laitos. Rakennetekniikka. Seminaarijulkaisu; 4).

Vinha J, Ruuska T, ed. 2015. Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 20.-22.10.2015, Tampere. Seminaarijulkaisu 4. Tampere: Tampereen teknillinen yliopisto. Rakennustekniikan laitos. (Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, seminaarijulkaisu).

Vinha J. 2015. Uusi Rakennusfysiikan käsikirja - perustiedot rakennusfysikaalisesta suunnittelusta ja tutkimuksista. Vinha J, Ruuska T, editors. In Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere. Tampere: Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka. pp. 115-120.

Vinha J. 2015. Uusi Rakennusfysiikan käsikirja. In Sisäilmastoseminaari 2015. pp. 167-172. (Sisäilmastoyhdistys raportti; 33).

Vinha J. 2015. Rakennusten rakennusfysikaalisen suunnittelun ja toteutuksen periaatteet. In Rakentajain kalenteri 2016. Rakennustieto Oy. pp. 399-426. (Rakentajain kalenteri).

Vinberg M, Malaska M, Peltonen S. 2014. The behaviour of transverse bar reinforcement of slim floor beams in precast floors. Landolfo R, Mazzolani F, editors. In Eurosteel 2014 : 7th European Conference on Steel and Composite Structures, 10.-12.9.2014, Naples, Italy. Belgium: ECCS - European Convention for Constructional Steelwork.

Vilppo O, Markkula J. 2015. Feasibility of electric buses in public transport. In EVS28 28th International Electric Vehicle Symposium and Exhibition.

Vilmi P, Nelo M, Voutilainen J-V, Palosaari J, Pörhönen J, Tuukkanen S, Jantunen H, Juuti J, Fabritius T. 2016. Fully printed memristors for a self-sustainable recorder of mechanical energy. Flexible and Printed Electronics. 1(2). <https://doi.org/10.1088/2058-8585/1/2/025002>

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

Viinamäki J, Jokipii J, Suntio T. 2015. Effect of Inductor Saturation on the Harmonic Currents of Grid-Connected Three-Phase VSI in PV Application. In 2015 9th International Conference on Power Electronics and ECCE Asia (ICPE-ECCE Asia), 1-5 June 2015, Seoul. IEEE. pp. 1209-1216. <https://doi.org/10.1109/ICPE.2015.7167934>

Vihola J, Sorri J, Heljo J, Kero P. 2015. Heat Loss Rate of the Finnish Building Stock. Procedia Economics and Finance. 21:601-608. [https://doi.org/10.1016/S2212-5671\(15\)00218-X](https://doi.org/10.1016/S2212-5671(15)00218-X)

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

Viheriälä J, Aho AT, Mäkelä J, Salmi J, Virtanen H, Leinonen T, Dumitrescu M, Guina M. 2016. High-power 1550 nm tapered DBR lasers fabricated using soft UV-nanoimprint lithography. In High-Power Diode Laser Technology and Applications XIV. SPIE. (SPIE Conference Proceedings). <https://doi.org/10.1117/12.2207423>

Viheriälä J, Aho A, Virtanen H, Koskinen M, Dumitrescu M, Guina M. 2017. 1180 nm GaInNAs quantum well based high power DBR laser diodes. Zediker MS, editor. In High-Power Diode Laser Technology XV. SPIE. (Proceedings of SPIE). <https://doi.org/10.1117/12.2251317>

Viheriälä J, Tuorila H, Zia N, Cherchi M, Aalto T, Guina M. 2019. 1.3 μ m U-bend traveling wave SOA devices for high efficiency coupling to silicon photonics. Reed GT, Knights AP, editors. In Silicon Photonics XIV. SPIE, IEEE. (Proceedings of SPIE - The International Society for Optical Engineering). <https://doi.org/10.1117/12.2505935>

Viheriäkoski T, Kokkonen M, Tamminen P, Karja E, Hillberg J, Smallwood J. 2014. Electrostatic Threats in Hospital Environment. In 2014 36TH Electrical overstress/electrostatic discharge symposium (EOS/ESD). IEEE COMPUTER SOC. (Electrical Overstress Electrostatic Discharge Symposium).

Viheriäkoski T, Kohtamäki J, Peltoniemi T, Tamminen P. 2015. Benchmarking of Factory Level ESD Control. In Electrical Overstress/Electrostatic Discharge Symposium Proceedings 2015. USA: IEEE COMPUTER SOC. <https://doi.org/10.1109/EOSESD.2015.7314769>

Viheriäkoski T, Kohtamäki J, Peltoniemi T, Tamminen P. 2015. Uncertainties in Charge Measurements of ESD Risk Assessment. In Electrical Overstress / Electrostatic Discharge Symposium Proceedings 2015. USA: IEEE COMPUTER SOC. <https://doi.org/10.1109/EOSESD.2015.7314802>

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

Viheriäkoski T, Kärjä E, Gärtner R, Tamminen P. 2017. Electrostatic discharge characteristics of conductive polymers. In Electrical Overstress/Electrostatic Discharge Symposium Proceedings 2017, EOS/ESD 2017. ESD Association.

Viheriäkoski T, Jokinen V, Smallwood J, Korpipää A, Tamminen P. 2017. Qualification challenges of footwear and flooring systems. In Electrical Overstress/Electrostatic Discharge Symposium Proceedings 2017, EOS/ESD 2017. ESD Association.

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

Vepsäläinen T 2015. Model-Driven Development of Control Applications: On Modeling Tools, Simulations and Safety. Tampere University of Technology. 115 p. (Tampere University of Technology. Publication).

Vehmas R, Jylhä J, Väilä M, Kylmä J. 2015. A computationally feasible optimization approach to inverse SAR translational motion compensation. In Proceedings of the 12th European Radar Conference (EuRAD 2015). IEEE. pp. 17-20. <https://doi.org/10.1109/EuRAD.2015.7346226>

Veber A, Lu Z, Vermillac M, Pigeonneau F, Blanc W, Petit L. 2019. Nano-structured optical fibers made of glass-ceramics, and phase separated and metallic particle-containing glasses. *Fibers*. 7(12). <https://doi.org/10.3390/fib7120105>

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

Väyrynen H, Vasell T, Helander N, Boedeker M, Andersson T. 2015. The Role of Customer Experience in Value Creation in Business-to-Business Context. In *23rd Nordic Academy of Management Conference: NFF 2015*. Nordic Academy of Management. pp. 146.

Väyrynen H, Helander N, Kukko M. 2014. Knowledge Management Practices in Large Companies. *The Macrotheme Review*. 3(9):56-72.

Väyrynen T, Peltokangas S, Anttila E, Viikko M. 2015. Data-Driven Approach for Analysis of Performance Indices in Mobile Work Machines. Klemas T, Chan S, editors. In *DATA ANALYTICS 2015, The Fourth International Conference on Data Analytics*. pp. 81-86.

Väyrynen H, Helander N. 2015. Knowledge Management operationalization – how it differs in large enterprises and SMEs in Finland. In *23rd Nordic Academy of Management Conference: NFF 2015*. Nordic Academy of Management. pp. 1-27.

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

Vats S, Rissanen M. 2016. Parameters Affecting the Upcycling of Waste Cotton and PES/CO Textiles. *Recycling*. 1(1):166-177. <https://doi.org/10.3390/recycling1010166>

Vasell T, Vuolle M, Petrulaitiene V, Nenonen S, Jylhä T. 2016. Identifying and measuring customer value - case multi-locational worker. Nielsen S, Jensen PA, editors. In *Research papers for EuroFM's 15th research symposium at EFMC2016: 8-9 June 2016 in Milan, Italy*. EuroFM. pp. 143-151.

Värri A. 2015. Balancing Expectations to the Health Software Production Process Standard. In *The 3rd International Virtual Research Conference In Technical Disciplines*. (RCITD - Proceedings in Research Conference in Technical Disciplines). <https://doi.org/10.18638/rcitd.2015.3.1.71>

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

Vänttinen K, Tuominen E, Vinha J. 2017. Betonin kosteusteknisten materiaaliominaisuuksien määrittäminen. Vinha J, Kivioja H, editors. In *Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere*. Tampere: Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka. pp. 461-470. (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.).

Van Mellaert R, Mela K, Tiainen T, Heinisuo M, Lombaert G, Schevenels M. 2016. A mixed-integer linear programming approach for global discrete size optimization of frame structures. In *ECCOMAS Congress 2016 - Proceedings of the 7th European Congress on Computational Methods in Applied Sciences and Engineering: Crete; Greece; 5 June 2016 through 10 June 2016*. National Technical University of Athens. pp. 3395-3408.

Vanharanta H, Kantola J, Seikola S. 2015. Customers' conscious experience in a coffee shop. In *6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015) and the Affiliated Conferences, AHFE 2015*. Elsevier. pp. 618-625. (Procedia Manufacturing). <https://doi.org/10.1016/j.promfg.2015.07.283>

- Vanharanta H, Kantola J. 2015. Proactive vision for strategy making. In 6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015) and the Affiliated Conferences, AHFE 2015. Elsevier. pp. 587-594. (Procedia Manufacturing). <https://doi.org/10.1016/j.promfg.2015.07.272>
- Vanhalakka J, Ilvonen I, Väättäjä H. 2017. Utilizing knowledge networks in virtual or augmented reality solution creation. Marimon F, Mas-Machuca M, Berbegal-Mirabent J, Bastida R, editors. In Proceedings of the 18th European Conference on Knowledge Management ECKM 2017: 7-8 September 2017, Barcelona, Spain. Academic Conferences and Publishing International. pp. 1008-1014.
- Valtonen K, Tiainen T. 2015. Hard Rock (- ei Hallelujah, vaan) Tribology: Pohjoismainen kaivosteollisuuden kulumisongelmiin keskittyvä kurssi ja seminaari Tampereella. *Materia*. 2015(1):30-33.
- Valmari A, Kaarakka T. 2016. MathCheck: a tool for checking math solutions in detail. In SEFI 2016 Annual Conference Proceedings: Engineering Education on Top of the World: Industry University Cooperation. European Society for Engineering Education SEFI.
- Valmari A, Hella L. 2017. The logics taught and used at high schools are not the same. Karhumäki J, Matiyasevich Y, Saarela A, editors. In Proceedings of the Fourth Russian Finnish Symposium on Discrete Mathematics. Turku: TURKU CENTRE FOR COMPUTER SCIENCE. pp. 172-186. (TUCS Lecture Notes; 26).
- Valenti M, Diment A, Parascandolo G, Squartini S, Virtanen T. 2016. DCASE 2016 Acoustic Scene Classification Using Convolutional Neural Networks. In Proceedings of the Detection and Classification of Acoustic Scenes and Events 2016 Workshop (DCASE2016). Tampere University of Technology. Department of Signal Processing.
- Vajaranta M, Kannisto J, Harju J. 2016. Implementation Experiences and Design Challenges for Resilient SDN Based Secure WAN Overlays. In 2016 11th Asia Joint Conference on Information Security (AsiaJCIS). IEEE. pp. 17-23. <https://doi.org/10.1109/AsiaJCIS.2016.25>
- Vaittinen E, Nenonen S. 2015. Consumer acceptance in new service innovation: Enhancing consumer durables with new product-related services. In Proceedings of the 22nd Innovation Product Development Management Conference (IPDMC) . (International Product Development Management Conference).
- Vaittinen E, Martinsuo M, Nenonen S. 2016. Enhancing the acceptance of advanced services among users of complex systems. Baines T, Harrison D, Zolkiewski J, editors. In Servitization: Shift, Transform, Grow: Proceedings of the Spring Servitization Conference, 16-17 May 2016 (SSC2016). pp. 162-170.
- Vaittinen E, Martinsuo M. 2018. Ready to sell? Requirements for promoting service selling in a manufacturing firm. Bigdeli A, Frandsen T, Raja J, Baines T, editors. In Proceedings of the Spring Servitization Conference, Driving Competitiveness through Servitization, 14-16 May 2018. Aston University. pp. 26-34.
- Vainio T, Walsh T, Varsaluoma J. 2015. Cross-Cultural Design of Mobile Mathematics Learning Service for South African Schools. *IADIS International Journal on WWW/Internet*. 12(1):81-93.
- Vainio T, Walsh T. 2015. Learning maths with mobiles: Cross-cultural design of technology with experiences in South-Africa and Finland. In Integrating Touch-Enabled and Mobile Devices into Contemporary Mathematics Education. IGI Global. pp. 79-96. <https://doi.org/10.4018/978-1-4666-8714-1.ch004>
- Vainio VV, Pulkkinen A. 2016. A follow-up case study of the relation of PLM Architecture, Maturity and Business processes. In Product Lifecycle Management in the Era of Internet of Things: 12th IFIP WG 5.1 International Conference, PLM 2015, Doha, Qatar, October 19-21, 2015, Revised Selected Papers. Springer New York LLC. pp. 867-873. (IFIP Advances in Information and Communication Technology). https://doi.org/10.1007/978-3-319-33111-9_79
- Vainio T, Walsh T. 2016. Learning Maths with mobiles: Cross-cultural design of technology with experiences in South-Africa and Finland. In Blended Learning: Concepts, Methodologies, Tools, and Applications. IGI Global. pp. 741-759. <https://doi.org/10.4018/978-1-5225-0783-3.ch037>

Vainio M. 2020. Continuous-wave optical parametric oscillators for mid-infrared spectroscopy. Schunemann PG, Schepler KL, editors. In *Nonlinear Frequency Generation and Conversion: Materials and Devices XIX*. SPIE. (Proceedings of SPIE - The International Society for Optical Engineering). <https://doi.org/10.1117/12.2548711>

Väätäjä H. 2015. Characterizing the Context of Use in Mobile Work. In *Human Work Interaction Design. Work Analysis and Interaction Design Methods for Pervasive and Smart Workplaces: 4th IFIP 13.6 Working Conference, HWID 2015*, London, UK, June 25-26, 2015, Revised Selected Papers. Springer Verlag. pp. 97-113. (IFIP Advances in Information and Communication Technology). https://doi.org/10.1007/978-3-319-27048-7_7

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

Uusitalo T, Virtanen H, Viheriälä J, Salmi JO, Aho A, Dumitrescu M. 2015. Dual-Mode Behavior in Multi-Section DFB Semiconductor Lasers with Laterally-Coupled Ridge-Waveguide Surface Gratings. In *The European Conference on Lasers and Electro-Optics 2015*. OSA - The Optical Society.

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

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

Utriainen R, Pöllänen M. 2017. Review on mobility as a service in scientific literature. In *Conference Proceedings 1st International Conference on Mobility as a Service: ICoMaaS, Tampere 28.-29.11.2017*. Tampere University of Technology. pp. 141-155.

Ustimchik V, Fedotov A, Rissanen J, Noronen T, Gumenyuk R, Chamorovskii Y, Filippov V. 2020. Green picosecond narrow-linewidth tapered fiber laser system. Dong L, editor. In *Fiber Lasers XVII: Technology and Systems*. SPIE. pp. 246 - 251. (Proceedings of SPIE). <https://doi.org/10.1117/12.2546003>

Us D, Brzezinski K, Buitenhuis T, Dendooven P, Ruotsalainen U. 2018. Evaluation of Median Root Prior for Robust In-Beam PET Reconstruction. *IEEE Transactions on Radiation and Plasma Medical Sciences*. 2(5):490-498. <https://doi.org/10.1109/TRPMS.2018.2854231>

Uotila U, Saari A, Junnonen J-M. 2018. Laser Scanning Tasks of Building Refurbishment Project. In *Proceedings of the 17th International Conference on Computing in Civil and Building Engineering (ICCCBE)*.

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

Turunen E, Navara M. 2015. Infinitesimals and Pavelka logic. Alonso JM, Bustince H, Reformat M, editors. In *PROCEEDINGS OF THE 2015 CONFERENCE OF THE INTERNATIONAL FUZZY SYSTEMS ASSOCIATION AND THE EUROPEAN SOCIETY FOR FUZZY LOGIC AND TECHNOLOGY*. PARIS: Atlantis Press. pp. 1027-1033. (Advances in Intelligent Systems Research). <https://doi.org/10.2991/ifsa-eusflat-15.2015.145>

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

Turquet L, Bautista G, Kakko J-P, Karvonen L, Dhaka V, Chen Y, Jiang H, Huhtio T, Lipsanen H, Kauranen M. 2015. Tunable second-harmonic generation in a single nanostructure. In The Eleventh Finland-Japan Joint Symposium on Optics in Engineering.

Turquet L, Kauranen M, Bautista G. 2016. Use of high-order beams to calibrate spatial light modulators for microscopy.

Tuominen E, Vinha J. 2015. Laastien vedenimukertoimen määrittämisen virhelähdekokeet. Vinha J, Ruuska T, editors. In Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere. Tampere: Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka. pp. 239-244.

Tuominen E, Vinha J. 2015. Kapillaaristen vedenimuominaisuuksien määrittämiseen sopivan vapaan vedenimukoelaitteiston kehittäminen. Vinha J, Ruuska T, editors. In Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere. Tampere: Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka. pp. 233-238.

Tuominen E, Vainio M, Vinha J. 2017. Suomessa markkinoilla olevien kalsiumsilikaattilevyjen rakennusfysikaaliset materiaaliominaisuudet. Vinha J, Kivioja H, editors. In Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere. Tampere: Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka. pp. 455-460. (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.).

Tuominen E, Vinha J, Raunima T. 2019. Behavior of capacitive humidity sensors in monitoring the drying of concrete walls . MATEC Web of Conferences. 282. <https://doi.org/10.1051/mateconf/201928202053>

Tuominen E, Vinha J. 2019. Calculation method to determine capillary properties of building materials with automatic free water intake test. MATEC Web of Conferences. 282. <https://doi.org/10.1051/mateconf/201928202037>

Tuominen E, Tuominen O, Vainio M, Ruuska T, Vinha J. 2019. Thermal and moisture properties of calcium silicate insulation boards. MATEC Web of Conferences. 282. <https://doi.org/10.1051/mateconf/201928202065>

Tuokko R, Lanz M, Luostarinen P, ed. 2012. International Workshop on MicroFactories (IWMF 2012): 17th-20th June 2012 Tampere Hall Tampere, Finland. Tampere University of Technology. Department of Production Engineering. 186 p.

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

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

Tukiainen A, Aho A, Polojärvi V, Ahorinta R, Guina M. 2016. High efficiency dilute nitride solar cells: Simulations meet experiments. Journal of Green Engineering. 5(3-4):113-132. <https://doi.org/10.13052/jge1904-4720.5348>

Tukiainen MO. 2016. Students as mystery shoppers: lowering knowledge sharing barriers in higher education. In 44th Annual Conference Of The European Society For Engineering Education: 12-15 September 2016, Tampere, Finland. Tampere.

Tuhtan JA, Strokina N, Toming G, Muhammad N, Kruusmaa M, Kämäräinen J-K. 2015. Hydrodynamic Classification of Natural Flows Using an Artificial Lateral Line and Frequency Domain Features. In 36th IAHR World Congress.

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

- Tomberg T, Vainio M, Hieta T, Halonen L. 2018. Sub-parts-per-trillion sensitivity in trace gas detection by cantilever-enhanced photo-acoustic spectroscopy. In CLEO: Applications and Technology, CLEO_AT 2018. OSA - The Optical Society. https://doi.org/10.1364/CLEO_AT.2018.ATH10.8
- Tokola H, Niemi E, Väistö V. 2016. Lean manufacturing methods in simulation literature: Review and association analysis. In 2015 Winter Simulation Conference (WSC). pp. 2239-2248. <https://doi.org/10.1109/WSC.2015.7408336>
- Toivari E, Manninen T, Nahata AK, Jalonen TO, Linne M-L. 2010. Calcium signaling in astrocytes: modeling Fura-2AM measurements. *Frontiers in Neuroscience*. <https://doi.org/10.3389/conf.fnins.2010.13.00061>
- Toenger S, Godin T, Billet C, Dias F, Erkintalo M, Genty G, Dudley JM. 2015. Dynamics of rogue wave and soliton emergence in spontaneous modulation instability. In CLEO: QELS - Fundamental Science, CLEO_QELS 2015. Optical Society of America (OSA). https://doi.org/10.1364/CLEO_QELS.2015.FW4D.2
- Toenger S, Godin T, Billet C, Dias F, Erkintalo M, Genty G, Dudley JM. 2015. Breathers Emergence in Spontaneous Modulation Instability. In European Quantum Electronics Conference 2015. Optical Society of America (OSA).
- Toenger S, Ahvenjärvi J, Ryczkowski P, Genty G. 2018. Intensity Interferometry of Supercontinuum Light. Setälä T, Turunen J, T. Friberg A, Saastamoinen K, editors. In Trends in Electromagnetic Coherence. Joensuu: University of Eastern Finland. (Publications of the University of Eastern Finland. Reports and studies in forestry and natural sciences; 32).
- Tiitola V, Korhonen T, Laine T, Lyly-Yrjänäinen J. 2019. Dynamics of value in technology inspired value co-creation: Case in homecare value network. In 14th IFKAD 2019 Proceedings: 5-7 June 2019, Matera, Italy. IKAM Centro Studi & Ricerche. (PROCEEDINGS IFKAD).
- Tiira J, Radevici I, Haggren T, Hakkarainen T, Kivisaari P, Lyytikäinen J, Aho A, Tukiainen A, Guina M, Oksanen J. 2017. Intracavity double diode structures with GaInP barrier layers for thermophotonic cooling. In Proc. SPIE 10121: Optical and Electronic Cooling of Solids II. SPIE. (Proceedings of SPIE). <https://doi.org/10.1117/12.2250843>
- Tiihonen J, Schramm A, Kylänpää I, Rantala T. 2016. Finite temperature path-integral modeling of quantum dot cellular automata. Paper presented at PHYSICS DAYS / FYSIIKAN PÄIVÄT : ANNUAL MEETING OF THE FINNISH PHYSICAL SOCIETY, .
- Tiainen T, Mela K, Jokinen T, Heinisuo M. 2014. Optimization of high strength steel tubular trusses. In Eurosteel 2014 7th European conference on steel and composite structures.
- Tiainen T, Heinisuo M. 2015. Teräsristikon paarteiden liitoksen vapaan välin leikkausvoiman arviointi. In Proceedings of the XII Finnish Mechanics Days. Suomen XII Mekaniikkapäivien esitelmät. Rakenteiden Mekaniikan Seura ry. pp. 30-35.
- Teymouri S, Calejo MT, Hiltunen M, Sorkio AE, Juuti-Uusitalo K, Skottman H, Kellomäki M. 2017. Collagen-immobilized polyimide membranes for retinal pigment epithelial cell adherence and proliferation. *Cogent Chemistry*. 3(1). <https://doi.org/10.1080/23312009.2017.1292593>
- Tewfik M, Amr A. 2014. Arbitrary Land Use Policy in Jordan between Legal Brand and Property Control. *European International Journal of Science and Technology*. 3(9):86-93.
- Teriö O, Sorri J. 2015. Energiatohokkuus rakennusalan ammattityövoiman täydennyskoulutuksessa. Vinha J, Ruuska T, editors. In Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere. Tampere: Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka. pp. 97-102.

- Teriö O, Hämäläinen J, Uotila U, Sorri J, Saari A. 2016. Moisture and building processes in Finland. Kähkönen K, Keinänen M, editors. In Proceedings of the 20th CIB World Building Congress 2016: Volume I - Creating built environments of new opportunities. (Tampere University of Technology. Department of Civil Engineering. Construction Management and Economics. Report; Vol. 18).. Tampere: Tampere University of Technology. Department of Civil Engineering. pp. 907-917.
- Teriö O, Penttilä O, Laukkarinen A, Musakka S, Vinha J. 2017. Puukerrostalorakentamisen kosteudenhallinta. Vinha J, Kivioja H, editors. In Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere. Tampere: Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka. pp. 173-178. (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.).
- Tenucci A, Laine T. 2016. Management accounting and new service development under servitization: literature review and case studies. In Proceedings of the Manufacturing Accounting Research Conference 2016: Lisbon, Portugal, June 15-17, 2016.
- Tenhunen M 2015. Detection and Assessment of Sleep-Disordered Breathing with Special Interest of Prolonged Partial Obstruction. Tampere: Tampere University of Technology. 77 p. (Tampere University of Technology. Publication).
- Tartia J. 2015. Arkinen liikkuminen kontekstina kaupunkitilan tarkasteluun. Versus.
- Tariq AB. 2012. Beaconing in a highway scenario: Vulnerable vehicles problem. In Proceedings of the 11th Conference of Open Innovations Association FRUCT, FRUCT 2012. IEEE. pp. 169-175. <https://doi.org/10.23919/FRUCT.2012.8253122>
- Tappura S, Hyytinen T, Kivistö-Rahnasto J, Nenonen N, Vasara J 2015. Turvallisuuden johtajat - Esimiesten johtajuus, osaaminen ja sitoutuminen. Tampere: Tampereen teknillinen yliopisto; Tampereen yliopisto. 144 p.
- Tappura S, Nenonen N, Kivistö-Rahnasto J. 2015. How to support managers' commitment to safety management and leadership in organizations: good practices from the managers' viewpoint. In WOS 8th international conference - Book of Abstracts .
- Tanskanen JMA, Kapucu FE, Hyttinen JAK. 2015. On the threshold based neuronal spike detection, and an objective criterion for setting the threshold. In International IEEE/EMBS Conference on Neural Engineering, NER. IEEE COMPUTER SOCIETY PRESS. pp. 1016-1019. <https://doi.org/10.1109/NER.2015.7146799>
- Tani T, Naganuma H, Harashima T, Iwagami T, Kino H, Kiyoyama K, Kellomäki M, Hyttinen J, Tanaka T. 2014. Development of Si neural probe module with adjustable gain amplifier for neuronal signal recording. Transactions of Japanese Society for Medical and Biological Engineering. 52:O-377-O-378. <https://doi.org/10.11239/jsmbe.52.O-377>
- Tan LC, Nancharaiah YV, van Hullebusch ED, Lens PNL. 2018. Effect of elevated nitrate and sulfate concentrations on selenate removal by mesophilic anaerobic granular sludge bed reactors. Environmental Science: Water Research & Technology. 4(2):303-314 . <https://doi.org/10.1039/C7EW00307B>
- Tamminen P, Viheriäkoski T, Reinvuo T, Sydänheimo L, Ukkonen L. 2014. Field Collapse Event ESD Test Method. In 2014 36TH Electrical overstress/electrostatic discharge symposium (EOS/ESD). IEEE COMPUTER SOC. (Electrical Overstress Electrostatic Discharge Symposium).
- Tamminen P, Sydänheimo L, Ukkonen L. 2014. ESD Sensitivity of 01005 Chip Resistors and Capacitors. In 2014 36TH Electrical Overstress/Electrostatic Discharge Symposium (EOS/ESD). IEEE COMPUTER SOC. (Electrical Overstress Electrostatic Discharge Symposium).
- Tamminen P, Ukkonen L, Sydänheimo L. 2015. The effect of USB ground cable and product dynamic capacitance on IEC61000-4-2 qualification. In Electrical Overstress / Electrostatic Discharge Symposium Proceedings 2015. USA: IEEE COMPUTER SOC. <https://doi.org/10.1109/EOSESD.2015.7314766>

Tamminen P, Viheriäkoski T, Ukkonen L, Sydänheimo L. 2015. ESD and Disturbance Cases in Electrostatic Protected Areas. In *Electrical Overstress / Electrostatic Discharge Symposium Proceedings 2015*. USA: IEEE COMPUTER SOC. <https://doi.org/10.1109/EOSESD.2015.7314792>

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

Takala A, Korhonen-Yrjänheikki K. 2015. Are Finns walking the talk?: Examining the national collaboration process on engineering education for sustainable development five years later. In *Conference on Engineering Education for Sustainable Development (7th : 2015 : Vancouver, B.C.)*. <https://doi.org/10.14288/1.0064702>

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

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

Taivalsaari A, Mikkonen T. 2017. The Web as a software platform: Ten years later. In *WEBIST 2017 - Proceedings of the 13th International Conference on Web Information Systems and Technologies*. SCITEPRESS. pp. 41-50. <https://doi.org/10.5220/0006234800410050>

Taivalsaari A, Mikkonen T, Systä K, Pautasso C. 2018. Web User Interface Implementation Technologies: An Underview. In *14th International Conference on Web Information Systems and Technologies*. SCITEPRESS. pp. 127-136. <https://doi.org/10.5220/0006885401270136>

Taibi D, Lenarduzzi V, Dieudonne L, Plociennik C. 2015. Towards a Classification Schema for Development Technologies: an Empirical Study in the Avionic Domain. *INTERNATIONAL JOURNAL ON ADVANCES IN SOFTWARE*. 8(1&2):125-135.

Taibi D, Lenarduzzi V, Pahl C. 2018. Architectural patterns for microservices: A systematic mapping study. In *CLOSER 2018 - Proceedings of the 8th International Conference on Cloud Computing and Services Science*. SCITEPRESS. pp. 221-232. <https://doi.org/10.5220/0006798302210232>

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

Taibi D, El Ioini N, Pahl C, Niederkofler JRS. 2020. Patterns for serverless functions (Function-as-a-Service): A multivocal literature review. Ferguson D, Helfert M, Pahl C, editors. In *CLOSER 2020 - Proceedings of the 10th International Conference on Cloud Computing and Services Science*. SCITEPRESS. pp. 181-192. <https://doi.org/10.5220/0009578501810192>

Tafintsev N, Moltchanov D, Simsek M, Yeh SP, Andreev S, Koucheryavy Y, Valkama M. 2020. Reinforcement learning for improved UAV-based integrated access and backhaul operation. In *2020 IEEE International Conference on Communications Workshops, ICC Workshops 2020 - Proceedings*. IEEE. (IEEE/CIC international conference on communications in China - workshops). <https://doi.org/10.1109/ICCWorkshops49005.2020.9145423>

Systä K, Vuori M, Järvinen H-M, Ahtee T, Sten H. 2016. Project types and industrial collaboration in project-based learning . Järvinen H-M, Clark R, editors. In *Proceedings of SEFI 2016 annual conference*. Tampere / Brussels: European Society for Engineering Education SEFI.

Syed MMM 2015. On the Socio-Technical Dependencies in Free/Libre/Open Source Software Projects. Tampere University of Technology. (Tampere University of Technology. Publication).

Suominen AH, Mäenpää S, Breite R. 2015. Public-sector as an Initiator in a Collaborative Innovation Process. In The XXVI ISPIM Innovation Conference – Shaping the Frontiers of Innovation Management – Budapest, Hungary, 14-17 June 2015. International Society for Professional Innovation Management ISPIM.

Suominen A, Breite R. 2015. Network archetypes in the network formation phase - case new market entry of Finnish maritime network. In 22nd International Annual EurOMA Conference Neuchâtel, Switzerland 28 June – 1 July 2015.

Suominen A. 2015. Enablers and barriers of inter-organizational network's formation for new market entry: case Finnish maritime industry. In 31st EGOS Colloquium, General Theme, Organizations and the Examined Life: Reason, Reflexivity and Responsibility, July 2–4, 2015 Athens, Greece. SAGE Publications. (Organization Studies).

Suominen O, Mörsky V, Ritala R, Vilkkö M. 2016. Framework for optimization and scheduling of a copper production plant . In 26th European Symposium on Computer Aided Process Engineering, 2016. Elsevier Science B.V. pp. 1243-1248. (Computer Aided Chemical Engineering). <https://doi.org/10.1016/B978-0-444-63428-3.50212-5>

Suominen A, Mäenpää S. 2016. Power bases in lead organization network governance form: a multi-level approach. Paper presented at European Group for Organizational Studies Colloquium, .

Suominen AH, Mäenpää S. 2017. Knowledge sharing in knowledge collectivity: case digitalization in industrial network. Marimon F, Mas-Machuca M, Berbegal-Mirabent J, Bastida R, editors. In Proceedings of the 18th European Conference on Knowledge Management ECKM 2017: 7-8 September 2017, Barcelona, Spain. Academic Conferences and Publishing International. pp. 956-963.

Suominen A, Hajikhani A, Seppänen M. 2019. Revisiting technological depths and breadths effects on firm performance: the case of pharmaceutical industry. In Proceedings of International Society for Professional Innovation Management (ISPIM): 16-19 June, 2019, Florence, Italy. International Society for Professional Innovation Management ISPIM.

Suominen A, Jonsson V, Bäckman J, Halvari S. 2019. Task-setting strategies for hackathon goal achievement in industrial intra-organizational innovation. Bitran I, editor. In The ISPIM Innovation Conference – Celebrating Innovation: 500 Years Since daVinci: 16-19 June 2019, Florence, Italy. Florence, Italy: International Society for Professional Innovation Management ISPIM.

Suomala P, Hilden S. 2015. Towards Capturing Interaction in the Interactive Use of Controls - The Role of Reflection. In 8th conference on performance measurement and management control, Nice, France, September 30 October 2, 2015. (Conference on performance measurement and management control).

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

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

Suojanen M, Kuikka V, Nikkarila JP, Nurmi J. 2015. An example of scenario-based evaluation of military capability areas An impact assessment of alternative systems on operations. In 9th Annual IEEE International Systems Conference, SysCon 2015 - Proceedings. The Institute of Electrical and Electronics Engineers, Inc. pp. 601-607. <https://doi.org/10.1109/SYSCON.2015.7116817>

Sundberg H-R, Seppänen M. 2015. User experience in technology investment decisions of industrial firms. In 22nd Innovation & Product Development Management Conference, IPDMC. Copenhagen: EIASM.

Subramaniyam NP, Hyttinen J, Hatsopoulos NG, Takahashi K. 2015. Recurrence network analysis of wide band oscillations of local field potentials from the primary motor cortex reveals rich dynamics. In International IEEE/EMBS Conference on Neural Engineering, NER. IEEE COMPUTER SOCIETY PRESS. pp. 960-963. <https://doi.org/10.1109/NER.2015.7146785>

Stupnikov A, Glazko GV, Emmert-Streib F. 2015. Effects of subsampling on characteristics of RNA-seq data from triple-negative breast cancer patients. *Chinese Journal of Cancer*. 34(10). <https://doi.org/10.1186/s40880-015-0040-8>

Strzelczak S, Balda P, Garetti M, Lobov A, ed. 2015. Open knowledge-driven manufacturing & logistics - The eScop approach. Warsaw, Poland: Warsaw University of Technology Publishing House. 404 p.

Stoykova E, Nazarova D, Berberova N, Gotchev A, Ivanov B, Mateev G. 2017. Dynamic laser speckle metrology with binarization of speckle patterns. In 19th International Conference and School on Quantum Electronics: Laser Physics and Applications. SPIE. (Proceedings of SPIE). <https://doi.org/10.1117/12.2262330>

Stormi K, Laine T, Suomala P. 2016. Customer lifetime value in manufacturing services. In Proceedings of the Manufacturing Accounting Research Conference 2016: Lisbon, Portugal, June 15-17, 2016. Belgium: European Institute for Advanced Studies in Management EIASM.

Stormi K, Laine T, Korhonen T. 2016. Agile methods in performance management system development process. In 10th Conference On New Directions In Management Accounting, Brussels, Belgium, December 14-16, 2016.

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

Stentoft J, Olhager J, Heikkilä J, Thoms L. 2015. Moving manufacturing back: a content-based literature review. In 22nd EurOMA Conference: Operations management for sustainable competitiveness. Neuchatel, Switzerland.

Startceva S, Chandraseelan JG, Visa A, Ribeiro AS. 2016. Quantitative Estimation of Long-living Fluorescent Molecules from Temporal Fluorescence Intensity Data Corrupted by Nonzero-mean Noise. In BIOSIGNALS 2016 - 9th International Conference on Bio-Inspired Systems and Signal Processing, Proceedings; Part of 9th International Joint Conference on Biomedical Engineering Systems and Technologies, BIOSTEC 2016. SCITEPRESS. pp. 17-24.

Stanković RS, Astola JT, Moraga C, Stanković M, Gajić D. 2015. Remarks on characterization of bent functions in terms of gibbs dyadic derivatives. In Computer Aided Systems Theory – EUROCAST 2015: 15th International Conference, Las Palmas de Gran Canaria, Spain, February 8-13, 2015, Revised Selected Papers. Springer. pp. 632-639. (Lecture Notes in Computer Science). https://doi.org/10.1007/978-3-319-27340-2_78

Stankovic RS, Astola J, Moraga C. 2018. Gibbs Dyadic Differentiation on Groups - Evolution of the Concept. In Computer Aided Systems Theory – EUROCAST 2017 - 16th International Conference, Revised Selected Papers. Springer Verlag. pp. 229-237. (Lecture Notes in Computer Science). https://doi.org/10.1007/978-3-319-74727-9_27

Stankovic RS, Stankovic M, Astola J, Moraga C. 2018. Towards the Structure of a Class of Permutation Matrices Associated With Bent Functions. In Proceedings of the 13 International Workshop on Boolean Problems. Springer. pp. 83-105. https://doi.org/10.1007/978-3-030-20323-8_4

Spruijt-Metz D, Hekler E, Saranummi N, Intille S, Korhonen I, Nilsen W, Rivera DE, Spring B, Michie S, Asch DA, Sanna A, Salcedo VT, Kukakfa R, Pavel M. 2015. Building new computational models to support health behavior change and maintenance: new opportunities in behavioral research. *Translational Behavioral Medicine*. 5(3):335-346. <https://doi.org/10.1007/s13142-015-0324-1>

Sorsa A, Santa-aho S, Aylott C, Shaw B, Vippola M, Leiviskä K. 2017. Case depth prediction of nitrated components. In 12th International Conference on Barkhausen Noise and Micromagnetic Testing. ICBM. pp. 65-72.

Sorri J, ed. 2013. Moduulirakentaminen: Teräskennoteknologian mahdollisuudet. Tampereen teknillinen yliopisto. Rakennustekniikan laitos. 114 p. (Tampereen teknillinen yliopisto. Rakennustekniikan laitos. Rakennustuotanto ja -talous. Raportti).

Sorri J, Heljo J, Järventausta P, Honkapuro S, Harsia P. 2016. Building Codes and Demand Response of Energy Use. Nenonen S, Junnonen J-M, editors. In 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. pp. 8-21.

Sorri J, Heljo J, Uotila U, Ruusala A. 2017. Energiategohkuusinformaatio palvelurakennuksissa. In Rakennusfysiikka 2017: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut : 24.-26.10.2017, Tampere. Tampere: Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka. pp. 325-330. (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.).

Sorokin M, Strokina N, Eerola T, Lensu L, Karttunen K, Kalviainen H. 2016. Image-based characterization of the pulp flows. Pattern Recognition and Image Analysis. 26(3):630-637. <https://doi.org/10.1134/S1054661816030196>

Sörensen J, Kurki V, Sidaraviciute R, Ngari Kibocha S, Retike I, Ikobe G, Tichonovas M, Elijosiute E, Rajala R. 2015. Interdisciplinary water research network building within Nordic and Baltic countries. Vatten. (71):79-83.

Sommarberg M, Mäkinen S. 2017. Mechanisms of disruptive technological change: Case studies in transformation of traditional industries . In Proceedings in 2017 Portland International Conference in Management and Engineering (PICMET): (PICMET) 9-13 July 2017. IEEE. pp. 1-10. <https://doi.org/10.23919/PICMET.2017.8125297>

Sommarberg M, Mäkinen S. 2018. Technopreneurial Characteristics Rising from the Ashes of Creative Destruction. In Proceedings in 2018 Portland International Conference in Management and Engineering (PICMET): (PICMET) 19-23 August 2018. IEEE. pp. 1-10. <https://doi.org/10.23919/PICMET.2018.8481846>

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

Solomitchii D, Semkin V, Naderpour R, Ometov A, Andreev S. 2017. Comparative evaluation of radio propagation properties at 15 GHz and 60 GHz frequencies. In 2017 9th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT). IEEE. pp. 91-95. <https://doi.org/10.1109/ICUMT.2017.8255207>

Solodko A, Mäkinen S, Lasheras NC, Bedolla JS, Saari U. 2019. Research-industry collaboration: a review of the literature on evaluation methods and motivations. In PICMET 2019 Conference: August 25-29, 2019, Portland, Oregon, USA. Portland. <https://doi.org/10.23919/PICMET.2019.8893878>

Sollami Delekta S, Laurila M-M, Mäntysalo M, Li J. 2020. Drying-Mediated Self-Assembly of Graphene for Inkjet Printing of High-Rate Micro-supercapacitors. Nano-Micro Letters. 12. <https://doi.org/10.1007/s40820-020-0368-8>

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

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

Smallwood J, Tamminen P, Viheriäkoski T. 2014. Optimizing investment in ESD control. In 2014 Electrical Overstress/Electrostatic Discharge Symposium (EOS/ESD). IEEE COMPUTER SOC. (Electrical Overstress Electrostatic Discharge Symposium).

Slablab A, Divya S, Koskinen K, Czaplicki R, Kailasnath M, Radhakrishnan P, Kauranen M. 2015. Second-harmonic generation from thermally-evaporated indium selenide thin films. In The European Conference on Lasers and Electro-Optics 2015: Munich Germany 21–25 June 2015. Optical Society of America. pp. CE_12_4.

Sislian R, Da Silva FV, Gedraite R, Jokinen H, An DKR. 2015. Development of a Low-Cost Fuzzy Gain Schedule Neutralization Control System. In WCECS 2015 - World Congress on Engineering and Computer Science 2015. Newswood Limited. pp. 575-578. (Lecture Notes in Engineering and Computer Science).

Sislian R, da Silva FV, Gedraite R, Jokinen H, Rajan DK. 2017. The use of mathematical modeling for the development of a low cost fuzzy gain schedule neutralization control system. In Transactions on Engineering Technologies: World Congress on Engineering and Computer Science 2015. Springer Singapore. pp. 525-539. https://doi.org/10.1007/978-981-10-2717-8_37

Sirbu A, Rantamäki A, Iakolev V, Mereuta A, Caliman A, Volet N, Lyytikäinen J, Okhotnikov O, Kapon E. 2015. Recent progress in wafer-fused VECSELS emitting in the 1310 nm waveband. Guina M, editor. In Proceedings of SPIE vol. 8966, 2014.. BELLINGHAM: SPIE. (Proceedings of SPIE). <https://doi.org/10.1117/12.2079752>

Singh A, Vihinen J, Frankberg E, Hyvärinen L, Honkanen M, Levänen E. 2017. Effect of Laser Power on Yield of TiO₂ Nanoparticles Synthesized by Pulsed Laser Ablation in Water. *Journal of Ceramic Science and Technology*. 8(1):39-43. <https://doi.org/10.4416/JCST2016-00071>

Silwal B, Rasilo P, Belahcen A, Arkkio A. 2017. Influence of the rotor eccentricity on the torque of a cage induction machine. *Archives of Electrical Engineering*. 66(2):383-396. <https://doi.org/10.1515/ae-2017-0029>

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

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

Silverajan B, Vistiaho P. 2019. Enabling cybersecurity incident reporting and coordinated handling for maritime sector. In 2019 14th Asia Joint Conference on Information Security, AsiaJCIS 2019. IEEE. pp. 88-95. <https://doi.org/10.1109/AsiaJCIS.2019.000-1>

Sillberg P, Veessommai C, Soini J, Jaakkola H. 2017. Web-user-interface system utilizing rhmei and open data for a water quality analyzer. Sornlertlamvanich V, Chawakitchareon P, Hansuebsai A, Koopipat C, Kiyoki Y, Kangassalo H, Thalheim B, Yoshida N, editors. In The Proceedings of the 27th International Conference on Information Modelling and Knowledge Bases, EJC 2017: June 5-9, 2017, Krabi, Thailand. Sirindhorn International Institute of Technology, Thammasat University, Thailand. pp. 444-451.

Sillberg P. 2018. Toward Manageable Data Sources. Endrjukaite T, Kangassalo H, Thalheim B, Kiyoki Y, editors. In EJC 2018: Proceedings of the 28th International Conference on Information Modelling and Knowledge Bases. Transport and Telecommunication Institute. pp. 485-494.

Siljander S, Kiviniemi M, Sarlin E, Lindgren M, Suihkonen R, Vuorinen J. 2015. Erosion testing of filled and/or reinforced vinyl ester composites in water medium at elevated temperature. In Proceedings of the 20th International Conference on Composite Materials.

Siljander S, Lehmonen J, Tanaka A, Ketoja J, Heikkilä P, Lahti J, Sarlin E, Vuorinen J. 2015. The effect of physical adhesion promotion treatments on interfacial adhesion in cellulose-epoxy composite. In Proceedings of the 20th International Conference on Composite Materials.

Siivonen L, Linjama M, Huova M, Försterling H, Stamm E, Deubel T. 2015. Fault Tolerance of Digital Hydraulics in High Dynamic Hydraulic System. In The Fourteenth Scandinavian International Conference on Fluid Power. 1 ed. Tampere, Finland.

Sheikh MU, Lempiainen J. 2018. Analysis of outdoor and indoor propagation at 15 GHz and millimeter wave frequencies in microcellular environment. *Advances in Science, Technology and Engineering Systems*. 3(1):160-167. <https://doi.org/10.25046/aj030120>

Sheikh MU, Hiltunen K, Lempiainen J. 2018. Enhanced outdoor to indoor propagation models and impact of different ray tracing approaches at higher frequencies. *Advances in Science, Technology and Engineering Systems*. 3(2):58-68. <https://doi.org/10.25046/aj030207>

Sheikh M, Biswas R, Lempiainen J, Jantti R. 2019. Assessment of Coordinated Multipoint Transmission Modes for Indoor and Outdoor Users at 28 GHz in Urban Macrocellular Environment. *Advances in Science, Technology and Engineering Systems Journal (ASTESJ)*. 4(2):119-126. <https://doi.org/10.25046/aj040216>

Sharifzadeh S, Tata J, Tan B. 2019. Farm detection based on deep convolutional neural nets and semi-supervised green texture detection using VIS-NIR satellite image. Hammoudi S, Quix C, Bernardino J, editors. In DATA 2019 - Proceedings of the 8th International Conference on Data Science, Technology and Applications. SCITEPRESS. pp. 100-108. <https://doi.org/10.5220/0007954901000108>

Shao K, Zhou B, Wang G, Yu B. 2018. 基于相位旋转的SCMA码本优化方法. *Xi Tong Gong Cheng Yu Dian Zi Ji Shu/Systems Engineering and Electronics*. 40(10):2354-2362. <https://doi.org/10.3969/j.issn.1001-506X.2018.10.29>

Seppänen M, Dedehayir O, Still K, Valkokari K, Suominen A. 2015. Platform Competences to Enhance Network Effects in Business Ecosystems. In 2015 ISPIM Innovation Summit in Brisbane, Australia - 6-9 December 2015. International Society for Professional Innovation Management ISPIM.

Seppälä J, Salmenperä M, Koivisto H, Harju J, Repo S, Holmström J, Ahonen P. 2015. Towards automation security research and training environment. In Proceedings of Automaatio XXI, The Industrial Revolution of Internet – From Intelligent Devices to Networked Intelligence. Helsinki, Finland: Suomen Automaatioseura ry. (SAS Julkaisusarja).

Seppä V-P, Pelkonen AS, Kotaniemi-Syrjänen A, Viik J, Mäkelä MJ, Malmberg P. 2015. Impedanssipneumografia pienten lasten alahengitytiesoireiden selvittelyssä. In Allergiatutkimussäätiön vuosikirja 2015. (Allergiakoulu).

Sekki P, Korhonen L, Vinha J. 2017. Kuorielementtien kuivumisen mallintaminen hydrataation huomioivalla FEM-laskennalla. Vinha J, Kivioja H, editors. In *Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017*, Tampere. Tampere: Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka. pp. 399-405. (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.).

Schwarz S, Hannuksela MM, Fakour-Sevom V, Sheikhi-Pour N. 2018. 2D Video Coding of Volumetric Video Data. In 2018 Picture Coding Symposium, PCS 2018 - Proceedings. IEEE. pp. 61-65. <https://doi.org/10.1109/PCS.2018.8456265>

Schnabel J, Valkealahti S. 2015. Compensation of PV generator output power fluctuations with energy storage systems. In 31st European Photovoltaic Solar Energy Conference and Exhibition (31st EU PVSEC), 14– 18 September, 2015, Hamburg, Germany. pp. 2177-2181. <https://doi.org/10.4229/EUPVSEC20152015-5BV.2.6>

Schelkens P, Alpaslan Z, Ebrahimi T, Pereira F, Pinheiro A, Tabus I, Chen Z. 2018. JPEG Pleno: a standard framework for representing and signaling plenoptic modalities. In SPIE Proceedings Volume 10752: Applications of Digital Image Processing XLI. SPIE. (SPIE Conference Proceedings). <https://doi.org/10.1117/12.2323404>

Schelkens P, Astola P, da Silva EAB, Pagliari C, Perra C, Tabus I, Watanabe O. 2019. JPEG Pleno light field coding technologies. In *Applications of Digital Image Processing XLII*. SPIE. (Proceedings of SPIE). <https://doi.org/10.1117/12.2532049>

Savolainen J, Kähkönen K, Niemi O, Poutanen J, Varis E. 2015. Stirring the Construction Project Management with Co-creation and Continuous Improvement. *Procedia Economics and Finance*. 21:64-71. [https://doi.org/10.1016/S2212-5671\(15\)00151-3](https://doi.org/10.1016/S2212-5671(15)00151-3)

Sautter J, Xu L, Miroshnichenko A, Lysevych M, Volkovskaya I, Smirnova D, Camacho Morales M, Zangeneh Kamali K, Karouta F, Vora K, Tan HH, Kauranen M, Staude I, Jagadish C, Neshev DN, Rahmani M. 2019. Tailoring directional scattering of second-harmonic generation from (111)-GaAs nanoantennas. Mitchell A, Rubinsztein-Dunlop H, editors. In *AOS Australian Conference on Optical Fibre Technology, ACOFT 2019 and Australian Conference on Optics, Lasers, and Spectroscopy, ACOLS 2019*. SPIE. (Proceedings of SPIE - The International Society for Optical Engineering). <https://doi.org/10.1117/12.2539086>

Saukkonen N, Laine T, Suomala P. 2016. Management accounting in managerial work: engaging facts and feelings in decision making. In *Proceedings of the Manufacturing Accounting Research Conference 2016: Lisbon, Portugal, June 15-17, 2016*. European Institute for Advanced Studies in Management EIASM. (Proceedings of the Manufacturing Accounting Research Conference).

Saukko E 2015. *Studies of Physical Phase State of Aerosol Nanoparticles*. Tampere University of Technology. 51 p. (Tampere University of Technology. Publication).

Sasaki Y, Suzuki T, Iwagami T, Tani T, Naganuma H, Kino H, Hyttinen J, Kellomäki M, Tanaka T. 2014. Development of chip-surface stimulus electrode array for fully-implantable subretinal prosthesis chip. *Transactions of Japanese Society for Medical and Biological Engineering*. 52:O-253-O-254. <https://doi.org/10.11239/jsmbe.52.O-253>

Sarjala S-M. 2013. Kids Out! Urban environments and physical activity among children and adolescents. In *2013 Active Living Research (ALR) Annual Conference in San Diego, CA*.

Sariola-Leikas E 2015. *Organic Chromophores in Self-Assembled Monolayers and Supramolecular Arrays*. Tampere University of Technology. 58 p. (Tampere University of Technology. Publication).

Sariola R. 2015. Emergence of relationship triads in construction project networks. In *23rd Nordic Academy of Management conference, NFF, 12-14 August 2015, Copenhagen, Denmark*. Copenhagen, Denmark: Nordic Academy of Management. pp. 1-13. (Nordic Academy of Management Conference).

Sariola R, Martinsuo M. 2015. Enhancing the supplier's third-party relationships in construction projects. In *The Bartlett IRNOP 2015: International Research Network on Organizing by Projects Conference* . IRNOP.

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

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

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

Sand J, Ihantola S, Peräjärvi K, Toivonen H, Nicholl A, Hrneck E, Toivonen J. 2013. EMCCD imaging of strongly ionizing radioactive materials for safety and security. In 2013 Conference on Lasers and Electro-Optics - International Quantum Electronics Conference. Optical Society of America. pp. JSII_P_1.

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

Salpavaara T, Lekkala J. 2015. A model based analysis of the measurement errors in inductively coupled passive resonance sensors. Holub J, editor. In IMEKO XXI World Congress, Proceedings, August 30 - September 4, 2015, Prague, Czech Republic.

Salonen J, Laukkarinen A, Vinha J. 2015. Ulkoseinien rakennusfysikaaliset riskit ja pitkäaikaiskestävät ratkaisut. Soikkeli A, Koiso-Kanttila J, Sorri L, editors. In Korjaa ja korota: Kerrostalojen korjaamisen ja lisäkerrosten rakentamisen ratkaisuja. Oulu, Finland: Oulun yliopisto. pp. 74-81. (Oulun yliopisto, arkkitehtuurin osasto. A. Julkaisu).

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

Salo J, Huttunen P, Vinha J. 2017. Alipaineistetun tuulettuvan ryömintätilan rakennusfysikaaliset FEM-simuloinnit. Vinha J, Kivioja H, editors. In Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24-26.10.2017, Tampere. Tampere: Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka. pp. 413-422. (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.).

Salo M, Pirkkalainen H. 2019. Älylaitteet ja stressi: Aiheuttajat, seuraukset ja hallintakeinot. Kosola S, Moisala M, Ruokonieniemi P, editors. In Lapset, nuoret ja älylaitteet - Taiten tasapainoon. KUSTANNUS OY DUODECIM. pp. 79-90.

Salmisto A. 2015. How to co-learn in campus. Nenonen S, Kärnä S, Junnonen J-M, Tähtinen S, Sandström N, editors. In Oppiva kampus - How to co-create campus?. Tampere: Suomen Yliopistokiinteistöt Oy. pp. 320-337.

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

Salmisto A, Keinänen M, Kähkönen K. 2016. Development of students' multidisciplinary collaboration skills by simulation of the design process. In Proceedings of the CIB World Building Congress 2016: Volume I - Creating built environments of new opportunities.. pp. 348-360.

Salminen V, Kantola JI, Vanharanta H. 2015. Competence portfolio assessment of research and development center for regional development. In 6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015) and the Affiliated Conferences, AHFE 2015 . Elsevier. pp. 701-708. (Procedia Manufacturing). <https://doi.org/10.1016/j.promfg.2015.07.310>

Salmenperä M, Seppälä J, Koivisto H, Lu S, Repo S. 2015. Systematic approach to secure automation – coordinated voltage control use-case. In Proceedings of AutomaatioXXI, The Industrial Revolution of Internet – From Intelligent Devices to Networked Intelligence. Helsinki, Finland: Suomen Automaatioseura ry. (SAS Julkaisusarja).

Saleh A, Ryczkowski P, Genty G, Toivonen J. 2019. Short-range supercontinuum based lidar for combustion diagnostics. Kimata M, Valenta CR, editors. In SPIE Future Sensing Technologies. SPIE, IEEE. (Proceedings of SPIE). <https://doi.org/10.1117/12.2542720>

Saksala T, Holopainen S, Kouhia R. 2015. On the choice of damage variable in the continuum fatigue model based on a moving endurance surface. In Proceedings of the XII Finnish Mechanics Day. pp. 57-62.

Saksala T. 2015. Numerical modelling of rock fracture with the embedded discontinuity approach incorporating heterogeneity. In ISRM Congress 2015 Proceedings: Innovations in Applied and Theoretical Rock Mechanics. International Society for Rock Mechanics ISRM.

Saketi P 2015. Microrobotic platform with integrated force sensing microgrippers for characterization of fibrous materials: Case study on individual paper fibers. Tampere: Tampere University of Technology. 116 p. (Tampere University of Technology. Publication).

Sadiek I, Mikkonen T, Vainio M, Toivonen J, Foltynowicz A. 2019. Optical Frequency Comb Photoacoustic Spectroscopy. In 2019 Conference on Lasers and Electro-Optics, CLEO 2019 - Proceedings. IEEE.
<https://doi.org/10.23919/CLEO.2019.8749688>

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

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

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

Saari U, Mäkinen S, Alinikula P. 2014. Consumers' Views on Eco-Friendliness as a Dimension of a High-Tech Brand. In Going Green - CARE INNOVATION 2014 . SAT Austrian Society for Systems Engineering and Automation. pp. 1-8.

Saari S, Karjalainen P, Pirjola L, Ntziachristos L, Keskinen J, Rönkkö T. 2015. Exhaust Particles and NOx Emission Factors of a Modern Heavy Duty Truck equipped with the SCR in Real-world Driving Conditions. In EAC 2015, European Aerosol Conference, 6-11 September, 2015, Milan, Italy.

Saari S, Karjalainen P, Kalliohaka T, Taipale A, Rönkkö T. 2015. Generation of Characteristic Traffic Emission Aerosol in Particulate Filter Collection Efficiency Tests. In EAC 2015, European Aerosol Conference, 6-11 September, 2015, Milan, Italy.

Saari S, Karjalainen P, Kalliohaka T, Taipale A, Rönkkö T. 2015. Generation of characteristic traffic emission aerosol in particulate filter collection efficiency tests. In The 11th International Conference on Industrial Ventilation, Shanghai, China.

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

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

Saari UA, Mäkinen SJ. 2016. Exploring how brand experience measurement could be used for integrating marketing and R&D. In XXVII ISPIM Innovation Conference 2016: Porto, 19-22 June, 2016.

Saari A, Huovinen P, ed. 2016. 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. 743 p. (Tampere University of Technology. Department of Civil Engineering. Construction Management and Economics. Report).

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

Saari U, Aarikka-Stenroos L, Boedeker S, Köppä L, Langwaldt J. 2017. Assessing the usefulness of an early idea development tool among experienced researchers. CERN IdeaSquare Journal of Experimental Innovation. 1(2):3-8. <https://doi.org/10.23726/cij.2017.476>

Saari U, Venesaar U, Ojasoo M, Mäkinen S, Nokelainen P. 2019. Assessing sustainability orientations of first year university students. In 79th Annual Meeting of the Academy of Management Proceedings: Symposium on Reported Impacts of Sustainability in Management Education and Engagement, August 9-13, 2019, Boston, Massachusetts, USA. Academy of Management. pp. 1-8. (Academy of management proceedings).

Saarelainen J, Kylliäinen M, Hupaniittu O. 2015. Mykkäelokuvakauden elokuvateatterien huoneakustiikka. In Akustiikkapäivät 2015. Kuopio: Akustinen seura. pp. 83-88. (Akustiikkapäivät).

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

Rytöluoto I, Lahti K, Ritämäki M, Karttunen M. 2015. The role of film processing in the large-area dielectric breakdown performance of nano-silica-BOPP films. In 24th Nordic Insulation Symposium on Materials, Components and Diagnostics (NORD-IS), Proceedings. Copenhagen, Denmark. (Proceedings of the Nordic Insulation Symposium; 24).

Rytöluoto I, Ritämäki M, Gitsas A, Pasanen S, Lahti K. 2017. Morphology Development, Structure and Dielectric Properties of Biaxially Oriented Polypropylene. In 25th Nordic Insulation Symposium on Materials, Components and Diagnostics. (Proceeding of the Nordic Insulation Symposium; 25).

Ryczkowski P, Barbier M, Friberg AT, Dudley JM, Genty G. 2015. Experimental demonstration of temporal ghost imaging. In 2015 European Conference on Lasers and Electro-Optics - European Quantum Electronics Conference. OSA.

Ryczkowski P, Barbier M, Friberg AT, Dudley JM, Genty G. 2015. Shadow Ghost Imaging in the Time Domain. In Frontiers in Optics 2015. OSA. <https://doi.org/10.1364/FIO.2015.FW6C.1>

Ryczkowski P, Barbier M, Friberg AT, Dudley JM, Genty G. 2015. Temporal Ghost Imaging. In Frontiers in Optics 2015. OSA. <https://doi.org/10.1364/FIO.2015.FTh4D.4>

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

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

Ryczkowski P, Närhi M, Billet C, Merolla JM, Dudley JM, Genty G. 2018. Real-time measurements of nonlinear instabilities in optical fibers. In CLEO: Applications and Technology, CLEO_AT 2018. OSA - The Optical Society. https://doi.org/10.1364/CLEO_AT.2018.AF2Q.1

Rybakov VA, Ananeva IA, Pichugin ED, Garifullin M. 2020. Heat protective properties of enclosure structure from thin-wall profiles with foamed concrete. *Magazine of Civil Engineering*. 94(2):11-20. <https://doi.org/10.18720/MCE.94.2>

Ruuska T, Vinha J. 2015. Laastin ja betonin lämmönjohtavuuden ja ominaislämpökapasiteetin määrittäminen lämpövirtalevyllä. Vinha J, Ruuska T, editors. In *Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut*. 20.-22.10.2015, Tampere. Tampere: Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka. pp. 227-232.

Ruusala A, Vinha J. 2017. Koulujen ja päiväkotien laskettu ja toteutunut energiankulutus. Vinha J, Kivioja H, editors. In *Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut*: 24.-26.10.2017, Tampere. Tampere: Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka. pp. 267-274. (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.).

Ruusala A, Laukkarinen A, Vinha J. 2019. Comparison between calculated and billed building energy consumption values of schools and daycare centers. *MATEC Web of Conferences*. 282. <https://doi.org/10.1051/mateconf/201928202085>

Rusu C, Astola J. 2015. The Extended 1-D (One-Dimensional) Discrete Phase Retrieval Problem. In *Computer Aided Systems Theory – EUROCAST 2015: 15th International Conference, Las Palmas de Gran Canaria, Spain, February 8-13, 2015, Revised Selected Papers*. Springer. pp. 640-647. (Lecture Notes in Computer Science). https://doi.org/10.1007/978-3-319-27340-2_79

Russell MG, Huhtamäki J, Still K, Rubens N, Basole RC. 2015. Relational Capital for Shared Vision in Innovation Ecosystems. *Triple Helix: A Journal of University-Industry-Government Innovation and Entrepreneurship*. 2(1). <https://doi.org/10.1186/s40604-015-0017-2>

Russell MG, Still K, Huhtamäki JV. 2015. Visual tools to support innovation development: User experiences from the Parisian ecosystem. In *Proceedings of the International Forum on Knowledge Asset Dynamics, 10-12 June 2015, Bari, Italy: IKFAD 2015*. Institute of Knowledge Asset Management & Arts for Business Institute.

Rundgren A, Joutsenlahti J, Mäkinen J. 2016. Is languaging experienced to improve understanding of structural mechanics?. In *44th SEFI 2016 Annual Conference: 12-15 September 2016 in Tampere, Finland*.

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

Rosati P, Fowley F, Pahl C, Taibi D, Lynn T. 2018. Making the cloud work for software producers: Linking architecture, operating cost and revenue. In *CLOSER 2018 - Proceedings of the 8th International Conference on Cloud Computing and Services Science*. SCITEPRESS. pp. 364-375. <https://doi.org/10.5220/0006679303640375>

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

Roncero-Sanchez P, Acha E. 2015. Harmonic and Imbalance Voltage Mitigation in Smart Grids: A DSTATCOM Based Solution. In *IEEE EUROCON 2015*. <https://doi.org/10.1109/EUROCON.2015.7313751>

Rojas V, Martinez F, Bernede JC, Guenadez LC, Efimov A, Lemmetyinen H. 2017. Alkyl thiophene vinylene electropolymerization in C8mimPF6, potential use in solar cells. *Materials Sciences and Applications*. 8(5):405-417. <https://doi.org/10.4236/msa.2017.85013>

Roinila T, Messo T, Suntio T, Vilko M. 2015. Pseudo-Random Sequences in DQ-Domain Analysis of Feedforward Control in Grid-Connected Inverters. In *17th IFAC Symposium on System Identification SYSID 2015 – Beijing, China, 19–21 October 2015*. pp. 1301-1306. (IFAC-PapersOnLine; 28). <https://doi.org/10.1016/j.ifacol.2015.12.311>

Róg T, Orłowski A, Llorente A, Skotland T, Sylvänne T, Kauhanen D, Ekroos K, Sandvig K, Vattulainen I. 2016. Data including GROMACS input files for atomistic molecular dynamics simulations of mixed, asymmetric bilayers including molecular topologies, equilibrated structures, and force field for lipids compatible with OPLS-AA parameters. *Data in Brief*. 7:1171-1174. <https://doi.org/10.1016/j.dib.2016.03.067>

Robal T, Ojastu D, Kalja A, Jaakkola H. 2015. Managing software engineering competences with domain ontology for customer and team profiling and training. Kocaoglu D, editor. In *PICMET '15 : Proceedings, Management of the Technology Age, August 2 - 6, 2015*. Portland, Oregon, USA: PICMET. pp. 1369 - 1376. <https://doi.org/10.1109/PICMET.2015.7273171>

Rizwan M, Rahmat-Samii Y, Ukkonen L. 2015. Circularly Polarized Textile Antenna For 2.45 GHz. In *Circularly Polarized Textile Antenna For 2.45 GHz*. IEEE. pp. 51-52. <https://doi.org/10.1109/IMWS-BIO.2015.7303755>

Rivero-Rodriguez A, Pileggi P, Nykänen O. 2015. An Initial Homophily Indicator to Reinforce Context-Aware Semantic Computing. In *7th International Conference on Computational Intelligence, Communication Systems and Networks (CICSyN)*. Riga: IEEE. pp. 89-93. (International Conference on Computational Intelligence, Communications and Networks). <https://doi.org/10.1109/CICSyN.2015.26>

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

Ritola T, Coatanea E. 2013. Interplay between offering, provider and customer in product-service system design. Lindemann U, Venkataraman S, Kim YS, Lee SW, DeWeck O, Hong YS, editors. In *Proceedings of the 19th International Conference on Engineering Design (ICED13), Design for Harmonies, Vol.4: Product, Service and Systems Design*, Seoul, Korea, 19-22.08.2013. DESIGN SOC. (International Conference on Engineering Design).

Ritamäki M, Rytöluoto I, Lahti K. 2015. Temperature Effect on Breakdown Performance of Insulating Polymer Thin Films. In *24th Nordic Insulation Symposium on Materials, Components and Diagnostics, Proceedings*. pp. 75-79. (Proceedings of the Nordic Insulation Symposium; 24).

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

Rissanen J, Fedotov A, Noronen T, Gumenyuk R, Chamorovskii Y, Kolosovskii A, Voloshin V, Vorobev I, Odnoblyudov M, Filippov V. 2019. Large mode area double clad ytterbium tapered fiber with circular birefringency. Carter AL, Dong L, editors. In *Proceedings of SPIE : Fiber Lasers XVI: Technology and Systems*. SPIE-INT SOC OPTICAL ENGINEERING. (Proceedings of SPIE). <https://doi.org/10.1117/12.2508811>

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

Riipinen T, Kujanpää V, Komi E, Kilpeläinen P, Savolainen M, Puukko P, Vihinen J, Coatanea E, Mokhtarian H 2018. Industrialization of hybrid and additive manufacturing-Implementation to Finnish industry (HYBRAM). VTT Technical Research Centre of Finland. 66 p. (Research Reports).

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

- Ribeiro A, Oliveira S. 2016. Using a synthetic probe to study the robustness of the segregation process of protein aggregates in *Escherichia coli*. In *The 8th International Conference on Bioinformatics, Biocomputational Systems and Biotechnologies (BIOTECHNO2016)*. IARIA. pp. 21-22.
- Reyes G, Lundahl M, Borghei M, King AWT, Lahti J, Rojas OJ. 2019. Biocaged nanofibrillated films and yarns via ionic liquids. *Celulosa Y Papel*. 35(4):18-20.
- Reunanen T. 2015. Human Factor in Time Management. *Procedia Manufacturing*. 3:709-716. <https://doi.org/10.1016/j.promfg.2015.07.311>
- Rekola J, Suntio T. 2016. Implementing of Activating Learning Strategy for a Course on Electric Drives. In *SEFI 2016 Annual Conference Proceedings: Implementing of Activating Learning Strategy for a Course on Electric Drives*. European Society for Engineering Education SEFI. pp. 1-8.
- Rautiainen A, Lummi K, Järventausta P, Tikka V, Lana A. 2016. Control of Electric Vehicle Charging in Domestic Real Estates as Part of Demand Response Functionality. In *Cired Workshop 2016*.
- Raunio J-P, Ritala R, Välimäki T. 2015. Optimal operation of a three camera system on a four-wheel robot. In *IMEKO XXI World Congress, Fundamental and Applied Metrology, Proceedings, August 31-September 4, 2015, Prague, Czech Republic*. pp. 968-973.
- Raunio J-P, Ritala R. 2016. Optimal operation of a QCS scanner in a paper machine based on the information of QCS and WIS measurements. In *PaperCon 2016 Conference Proceedings -TAPPI*. Cincinnati, USA: TAPPI. pp. 1-11.
- Raunio J-P, Makela I, Mäntylä M, Ritala R. 2018. Evaluating the contrast of planar periodic patterns on paper. In *Paper Conference and Trade Show, PaperCon 2018*. TAPPI Press. pp. 294-302.
- Raunonen PA. 2015. Quantitative structure tree models from terrestrial laser scanner data. In *Proceedings of SilviLaser 2015: 14th conference on Lidar Applications for Assessing and Managing Forest Ecosystems*. pp. 32-34.
- Ratia M, Myllärniemi J. 2018. Beyond ic 4.0 : the future potential of bi-tool utilization in the private healthcare. In *13th International Forum on Knowledge Asset Dynamics, IFKAD 2018: Delft, Netherlands, 4-6 July 2018*. (Proceedings IFKAD).
- Ratia M, Myllärniemi J. 2019. Business analytics enabling future insights in the private healthcare. In *Proceedings of 14th IFKAD 2019 conference: Matera, Italy, 5-7 June, 2019*. IKAM Centro Studi & Ricerche. (Proceedings IFKAD).
- Rasilo P, Aydin U, Singh D, Martin F, Kouhia R, Belahcen A, Arkkio A. 2016. Multiaxial magneto-mechanical modelling of electrical machines with hysteresis. In *Proceedings of the 8th IET International Conference on Power Electronics, Machines and Drives, PEMD 2016*. IET, The Institution of Engineering and Technology. <https://doi.org/10.1049/cp.2016.0183>
- Rantanen A, Iltanen S, Joutsiniemi A. 2014. Systemic Sustainability and Emerging Diversity of Shopping Concepts in Urban Multi-Agent Networks. Cavallo R, Komossa S, Marzot N, Berghauer Pont M, Kuijper J, editors. In *New Urban Configurations*. Delft University Press. pp. 510-517. <https://doi.org/10.3233/978-1-61499-365-0-517>
- Rantanen A, Joutsiniemi A. 2015. Strategic planning and epistemology of change: Probing the fitness of urban and planning systems with resilient spatial strategies. Hatakka A, Vehmas J, editors. In *Sustainable Futures in a Changing Climate: Proceedings of the Conference "Sustainable Futures in a Changing Climate", 11-12 June 2014, Helsinki, Finland*. Turku: Finland Futures Research Centre, University of Turku. pp. 336-347. (FFRC eBOOK 2/2015).
- Rantanen P, Sillberg P, Soini J, Jaakkola H. 2016. Tag suggestions from social media profiles. Jaakkola H, Thalheim B, Kiyoki Y, Yoshida N, editors. In *Proceedings of the 26th International Conference on Information Modelling and Knowledge Bases - EJC 2016*. : June 6-10, 2016, Tampere, Finland. . Tampere: Tampere University of Technology. pp. 387-394. (Tampere University of Technology Pori Department Publications).

Rantamäki A, Saarinen E, Lyytikäinen J, Heikkinen J, Lahtonen K, Valden M, Okhotnikov O. 2015. Towards high power flip-chip long-wavelength semiconductor disk lasers. In Proceedings of SPIE. SPIE. <https://doi.org/10.1117/12.2076795>

Rantala T, Luukkonen T, Karhula K, Vaismaa K, Mäntynen J, Metsäpuro P 2014. Kävelystä elinvoimaa. Tampere: Tampereen teknillinen yliopisto. Liikenteen tutkimuskeskus Verne. 142 p.

Ranta V, Aarikka-Stenroos L, Mäkinen S. 2016. Business models in the circular economy: a structured multiple-case analysis. In Proceedings of ISPIIM Innovation Summit, Kuala Lumpur, Malaysia. The International Society for Professional Innovation Management (ISPIIM): 4-7 December 2016.

Ramis Ferrer B. 2015. Classification of Knowledge Representation Implementations in the Manufacturing Systems Domain. Strzelczak S, Balda P, Garetti M, Lobov A, editors. In Open Knowledge-Driven Manufacturing & Logistics: The eScop Approach. Warsaw University of Technology Publishing House. pp. 235-244.

Rajput S, Averbukh M, Yahalom A, Minav T. 2019. An approval of MPPT based on pv cell's simplified equivalent circuit during fast-shading conditions. Electronics (Switzerland). 8(9). <https://doi.org/10.3390/electronics8091060>

Rajaniemi J, Thureson J, Chudoba M, ed. 2015. Kangasalan Lamminrahka. Yhdyskuntasuunnittelun ammattikurssi 1 2015 . Tampere: Tampere University of Technology, School of Architecture. 92 p.

Rajala S, Lekkala J. 2015. Infant respiration and heart rate monitoring with EMFi sensor. Holub J, editor. In IMEKO XXI World Congress, Proceedings, August 30 - September 4, 2015, Prague, Czech Republic.

Rajala S, Vuoriluoto M, Rojas O, Franssila S, Tuukkanen S. 2015. Piezoelectric sensitivity measurements of cellulose nanofibril sensors. Holub J, editor. In IMEKO XXI World Congress, Proceedings, August 30 - September 4, 2015, Prague, Czech Republic.

Rajala RP, Juuti PS, Katko TS. 2019. Genesis of Water supply and sanitation services in Finland. Ympäristöhistoria: Finnish Journal of Environmental History. 8(1):18-28.

Radevici I, Sadi T, Tripurari T, Tiira J, Ranta S, Tukiainen A, Guina M, Oksanen J. 2019. Observation of local electroluminescent cooling and identifying the remaining challenges. Seletskiy DV, Epstein RI, Sheik-Bahae M, editors. In Photonic Heat Engines: Science and Applications. SPIE, IEEE. (Proceedings of SPIE - The International Society for Optical Engineering). <https://doi.org/10.1117/12.2505814>

Qureshi S, Björninen T, Virkki J. 2018. Referenced backscattering compression level indicator based on passive UHF RFID tags. In 2018 IEEE International Conference on RFID Technology & Application (RFID-TA). IEEE. <https://doi.org/10.1109/RFID-TA.2018.8552830>

Qian Y, Pertuz S, Nikkanen J, Kämäräinen J-K, Matas J. 2019. Revisiting gray pixel for statistical illumination estimation. Kerren A, Hurter C, Braz J, editors. In VISIGRAPP 2019 - Proceedings of the 14th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications. SCITEPRESS. pp. 36-46. <https://doi.org/10.5220/0007406900360046>

Pyrhönen V-P, Koivisto H. 2015. On improvement of transient stage of composite nonlinear feedback control using arbitrary order set point filters. In 2014 IEEE International Conference on Control System, Computing and Engineering (ICCSCE). Institute of Electrical and Electronics Engineers IEEE. pp. 147 - 152 . <https://doi.org/10.1109/ICCSCE.2014.7072705>

Pyrhönen V-P, Koivisto H. 2015. Composite Nonlinear Feedback Control of a Chemical Reactor. In Proceedings of AutomaatioXXI, The Industrial Revolution of Internet – From Intelligent Devices to Networked Intelligence. Helsinki, Finland: Suomen Automaatioseura ry. (SAS julkaisusarja).

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

Pyrhönen V-P, Seppälä J, Salmenperä M. 2016. Computer-supported collaborative learning: Praxes in new cell-oriented configurable PC-classroom. In SEFI conference 2016: Engineering Education on Top of the World: Industry University Cooperation.

Puranen J 2015. Protective Spinel Coatings for Solid Oxide Fuel Cell Interconnectors by Thermal Spray Processes: From Conventional Dry Powder to Novel Solution Precursor Thermal Spraying. Tampere: Tampere University of Technology. 81 p. (Tampere University of Technology. Publication).

Puolitaival T, Forsythe P, Kähkönen K. 2015. Challenges Facing BIM Education: Development of Appropriate Teaching and Learning Resources. In RICS COBRA AUBEA 2015: The Construction, Building and Real Estate Research Conference of the Royal Institution of Chartered Surveyors . London: Royal Institution of Chartered Surveyors.

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

Psichoudaki M, Faxon C, Kuuluvainen H, Thomson ES, Eriksson A, Mallqvist J, Pettersson J, Hallquist Å, Kristensson A, Hallquist M. 2015. Gas and particle composition and properties of photochemically aged ship plumes using chemical ionization and aerosol mass spectrometry. In EAC 2015, European Aerosol Conference, 6-11 September, 2015, Milan, Italy.

Prudanov A, Tkachev S, Golos N, Masek P, Hosek J, Fujdiak R, Zeman K, Ometov A, Bezzateev S, Voloshina N, Andreev S, Misurec J. 2016. A trial of yoking-proof protocol in RFID-based smart-home environment. In Distributed Computer and Communication Networks - 19th International Conference, DCCN 2016, Revised Selected Papers. Springer Verlag. pp. 25-34. (Communications in Computer and Information Science). https://doi.org/10.1007/978-3-319-51917-3_3

Poutanen J, Peltoniemi S, Pihlajarinne N. 2015. Uudet arkkitehtoniset ratkaisumallit muuttavat kampuksien ilmettä. Nenonen S, Kärnä S, Junnonen J-M, Tähtinen S, Sandström N, editors. In Oppiva kampus: How to co-create campus?. Tampere: Suomen Yliopistokiinteistöt Oy. pp. 72-93.

Poutanen T. 2015. The target reliability of the eurocodes. In Safety, Robustness and Condition Assessment of Structures. International Association for Bridge and Structural Engineering (IABSE). pp. 202-208. (IABSE Symposium Report). <https://doi.org/10.2749/222137815815622816>

Pournoori N, Khan W, Ukkonen L, Björninen T. 2018. RF energy harvesting system with RFID-enabled charge storage monitoring. In 2018 IEEE International Conference on RFID Technology & Application (RFID-TA). IEEE. <https://doi.org/10.1109/RFID-TA.2018.8552826>

Porkka P, Laukkanen I, Kivistö-Rahnasto J. 2015. Personal constructs concerning safety and atmosphere. In WOS 8th international conference - Book of Abstracts .

Porkka PL. 2016. Functional model for organisational and safety culture. In Chemical Engineering Transactions. Italian Association of Chemical Engineering AIDIC. pp. 907-912. (Chemical Engineering Transactions). <https://doi.org/10.3303/CET1648152>

Pöllänen M, Nykänen L. 2014. Automated driving and the key megatrends of future. In ITS European Congress: 10th ITS EUROPEAN CONGRESS, Helsinki, Finland 16-19 June 2014.

Pöllänen M, Utriainen R, Viri R. 2017. Challenges in the paradigm change from mobility as a self-service to mobility as a service. In Conference Proceedings 1st International Conference of Mobility as a Service: ICoMaaS, Tampere 28.-29.11.2017. Tampere University of Technology. pp. 246-265.

Poikonen E, Martinsuo M, Nenonen S. 2015. Standardizing the service delivery system for repetitive industrial services. In RESER 2015: 25th Annual RESER Conference. RESER European Association for Research on Services.

Pohjola J, Turunen J, Lipping T, Ikonen ATK. 2016. Probabilistic Framework for Modelling the Evolution of Geomorphic Features in 10,000-Year Time Scale: The Eurajoki River Case. In Geospatial Data in a Changing World: Selected papers of the 19th AGILE Conference on Geographic Information Science. Springer Verlag. pp. 369-382. (Lecture Notes in Geoinformation and Cartography). <https://doi.org/10.1007/978-3-319-33783-8>

Pluduma L, Freimanis E, Gross K, Koivuluoto H, Algate K, Haynes D, Vuoristo P. 2016. Functionalizing Surface Electrical Potential of Hydroxyapatite Coatings. In 11th International Conference Medical Applications of Novel Biomaterials and Nanotechnology. pp. 12-17. (Advances in Science and Technology).

Pirjola L, Dittrich A, Niemi JV, Saarikoski S, Malinen A, Kuuluvainen H, Wihersaari H, Timonen H, Kousa A, Rönkkö T, Hillamo R. 2015. Physical and chemical properties of real exhaust particle emissions from city buses. In EAC 2015, European Aerosol Conference, 6-11 September, 2015, Milan, Italy.

Pileggi P, Rivero Rodriguez A, Nykänen O. 2015. Using context overlays to analyse the role of a priori information with Process Mining. In 2015 IEEE International Systems Conference (SysCon 2015) Proceedings. Vancouver, BC, Canada: IEEE. pp. 639-644. <https://doi.org/10.1109/SYSCON.2015.7116823>

Pileggi P, Rivero-Rodriguez A, Nykänen O. 2015. Towards Traditional Simulation Models of Context Using Process Mining . In Computational Intelligence, Communication Systems and Networks (CICSyN), 2015 7th International Conference on. IEEE. pp. 70-75. <https://doi.org/10.1109/CICSyN.2015.23>

Pietilä J, Mäkinen J. 2015. Raudoitetun betonirakenteen taivutuksen mallintaminen Ansys-ohjelmalla. Kouhia R, Mäkinen J, Pajunen S, Saksala T, editors. In Proceedings of the XII Finnish Mechanics Days. Helsinki: Rakenteiden Mekaniikan Seura ry. pp. 91-96.

Pietilä P, Arvonen V, Katko T. 2016. Role of Water Cooperatives in Water Service Production - Lessons from Finland and Denmark. Achour N, editor. In Proceedings of the 20th CIB World Building Congress 2016: May 30 – June 3, 2016 Tampere Finland. Tampere University of Technology. pp. 1152-1161.

Piche RA. 2015. Mezhdunarodnaya konferencia po pozicionirovaniyu i navigacii vnutri pomeshhenij. Giroskopiya I Navigatsiya. 88(1):122-124.

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

Phung HM, Kahle H, Penttinen J-P, Rajala P, Ranta S, Guina M. 2020. A membrane external-cavity surface-emitting laser (MECSEL) with emission around 825 nm. Hastie JE, editor. In Vertical External Cavity Surface Emitting Lasers (VECSELs) X. SPIE. (Proceedings of SPIE - The International Society for Optical Engineering). <https://doi.org/10.1117/12.2545980>

Peura P, Vuoristo P, Vihinen J. 2015. Education and Materials Joining Research methods at Tampere University of Technology. Hitsaustekniikka. 65(2-3/2015):73-76.

Petrulaitiene V, Rytkönen E, Nenonen S. 2016. Towards responsive workspaces - identification of service paths for time- and-place independent work. Achour N, editor. In Proceedings of the 20th CIB World Building Congress 2016: May 30 – June 3, 2016 Tampere Finland. Tampere University of Technology. pp. 1141-1151.

Petrov V. 2015. Feasibility study of the THz band for communications between wearable electronics. In 2015 17th Conference of Open Innovations Association (FRUCT), 20-24 April 2015, Yaroslavl. . IEEE. pp. 157-162. (Conference of Open Innovations Association (FRUCT)). <https://doi.org/10.1109/FRUCT.2015.7117987>

Petrov V, Bezzateev S, Zybin V. 2015. Wireless Authentication using OPACITY Protocol. In 2015 7th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT). IEEE. pp. 253-258. <https://doi.org/10.1109/ICUMT.2015.7382438>

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

Pertuz S, Sassi A, Karivaara-Makela M, Holli-Helenius K, Laaperi A-L, Rinta-Kiikka I, Arponen O, Kämäräinen J-K. 2019. Micro-parenchymal patterns for breast cancer risk assessment. *Biomedical Physics & Engineering Express*. 5(6). <https://doi.org/10.1088/2057-1976/ab42f4>

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

Perttula A. 2017. Eye tracking studies focusing on mathematics: a literature review. In INTED2017. The 11th annual International Technology, Education and Development Conference: Valencia, 6th - 8th of March, 2017.. IATED Academy. <https://doi.org/10.21125/inted.2017.0639>

Perttola H, Ronni H, Heinisuo M. 2014. Contact analysis included in a 3D FEA of tube splices. In Eurosteel 2014 7th European conference on steel and composite structures.

Pertilä P, Brutti A. 2016. Increasing the environment-awareness of rake beamforming for directive acoustic sources. In 15th International Workshop on Acoustic Signal Enhancement (IWAENC).

Perra C, Astola P, da Silva EAB, Khanmohammad H, Pagliari C, Schelkens P, Tabus I. 2019. Performance analysis of JPEG Pleno light field coding. In Applications of Digital Image Processing XLII. SPIE. (Proceedings of SPIE - The International Society for Optical Engineering). <https://doi.org/10.1117/12.2528391>

Penttinen J-P, Leinonen T, Korpijärvi V-M, Kantola E, Guina M. 2015. High power GaInNAs VECSEL emitting at 1230/615 nm. In The European Conference on Lasers and Electro-Optics 2015. OSA.

Peng Z, Richter P, Leppäkoski H, Lohan E-S. 2017. Analysis of Crowdsensed WiFi Fingerprints for Indoor Localization. In Proceedings of the 21st Conference of Open Innovations Association FRUCT. Helsinki, Finland: FRUCT. pp. 268-277.

Peltola T, Mäkinen S. 2015. Identifying critical technology actors in waste flow management. In PICMET'15 Conference, Management of the Technology Age: August 2-6, 2015, Hilton Portland and Executive Tower, Portland, Oregon, USA. United States: Portland International Center for Management of Engineering and Technology. pp. 2027-2031. <https://doi.org/10.1109/PICMET.2015.7273123>

Pelsmakers S, Hoggard A. 2019. Sustainability and our professional environment - design validation and collaboration to create relevant architecture. In Jones, A., Hyde, R., "Defining Contemporary Professionalism - for architects in practice and education" . RIBA Publishing.

Pekkola S. 2015. Enterprise architecture as strategy, practice, or approach. In 4th Innovation in Information Infrastructures (III) Workshop. Warwick, UK: University of Warwick.

Passinmäki P. 2015. Taskinen yksissä kansissa. *Arkkitehti*. (2):89-90.

Passinmäki P. 2016. Architecture beyond signs and symbols : Zumthor's response to the problems of aesthetics. *ARQ- Architectural Research Quarterly*. 19(4):325-328. <https://doi.org/10.1017/S1359135516000038>

Partanen J, ed. 2015. Complexity and Digitalisation of Cities - Challenges for Urban Planning and Design: Conference Proceedings of 13th AESOP Complexity and Planning Thematic Group Meeting 15th-16th January 2015, Tampere, Finland. Tampere University of Technology. School of Architecture. 226 p.

Partanen T, Niemelä P, Mannila L, Poranen T. 2017. Educating Computer Science Educators Online - A Racket MOOC for Elementary Math Teachers of Finland. In Proceedings of the 9th International Conference on Computer Supported Education. SCITEPRESS - Science and Technology Publications. pp. 47-58. <https://doi.org/10.5220/0006257800470058>

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

Pannian JC, Alberucci A, Boardman A, Assanto G. 2016. Diffraction compensation of finite beams in hyperbolic metamaterials. In Laser science 2016. Optical Society of America (OSA).

Palvalin M, Vuori V, Helander N. 2017. Knowledge transfer and work productivity. Spender JC, Schiuma G, Gavrilova T, editors. In Proceedings of 12th International Forum on Knowledge Asset Dynamics: St. Petersburg, Russia 7-9 June 2017. pp. 1120-1134. (Proceedings IFKAD).

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

Palanivel S, Zhurina A, Doan P, Chandraseelan JG, Khandelwal VKM, Zubkov FI, Mahmudov KT, Pombeiro AJL, Yli-Harja O, Kandhavelu M. 2018. In vitro characterization of arylhydrazones of active methylene derivatives. *Saudi Pharmaceutical Journal*. 26(3):430-436. <https://doi.org/10.1016/j.jsps.2017.12.018>

Palanivel S, Murugesan A, Yli-Harja O, Kandhavelu M. 2020. Anticancer activity of THMPP: Downregulation of PI3K/S6K1 in breast cancer cell line. *Saudi Pharmaceutical Journal*. 28(4):495-503. <https://doi.org/10.1016/j.jsps.2020.02.015>

Pakkanen J 2015. Brownfield Process: A Method for the Rationalisation of Existing Product Variety towards a Modular Product Family. Tampere University of Technology. 283 p. (Tampere University of Technology. Publication).

Pakkala T, Lemberg A-M, Köliö A, Lahdensivu J. 2015. Ilmastonmuutoksen vaikutus betonijulkisivujen vaurioitumisen etenemiseen. Vinha J, Ruuska T, editors. In *Rakennusfysiikka 2015: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut*, 20.-22.10.2015, Tampere. Tampere: Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka. pp. 203-210.

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

Pakkala T, Lahdensivu J, Köliö A, Annala P. 2017. Julkisivujen ja parvekkeiden talvikorjausohje. Vinha J, Kivioja H, editors. In *Rakennusfysiikka 2017: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut*, 24-26.10.2017, Tampere. Tampere: Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka. pp. 179-184. (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.).

Pajunen S, Hautala J, Heinisuo M. 2019. Modelling the stressed skin effect by using shell elements with meta-material model. *Magazine of Civil Engineering*. 86(2):20-29. <https://doi.org/10.18720/MCE.86.3>

Paci M, Hyttinen J, Severi S. 2015. Quantification of the ionic current contributions to alterations in the action potential repolarization by means of piecewise-linear approximation. In *Computing in cardiology 2015*. pp. 145-148. (Computing in Cardiology).

Ortombina L, Liegmann E, Karamanakos P, Tinazzi F, Zigliotto M, Kennel R. 2018. Constrained Long-Horizon Direct Model Predictive Control for Synchronous Reluctance Motor Drives. In *2018 IEEE 19th Workshop on Control and Modeling for Power Electronics, COMPEL 2018*. IEEE. <https://doi.org/10.1109/COMPEL.2018.8460173>

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

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

Ometov A, Masek P, Malina L, Florea R, Hosek J, Andreev S, Hajny J, Niutanen J, Koucheryavy Y. 2016. Feasibility characterization of cryptographic primitives for constrained (wearable) IoT devices. In *IEEE International Conference on Pervasive Computing and Communication Workshops, PerCom Workshops 2016*. IEEE. <https://doi.org/10.1109/PERCOMW.2016.7457161>

Ometov A, Bezzateev S. 2017. Multi-factor authentication: A survey and challenges in V2X applications. In *2017 9th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT)*. IEEE. pp. 129-136. <https://doi.org/10.1109/ICUMT.2017.8255200>

Olsson T, Väättäjä H, Ihamäki H, Jaana O, Länsisalo M, Veera U, Lehto-Lunden T. 2016. Lean Software Design, Lean Education? Lessons from a Collaborative University-Industry Seminar. In *SEFI'16 - 44th Annual Conference of the European Society for Engineering Education*. European Society for Engineering Education SEFI.

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

Olin M, Dal Maso M. 2015. Modelling new particle formation and growth using combined power law and log-normal distribution model. In *EAC 2015, European Aerosol Conference*. Milan, Italy: Italian Aerosol Society.

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

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

Ojala P, Saarenrinne P, Miettinen J, Multanen P, Kiilunen J, Hietala J-P, Kolu A, Pippola J, Mostofizadeh M, Ylönen M. 2015. Simulointi nopeuttaa käyttöiän määrittystä. *Promaint*. 2:24-27.

Ojala M, Mahlamäki T. 2016. Benefits of digitally guided buying in B2B markets. In 25th annual IPSERA Conference: Dortmund, Sunday 20 March - Wednesday 23 March 2016. Dortmund.

Ogeya MC, Coatanea E, Medyna G. 2013. Theory driven design and real prototyping of biomass pyrolytic stove. Lindemann U, Srinivasan, Kim YS, Lee SW, Papalambros P, Chen W, editors. In Design for Harmonies, Vol.9: Design Methods and Tools. DESIGN SOC. pp. 69-78. (International Conference on Engineering Design).

Ogeya MC, Coatanéa E, Medyna G. 2013. Theory driven design and real proto typing of biomass pyrolytic stove. In Proceedings of the International Conference on Engineering Design, ICED. pp. 69-78.

Ocaña Flores M, Martinsuo M. 2015. Use of equipment lifecycle data in industrial services. In RESER 2015: 25th Annual RESER Conference. Copenhagen: RESER European Association for Research on Services.

Nyuppieva E, Laine T, Lyly-Yrjänäinen J. 2016. Visual narratives in the value chain of new management accounting knowledge. In 10th Conference On New Directions In Management Accounting: Brussels, Belgium, December 14-16, 2016.

Nykänen L, Kallionpää E, Liimatainen H 2015. Älykäs kaupunkilogistiikka – CityLog. Tampereen teknillinen yliopisto. Liikenteen tutkimuskeskus Verne. 20 p. (Tampereen teknillinen yliopisto. Liikenteen tutkimuskeskus Verne. Tutkimusraportti).

Nykänen L, Rantala J, Liimatainen H. 2015. Sustainable and responsible freight transport through public-private collaboration: Finnish road freight responsibility model . In NOFOMA 2015: Post Conference Proceedings, Molde, 3-5 June 2015, Nordic Logistics Research Network. Nordic Logistics Research Network Publisher . pp. 238-252.

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

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

Nousiainen P, Rissanen M, Michud A, Sixta H, Hummel M, Setälä H. 2015. New routes from cellulose to textile fiber and ready products. In Proceedings of 15th Autex World Textile Conference, June 10-12, 2015, Bucharest, Romania.

Noronen T, Fedotov A, Rissanen J, Gumenyuk R, Butov O, Chamorovskii Y, Golant K, Odnoblyudov M, Filippov V. 2018. Ultra-large mode area single frequency anisotropic MOPA with double clad Yb-doped tapered fiber. In Fiber Lasers XV: Technology and Systems. SPIE, IEEE. (Proceedings of SPIE). <https://doi.org/10.1117/12.2288942>

Nonsiri S, Coatanea E, Bakhouya M, Mokammel F. 2013. Model-Based Approach for Change Propagation Analysis in Requirements. In 2013 IEEE International Systems Conference (SysCon) . IEEE. pp. 497-503. (Systems Conference (SysCon), 2013 IEEE International). <https://doi.org/10.1109/SysCon.2013.6549928>

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

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

Nisula K, Pekkola S. 2016. Assessing business learning by analysing ERP simulation log files. In AIS SIGED 2016 Conference on IS education and Research. : Dublin, Ireland, December 10-11, 2016. Dublin.

Nikkinen J, Korpijärvi V-M, Leino I, Härkönen A, Guina M. 2015. High repetition rate 1.34 μm Nd:YVO₄ microchip laser Q-switched with GaInNAs SESAM. In The European Conference on Lasers and Electro-Optics 2015. OSA.

Niittynen J 2015. Comparison of Sintering Methods and Conductive Adhesives for Interconnections in Inkjet-Printed Flexible Electronics. Tampere University of Technology. 62 p. (Tampere University of Technology. Publication).

Niemi H, Kylliäinen M, Jäppinen J, Lindqvist M. 2015. 1800-luvun Helsingin kadonneiden konserttitilojen akustiikan mallintaminen. In Akustiikkapäivät 2015. Kuopio. pp. 77-82. (Akustiikkapäivät).

Niemi JV, Saarikoski S, Pirjola L, Taimisto P, Pulkkinen A, Yli-Tuomi T, Lanki T, Kousa A, Enroth J, Kuuluvainen H, Rönkkö T, Hillamo R. 2015. Concentration and composition gradients of exhaust and non-exhaust particles near a major road. In EAC 2015, European Aerosol Conference, 6-11 September, 2015, Milan, Italy.

Niemi H, Multisilta J, Löfström E 2014. Crossing Boundaries for Learning – through Technology and Human Efforts. CICERO Learning Network, University of Helsinki.

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

Niemelä P, Valmari A. 2018. Elementary math to close the digital skills gap. In CSEDU 2018 - Proceedings of the 10th International Conference on Computer Supported Education. SCITEPRESS. pp. 154-165.
<https://doi.org/10.5220/0006800201540165>

Nguyen-Thanh D, Le-Tien T, Bui-Thu C, Le-Thanh T. 2015. LTE indoor MIMO performances field measurements. In International Conference on Advanced Technologies for Communications. IEEE. pp. 84-89.
<https://doi.org/10.1109/ATC.2014.7043361>

Neri M, Perttu L, Alanen M, Luscietti D, Pilotelli M. 2020. Safety at chimney-roof penetration: A numerical investigation. Pernigotto G, Patuzzi F, Prada A, Corrado V, Gasparella A, editors. In Building Simulation Applications, BSA 2019 - 4th IBPSA-Italy Conference. Free University of Bozen Bolzano. pp. 123-130. (Building Simulation Applications).

Nenonen S, Vaittinen E. 2015. The role of product retailers' service adoption in services introduction - A case of services supplementing consumer durables. Zhao X, Zhang JJ, Han HJ, editors. In The 14th International Research Symposium on Service Excellence in Management: QUIS14. Shanghai. pp. 762-771.

Nenonen S, Junnonen J-M, ed. 2016. 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. 718 p. (Tampere University of Technology. Department of Civil Engineering. Construction Management and Economics. Report).

Nenonen S, Vaittinen E, Martinsuo M. 2016. Incremental service innovations in a manufacturing firm's delivery chain. In 23rd Innovation and Product Development Management Conference (IPDMC): Glasgow, U. K. June 12-14, 2016. (Innovation and Product Development Management Conference).

Nenonen S, Rahtola R, Kojo I. 2016. Third places and user preferences – affordances in the cities. Jensen PA, editor. In Proceedings of CFM's Second Nordic Conference: Facilities Management Research and Practice;: 29-30 AUGUST 2016, Denmark. pp. 17-25.

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

Neenonen S, Salmisto A, Peturlaitiene V, ed. 2018. Proceedings of the 1st Transdisciplinary Workplace Research Conference. Tampere University of Technology. Department of Civil Engineering. 64 p. (Tampereen teknillinen yliopisto. Rakennustekniikan laboratorio. Rakennustuotanto ja -talous. Raportti; 26).

Neenonen S, Koski A, Lassila AP, Lehtikoinen S. 2019. Towards low carbon economy - Green bond and asset development . IOP Conference Series: Earth and Environmental Science. 352(1). <https://doi.org/10.1088/1755-1315/352/1/012028>

Neenonen S, Sandström N, Nevgi A, Danivska V, Jalo H. 2019. Towards digital campus – improving usability of learning environments. In CIB World Building Congress 2019: 17-21, June, 2019, The Hong Kong Polytechnic University, Hong Kong, China . Hong Kong: INTERNATIONAL COUNCIL FOR RESEARCH AND INNOVATION IN BUILDING AND CONSTRUCTION (CIB).

Nejadsattari F, Zhang Y, Jayakody MN, Bouchard F, Larocque H, Sit A, Fickler R, Cohen E, Karimi E. 2020. Cyclic quantum walks: Photonic realization and decoherence analysis. Hemmer PR, Migdall AL, Hasan ZU, editors. In Advanced Optical Techniques for Quantum Information, Sensing, and Metrology. SPIE. (Proceedings of SPIE - The International Society for Optical Engineering). <https://doi.org/10.1117/12.2546566>

Naumov V, Samouylov K, Yarkina N, Sopin E, Andreev S, Samuylov A. 2015. LTE Performance Analysis Using Queuing Systems with Finite Resources and Random Requirements. In 2015 7th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT). IEEE. pp. 100-103. <https://doi.org/10.1109/ICUMT.2015.7382412>

Naumenko VV, Solodovnik VF, Totsky AV, Zelensky AA, Astola JT. 2015. Experimental study of bispectrum-based encoding in radio communication system. In 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings. The Institute of Electrical and Electronics Engineers, Inc. <https://doi.org/10.1109/ICATT.2015.7136853>

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

Naukkarinen J 2015. What Engineering Scientists Know and How They Know It: Towards Understanding the Philosophy of Engineering Science in Finland. Tampere University of Technology. 205 p. (Tampere University of Technology. Publication).

Nasrre IP, Levanen T, Valkama M. 2020. Constrained PSK: Energy-efficient modulation for Sub-THz systems. In 2020 IEEE International Conference on Communications Workshops, ICC Workshops 2020 - Proceedings. IEEE. (IEEE/CIC international conference on communications in China - workshops). <https://doi.org/10.1109/ICCWorkshops49005.2020.9145132>

Närhi M, Genty G, Amiot C, Dutta R, Friberg AT, Dudley JM, Turunen J. 2015. Measurement of the Temporal Coherence of Supercontinuum Light. In 2015 European Conference on Lasers and Electro-Optics - European Quantum Electronics Conference. OSA.

Närhi M, Genty G, Steinmeyer G, Sand J, Orsila L. 2015. Extreme Nonlinear Signal Amplification. In 2015 European Conference on Lasers and Electro-Optics - European Quantum Electronics Conference. OSA.

Närhi M, Tengvall M, Toivonen J, Dudley JM, Genty G. 2016. High Dynamic Range Single-Shot Spectral Measurements of Spontaneous Modulation Instability. In Frontiers in Optics 2016. Optical Society of America (OSA).

Närhi M, Wetzel B, Billet C, Merolla J-M, Toenger S, Sylvestre T, Morandotti R, Genty G, Dias F, Dudley JM. 2016. Real Time Measurements of Temporal Rogue Waves and Spontaneous Modulation Instability in Optical Fiber. In CLEO: QELS_Fundamental Science 2016. Optical Society of America. https://doi.org/10.1364/CLEO_QELS.2016.FF2A.7

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

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

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

Myllykoski TJ, Mattila P, Ali-Löytty S, Kaarakka T, Viro E. 2018. Yliopistomatematiikan sähköisten tehtävien ja matemaattisen ajattelun kehittäminen. *FMSERA Journal* . 2(1):46-56.

Myllärniemi J, Pekkola S, Helander N. 2017. Lessons for data-based value creation. In *12th International Forum on Knowledge Asset Dynamics, IFKAD 2017*. pp. 398-407. (Proceedings IFKAD).

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

Myllärniemi J, Helander N, Pekkola S. 2019. Challenges in developing data-based value creation. Bernardino J, Salgado A, Filipe J, editors. In *IC3K 2019 - Proceedings of the 11th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management. SCITEPRESS*. pp. 370-376. (IC3K 2019 - Proceedings of the 11th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management).

Mutanen A, Niska H, Järventausta P. 2016. Mining smart meter data - Case Finland. In *CIREC Workshop 2016. Institution of Engineering and Technology*. <https://doi.org/10.1049/cp.2016.0776>

Murayama M, Oguro D, Kikuchi H, Huttunen H, Ho YS, Shin J. 2017. Color-distribution similarity by information theoretic divergence for color images. In *2016 Asia-Pacific Signal and Information Processing Association Annual Summit and Conference, APSIPA 2016*. IEEE. <https://doi.org/10.1109/APSIPA.2016.7820681>

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

Munir MW, Shahid N, Omair SM, Munir G, Ul Haque MZ. 2017. Comparative investigation of remote tracking devices for aging care. *INTERNATIONAL JOURNAL OF INFORMATION TECHNOLOGY*. 9(3):261-266. <https://doi.org/10.1007/s41870-017-0034-7>

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

Müller P, Raitoharju M, Ali-Löytty S, Wirola L, Piche R. 2016. Обзор параметрических методов позиционирования на основе концепции отпечатка пальца. *Giroskopiya I Navigatsiya*. 24(1):3-35. <https://doi.org/10.17285/0869-7035.2016.24.1.003-035>

- Müller P, Lekkala J, Ali-Löytty S, Piche R. 2017. Indoor Localisation using Aroma Fingerprints: A First Sniff. In 2017 14th Workshop on Positioning, Navigation and Communications (WPNC). Bremen, Germany: IEEE. <https://doi.org/10.1109/WPNC.2017.8250046>
- Morasca S, Taibi D, Tosi D. 2013. OSS-TMM: Guidelines for improving the testing process of open source software. In Open Source Software Dynamics, Processes, and Applications. IGI Global. pp. 59-78. <https://doi.org/10.4018/978-1-4666-2937-0.ch004>
- Monakhov D, Naik D, Curcio IDD, Toukoma H. 2018. Analysis of User Exploration Patterns during Scene Cuts in Omnidirectional Videos. In SMPTE 2018. SMPTE. <https://doi.org/10.5594/M001845>
- Momeni K, Martinsuo M. 2015. Remote monitoring systems as enablers for project-related services. In IRNOP 2015: International Research Network on Organizing by Projects Conference. IRNOP.
- Momeni K, Martinsuo M. 2018. Moving toward integrated solutions in project-based firms: Changes in sales practices. In Proceedings of EURAM18 European Academy of Management conference 2018. European Academy of Management, EURAM. (EURAM conference).
- Momeni K, Vaitinen E, Jähi M, Martinsuo M. 2020. Service confidence in bringing new data-enabled services to market: A multi-actor perspective. Bigdeli A, Baines T, editors. In Proceedings of the Spring Servitization Conference: Advanced Services for Sustainability and Growth. Aston University. pp. 124-132.
- Mokhtarian H, Coatanea E, Paris H, Vihinen J. 2017. Identification of fundamental requirements for ideal metamodeling framework in additive manufacturing. Aaltonen J, Virkkunen R, Koskinen KT, Kuivanen R, editors. In Proceedings of the 2nd Annual SMACC Research Seminar 2017. pp. 29-31.
- Mokammel F, Coatanea E, Bakhouya M, Christophe F, Nonsiri S. 2013. Impact analysis of graph-based requirements models using PageRank algorithm. In 2013 IEEE International Systems Conference (SysCon). IEEE. pp. 731-736. (2013 IEEE International Systems Conference (SysCon)). <https://doi.org/10.1109/SysCon.2013.6549964>
- Moilanen C, Björkqvist T, Saarenrinne P. 2015. Wood compression model for radial compression of earlywood and latewood. In Proceedings of the XII Finnish Mechanics Days. Rakenteiden Mekaniikan Seura ry. pp. 261-266.
- Moilanen C, Björkqvist T, Ovaska M, Koivisto J, Miksic A, Engberg B, Salminen L, Saarenrinne P, Alava M. 2016. Modelling and Simulation of Radial Spruce Compression to Optimize Energy Efficiency in Mechanical Pulping. In 2016 International Mechanical Pulping (IMPC) Conference Proceedings, Monday, September 26 - Wednesday, September 28, Jacksonville, Florida, USA. USA: TAPPI. pp. 53-70.
- Mohamed Bahrudeen M, S. Ribeiro A. 2017. Tuning extrinsic noise effects on a small genetic circuit. In Proceedings of ECAL 2017: 14th European Conference on Artificial Life. Massachusetts Institute of Technology. https://doi.org/10.7551/ecal_a_075
- Mishra K, Krogerus T, Huhtala K. 2019. Profile extraction and deep autoencoder feature extraction for elevator fault detection. Callegari C, editor. In 16th International Conference on Signal Processing and Multimedia Applications: SIGMAP 2019, 26-28 July, 2019, Prague, Czech Republic. 2019 ed. Prague, Czech Republic: SCITEPRESS. pp. 313-320. <https://doi.org/10.5220/0007802003130320>
- Minaev G, Visa A, Piche R. 2017. Comprehensive survey of similarity measures for ranked based location fingerprinting algorithm. In Indoor Positioning and Indoor Navigation (IPIN), 2017 International Conference on. IEEE. <https://doi.org/10.1109/IPIN.2017.8115922>
- Mimilakis SI, Drossos K, Floros A, Katerelos D. 2013. Automated Tonal Balance Enhancement for Audio Mastering Applications. In Audio Engineering Society Convention 134. AES Audio Engineering Society.

Militano L, Orsino A, Araniti G, Iera A. 2017. NB-IoT for D2D-enhanced content uploading with social trustworthiness in 5G systems. *Future Internet*. 9(3). <https://doi.org/10.3390/fi9030031>

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

Michele Felicetti A, Ammirato S, Raso C, Aramo-Immonen H, Jussila J. 2016. Being a start-upper in Italy: Motivations, obstacles and success factors. In Proceedings of the 11th forum on knowledge asset dynamics: Towards a new architecture of knowledge: big data, culture and creativity. Dresden. pp. 1370-1383.

Michalas A, Kiss T. 2020. Charlie and the CryptoFactory: Towards Secure and Trusted Manufacturing Environments. In 20th IEEE Mediterranean Electrotechnical Conference, MELECON 2020: Proceedings. IEEE. pp. 141-146. (IEEE Mediterranean Electrotechnical Conference). <https://doi.org/10.1109/MELECON48756.2020.9140712>

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

Metsäpuro P, Vaismaa K, Karhula K, Luukkonen T, Mäntynen J, Rantala T 2014. Vaihdetta isommalle: Pyöräilyn potentiaalin hyödyntäminen. Tampere: Tampereen teknillinen yliopisto. Liikenteen tutkimuskeskus Verne. 145 p.

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

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

Messo T, Roinila T, Aapro A, Luhtala R. 2019. Accurate impedance model of grid-connected inverter for small-signal stability assessment in high-impedance grid. *IEEJ JOURNAL OF INDUSTRY APPLICATIONS*. 8(3):488-496. <https://doi.org/10.1541/ieejia.8.488>

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

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

Mereuta A, Nechay K, Caliman A, Suruceanu G, Gallo P, Guina M, Kapon E. 2019. 1.55- μm wavelength wafer-fused OP-VECSELs in flip-chip configuration. Keller U, editor. In Vertical External Cavity Surface Emitting Lasers (VECSELs) IX. SPIE, IEEE. (Proceedings of SPIE - The International Society for Optical Engineering). <https://doi.org/10.1117/12.2508342>

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

Melin J, Ritala R. 2015. Novel Method For Online Stereo Self-Calibration. In XXI IMEKO World Congress "Measurements In Research and Industry".

Mela K, Heinisuo M. 2014. Economical utilization of high strength steel: Welded slim floor box beams. In Eurosteel 2014 7th European conference on steel and composite structures.

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

Mela K, Hietaharju L. 2019. Cost optimization of end-plate connections. In Proceedings of Nordic Steel 2019: CE/papers Special Issue. Wilhelm Ernst und Sohn. pp. 349-354. (CE/papers). <https://doi.org/10.1002/cepa.1065>

Matikainen V, Koivuluoto H, Milanti A, Vuoristo P. 2015. Advanced coatings by novel high-kinetic thermal spray processes . *Materia*. 73(1):46-50.

Matikainen V, Bolelli G, Koivuluoto H, Sassatelli P, Lusvarghi L, Vuoristo P. 2016. High-temperature sliding wear behaviour of thermally sprayed Cr₃C₂-based coatings. In Proceedings of The 17th Nordic Symposium on Tribology - NORDTRIB 2016.

Matikainen V, Rubio S, Ojala N, Koivuluoto H, Schubert J, Houdková S, Vuoristo P. 2017. Cavitation erosion, slurry erosion and solid particle erosion performance of metal matrix composite (MMC) coatings sprayed with modern high velocity thermal spray processes. In Materials Science and Technology Conference and Exhibition 2017, MS and T 2017: October 8-12, 2017, Pittsburgh, Pennsylvania USA. Association for Iron and Steel Technology, AISTECH. pp. 1161-1163.

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

Marttila T, Suonketo J, Kero P, Annala P, Pentti M. 2015. Valtion tukemien homekorjaushankkeiden arviointi (HKPro 2). Säteri J, Ahola M, editors. In Sisäilmastoseminaari 2015 SIY Raportti 33, Messukeskus, Helsinki 11.3.2015: Sisäilmastoseminaari. Juva. pp. 101-106.

Marttila T, Suonketo J, Kero P, Annala P. 2015. Onnistumistekijät valtion tukemissa homekorjaushankkeissa. Vinha J, Ruuska T, editors. In Rakennusfysiikka 2015: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut, 20-22.10.2015, Tampere. Tampere: Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka. pp. 253-258.