

Dongho-Nguimdo, G. M. et al. "First principles prediction of the solar cell efficiency of chalcopyrite materials AgMX₂ (M=In, Al; X=S, Se, Te)". *Computational Condensed Matter*. 2019. 21. <https://doi.org/10.1016/j.cocom.2019.e00391>

Mishra, Krishna, Tomi Krogerus, and Kalevi Huhtala "Profile extraction and deep autoencoder feature extraction for elevator fault detection". Callegari, Christian (ed.). *16th International Conference on Signal Processing and Multimedia Applications: SIGMAP 2019, 26-28 July, 2019, Prague, Czech Republic*. 2019 udg., Prague, Czech Republic: SCITEPRESS. 2019, 313-320. <https://doi.org/10.5220/0007802003130320>

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

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

Ellman, Asko and Tarja Tiainen. "Diffusion of innovation: Case of co-design of cabins in mobile work machine industry". *Computers*. 2019. 8(2). <https://doi.org/10.3390/computers8020039>

Kahle, Hermann et al. "Double-side pumped membrane external-cavity surface-emitting laser (MECSEL) with increased efficiency emitting > 3 W in the 780 nm region". *2019 Conference on Lasers and Electro-Optics, CLEO 2019 - Proceedings*. IEEE. 2019. <https://doi.org/10.23919/CLEO.2019.8749958>

Abdallah, Zeina et al. "Frequency Comb Generation in a Continuous-Wave Pumped Second-Order Nonlinear Waveguide Resonator". *2019 Conference on Lasers and Electro-Optics, CLEO 2019 - Proceedings*. IEEE. 2019. <https://doi.org/10.23919/CLEO.2019.8750403>

Saad-Bin-Alam, Md et al. "High-Q resonance train in a plasmonic metasurface". *2019 Conference on Lasers and Electro-Optics, CLEO 2019 - Proceedings*. IEEE. 2019. <https://doi.org/10.23919/CLEO.2019.8750206>

Sadieq, Ibrahim et al. "Optical Frequency Comb Photoacoustic Spectroscopy". *2019 Conference on Lasers and Electro-Optics, CLEO 2019 - Proceedings*. IEEE. 2019. <https://doi.org/10.23919/CLEO.2019.8749688>

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

Leivo, Virpi et al. "Muovipäällysteisten lattioiden vaurioituminen kosteuden vaikutuksesta". *Sisäilmastoseminaari 2019: 14.3.2019 : Sisäilmayhdistys raportti 37*. SIY Raportti; 37. SIY SISÄILMATIETO OY. 2019, 383-388.

Rissanen, Joona et al. "Large mode area double clad ytterbium tapered fiber with circular birefringency". and Carter, Adrian L. Dong, Liang (editors). *Proceedings of SPIE : Fiber Lasers XVI: Technology and Systems*. Proceedings of SPIE. SPIE-INT SOC OPTICAL ENGINEERING. 2019. <https://doi.org/10.1117/12.2508811>

Fedotov, Andrei et al. "Analysis of upconversion nanoparticles as an active medium for upconversion light sources". *Proceedings of SPIE: Optical Components and Materials XVI*. Proceedings of SPIE : the International Society for Optical Engineering. S P I E - International Society for Optical Engineering. 2019. <https://doi.org/10.1117/12.2507599>

Messo, Tuomas et al. "Accurate impedance model of grid-connected inverter for small-signal stability assessment in high-impedance grid". *IEEJ JOURNAL OF INDUSTRY APPLICATIONS*. 2019. 8(3). <https://doi.org/10.23919/IPEC.2018.8507573>

Vihariälä, Jukka et al. "1.3µm U-bend traveling wave SOA devices for high efficiency coupling to silicon photonics". and Reed, Graham T. Knights, Andrew P. (editors). *Silicon Photonics XIV*. Proceedings of SPIE - The International Society for Optical Engineering. SPIE, IEEE. 2019. <https://doi.org/10.1117/12.2505935>

Mereuta, Alexandru et al. "1.55-µm wavelength wafer-fused OP-VECSELs in flip-chip configuration". Keller, Ursula (ed.). *Vertical External Cavity Surface Emitting Lasers (VECSELs) IX*. Proceedings of SPIE - The International Society for Optical Engineering. SPIE, IEEE. 2019. <https://doi.org/10.1117/12.2508342>

Yadav, Amit et al. "405-nm pumped Ce³⁺-doped silica fiber for broadband fluorescence from cyan to red". and Digonnet, Michel J. F. Jiang, Shibin (editors). *Optical Components and Materials XVI*. Proceedings of SPIE - The International Society for Optical Engineering. SPIE, IEEE. 2019. <https://doi.org/10.1117/12.2509599>

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

Zakeri, Faezeh Sadat et al. "Benchmarking of several disparity estimation algorithms for light field processing"., Bazeille, Stephane Verrier, Nicolas Cudel, Christophe (editors). *Fourteenth International Conference on Quality Control by Artificial Vision*. Proceedings of SPIE - The International Society for Optical Engineering. SPIE, IEEE. 2019. <https://doi.org/10.1117/12.2521747>

Tiitola, Vesa et al. "Dynamics of value in technology inspired value co-creation: Case in homecare value network". *14th IFKAD 2019 Proceedings: 5-7 June 2019, Matera, Italy*. PROCEEDINGS IFKAD. IKAM Centro Studi & Ricerche. 2019.

Taibi, Davide and Kari Systä "From monolithic systems to microservices: A decomposition framework based on process mining"., Ferguson, Donald and Munoz, Victor Mendez Helfert, Markus Pahl, Claus (editors). *CLOSER 2019 - Proceedings of the 9th International Conference on Cloud Computing and Services Science*. SCITEPRESS. 2019, 153-164. <https://doi.org/10.5220/0007755901530164>

Almeida, Bilena et al. "Mean and variability in RNA polymerase numbers are correlated to the mean but not the variability in size and composition of Escherichia coli cells"., De Maria, Elisabetta Gamboa, Hugo Fred, Ana (editors). *BIOINFORMATICS 2019 - 10th International Conference on Bioinformatics Models, Methods and Algorithms, Proceedings; Part of 12th International Joint Conference on Biomedical Engineering Systems and Technologies, BIOSTEC 2019*. SCITEPRESS. 2019, 226-233. <https://doi.org/10.5220/0007456102260233>

Kahle, Hermann et al. "MECSELs with direct emission in the 760 nm to 810 nm spectral range: A single- and double-side pumping comparison and high-power continuous-wave operation". Keller, Ursula (ed.). *Vertical External Cavity Surface Emitting Lasers (VECSELs) IX*. Proceedings of SPIE - The International Society for Optical Engineering. SPIE, IEEE. 2019. <https://doi.org/10.1117/12.2512111>

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

Radevici, Ivan et al. "Observation of local electroluminescent cooling and identifying the remaining challenges"., Seletskiy, Denis V. Epstein, Richard I. Sheik-Bahae, Mansoor (editors). *Photonic Heat Engines: Science and Applications*. Proceedings of SPIE - The International Society for Optical Engineering. SPIE, IEEE. 2019. <https://doi.org/10.1117/12.2505814>

Piccardi, Armando et al. "Random lasing control with optical spatial solitons in nematic liquid crystals"., Ribeiro, Paulo Raposo, Maria Andrews, David (editors). *PHOTOPTICS 2019 - Proceedings of the 7th International Conference on Photonics, Optics and Laser Technology*. SCITEPRESS. 2019, 289-293. <https://doi.org/10.5220/0007575102890293>

Qian, Yanlin et al. "Revisiting gray pixel for statistical illumination estimation"., Kerren, Andreas Hurter, Christophe Braz, Jose (editors). *VISIGRAPP 2019 - Proceedings of the 14th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications*. SCITEPRESS. 2019, 36-46. <https://doi.org/10.5220/0007406900360046>

Ainasoja, Antti E., Said Pertuz, and Joni-Kristian Kämäräinen "Smartphone teleoperation for self-balancing telepresence robots"., Kerren, Andreas Hurter, Christophe Braz, Jose (editors). *VISIGRAPP 2019 - Proceedings of the 14th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications*. SCITEPRESS. 2019, 561-568. <https://doi.org/10.5220/0007406405610568>

Garifullin, Marsel. "Experimental moment resistance of rectangular hollow section T joints". *MATEC Web of Conferences*. 2018. 245. <https://doi.org/10.1051/mateconf/201824508003>

Riipinen, Tuomas et al. *Industrialization of hybrid and additive manufacturing-Implementation to Finnish industry (HYBRAM)* Research Reports. VTT Technical Research Centre of Finland. 2018.

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

Kekonen, Atte, Mikael Bergelin, and Jari Viik. "Tutkimuskatsaus: Uusia menetelmiä haavan paranemisen arviointiin ja seurantaan". *HAAVA*. 2018, 20(3). 30-32.

Kirjavainen, Johanna, Saku Mäkinen, and Matti Sommarberg "The Effects of Product Line Length on Firm Performance". *2018 Portland International Conference on Management of Engineering and Technology (PICMET)*. IEEE. 2018. <https://doi.org/10.23919/PICMET.2018.8481780>

Majuri, Matti and Minna Lanz "Social capital characteristics in RD project networks". *2018 Portland International Conference on Management of Engineering and Technology (PICMET)*. IEEE. 2018. <https://doi.org/10.23919/PICMET.2018.8481775>

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

Monakhov, Dmitrii et al. "Analysis of User Exploration Patterns during Scene Cuts in Omnidirectional Videos". *SMPTE 2018*. SMPTE. 2018. <https://doi.org/10.5594/M001845>

Kekonen, Atte et al. "Long-term monitoring of acute wound healing from beneath the primary wound dressings". *2018 16th Biennial Baltic Electronics Conference (BEC)*. IEEE. 2018. <https://doi.org/10.1109/BEC.2018.8600956>

Ahmed, Shahbaz et al. "Glove-integrated slotted patch antenna for wearable UHF RFID reader". *2018 IEEE International Conference on RFID Technology & Application (RFID-TA)*. IEEE. 2018. <https://doi.org/10.1109/RFID-TA.2018.8552817>

Qureshi, Shoaib, Toni Björninen, and Johanna Virkki "Referenced backscattering compression level indicator based on passive UHF RFID tags". *2018 IEEE International Conference on RFID Technology & Application (RFID-TA)*. IEEE. 2018. <https://doi.org/10.1109/RFID-TA.2018.8552830>

Pournoori, Nikta et al. "RF energy harvesting system with RFID-enabled charge storage monitoring". *2018 IEEE International Conference on RFID Technology & Application (RFID-TA)*. IEEE. 2018. <https://doi.org/10.1109/RFID-TA.2018.8552826>

Ortombina, L. et al. "Constrained Long-Horizon Direct Model Predictive Control for Synchronous Reluctance Motor Drives". *2018 IEEE 19th Workshop on Control and Modeling for Power Electronics, COMPEL 2018*. IEEE. 2018. <https://doi.org/10.1109/COMPEL.2018.8460173>

- Schwarz, Sebastian et al. "2D Video Coding of Volumetric Video Data". *2018 Picture Coding Symposium, PCS 2018 - Proceedings*. IEEE. 2018, 61-65. <https://doi.org/10.1109/PCS.2018.8456265>
- Us, Defne et al. "Evaluation of Median Root Prior for Robust In-Beam PET Reconstruction". *IEEE Transactions on Radiation and Plasma Medical Sciences*. 2018, 2(5). 490-498. <https://doi.org/10.1109/TRPMS.2018.2854231>
- Taivalsaari, Antero et al. "Web User Interface Implementation Technologies: An Underview". *14th International Conference on Web Information Systems and Technologies*. SCITEPRESS. 2018, 127-136. <https://doi.org/10.5220/0006885401270136>
- Chen, X. et al. "Fabrication and Practical Evaluation of Glove-integrated Passive UHF RFID Tags". *2018 IEEE International Conference on RFID Technology Application (RFID-TA)*. IEEE. 2018. <https://doi.org/10.1109/RFID-TA.2018.8552814>
- Jokinen, Jarno, Mikko Kanerva and Olli Saarela "Multi-site delamination analysis using virtual crack closure technique for a composite aircraft wing flap". *31st Congress of the International Council of the Aeronautical Sciences (Proceedings): Belo Horizonte, Brazil September 9-14, 2018*. ICAS Press. 2018.
- Tuukkanen, Sampo and Satu Rajala "Nanocellulose as a Piezoelectric Material". *Piezoelectricity - Organic and Inorganic Materials and Applications*. InTech Open Access Publisher. 2018, 1-14. <https://doi.org/10.5772/intechopen.77025>
- Kallonen, Antti et al. "Comparison of food frequency questionnaire data and shopping records for the assessment of food intake". *Proceedings of Seventh International Conference on Well-Being in the Information Society: Fighting Inequalities (WIS 2018)*. TUCS Lecture Notes. 2018, 25-30.
- Baczkiwicz, Jolanta, Sami Pajunen and Markku Heinisuo. "Effect of radiation inside square hollow section under moderate non-symmetric fire". *Fire Research*. 2018, 2(1). 25-30. <https://doi.org/10.4081/fire.2018.42>
- Geng, Jing et al. "Model-based cosimulation for industrial wireless networks". *WFCS 2018 - 2018 14th IEEE International Workshop on Factory Communication Systems*. IEEE. 2018, 1-10. <https://doi.org/10.1109/WFCS.2018.8402343>
- Koponen, Pekka et al. "Improved modelling of electric loads for enabling demand response by applying physical and data-driven models: Project Response". *2018 IEEE International Energy Conference, ENERGYCON 2018*. IEEE. 2018, 1-6. <https://doi.org/10.1109/ENERGYCON.2018.8398794>
- Momeni, Khadijeh and Miia Martinsuo "Moving toward integrated solutions in project-based firms: Changes in sales practices". *Proceedings of EURAM18 European Academy of Management conference 2018*. EURAM conference. European Academy of Management, EURAM. 2018.
- Madhala, Prashanth et al. "Systematic literature review on customer emotions in social media". and Cunnane, Vincent Corcoran, Niall (editors). *ECSSM - Proceedings of the 5th European Conference on Social Media*. Limerick, Ireland. 2018.
- Chen, X. et al. "Fabrication and reliability evaluation of passive UHF RFID T-shirts". *2018 IEEE International Workshop on Antenna Technology, IWAT2018 - Proceedings*. IEEE. 2018, 1-4. <https://doi.org/10.1109/IWAT.2018.8379146>
- Kuula, Pirjo et al. "Education on the utilization of secondary materials in earthworks". and Lahtinen, Pentti Raasakka, Ville (editors). *Proceedings of the 10th International Conference on the Environmental and Technical Implications of Construction with Alternative Materials: No Gradle no Grave Circular Economy into practice*. RIL - Finnish Association of Civil Engineers. 2018, 177-187.
- Leppänen, Minna et al. "Technical suitability of the fine fraction of municipal solid waste incineration bottom ash to the landfill capping liner". and Raasakka, V. Lahtinen, P. (editors). *Proceedings of the 10th International Conference on the Environmental and Technical Implications of Construction with Alternative Materials WASCON 2018: No Gradle, No Grave - Circular Economy into Practice*. RIL - Finnish Association of Civil Engineers. 2018, 168-175.

Bolla, Padma and Elena-Simona Lohan "Dual-frequency signal processing architecture for robust and precise positioning applications". *2018 IEEE/ION Position, Location and Navigation Symposium, PLANS 2018*. IEEE. 2018, 72-80. <https://doi.org/10.1109/PLANS.2018.8373367>

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

Martinsuo, Miia and Eija Vaittinen "Industrial customers' organizational readiness for service innovations: Adopting data-based advanced services". *Proceedings of the 25th Innovation and Product Development Management Conference*. International Product Development Management Conference. European Institute for Advanced Studies in Management, EIASM. 2018.

Toenger, Shanti et al. "Intensity Interferometry of Supercontinuum Light"., Setälä, Tero and Turunen, Jari T. Friberg, Ari Saastamoinen, Kimmo (editors). *Trends in Electromagnetic Coherence*. Publications of the University of Eastern Finland. Reports and studies in forestry and natural sciences; 32. Joensuu: University of Eastern Finland. 2018.

Martinsuo, Miia et al. "Lifecycle-oriented framing of value at the front end of infrastructure projects". *Proceedings of EURAM18 European Academy of Management conference 2018*. EURAM conference. European Academy of Management, EURAM. 2018.

Martinsuo, Miia and Fanni Laurila "Requirements from industrial internet for innovations in advanced industrial services". *Proceedings of the 25th Innovation and Product Development Management Conference*. International Product Development Management Conference. European Institute for Advanced Studies in Management, EIASM. 2018.

Sillberg, Pekka "Toward Manageable Data Sources"., Endrjukaite, Tatiana and Kangassalo, Hannu Thalheim, Bernhard Kiyoki, Yasushi (editors). *EJC 2018: Proceedings of the 28th International Conference on Information Modelling and Knowledge Bases*. Transport and Telecommunication Institute. 2018, 485-494.

Ellman, A. et al. "Re-use of engineering design rationale in Finnish SME project based industry". *Proceedings of the Design 2018 15th International Design Conference*. The Design Society. 2018, 1825-1832. <https://doi.org/10.21278/idc.2018.0363>

Lietzen, Jesse and Mikko Kylliäinen "Finnish Round Robin Test on Airborne Sound Insulation". *Proceedings of the 11th European Congress and Exposition on Noise Control Engineering, Euronoise 2018, May 27-31 2018, Hersonissos, Crete, Greece: Reduce Noise to Improve Life*. European Congress and Exposition on Noise Control Engineering. Hersonissos, Crete, Greece: European Acoustic Association EAA. 2018, 1677-1682.

Lietzen, Jesse et al. "Measurements of impact force excitation on wooden floors". *Proceedings of the 11th European Congress and Exposition on Noise Control Engineering, Euronoise 2018, May 27-31 2018, Hersonissos, Crete, Greece: Reduce Noise to Improve Life, Crete, May 27-31, 2018*. Proceedings : European Conference on Noise Control. Hersonissos, Crete, Greece: European Acoustic Association EAA. 2018, 1617-1622.

Vaittinen, Eija and Miia Martinsuo "Ready to sell? Requirements for promoting service selling in a manufacturing firm"., Bigdeli, Ali and Frandsen, Thomas Raja, Jawwad Baines, Tim (editors). *Proceedings of the Spring Servitization Conference, Driving Competitiveness through Servitization, 14-16 May 2018*. Aston University. 2018, 26-34.

Jama, Teemu et al. *Ideoita kaavoituksen sisällön uudistamiseen: Kaavojen merkintöjen ja määräysten kehittäminen (KAMMI-hanke)* Helsinki: Ympäristöministeriö. 2018.

Katkovnik, Vladimir et al. "Multiwavelength surface contouring from phase-coded diffraction patterns". *Unconventional Optical Imaging 2018. Strasbourg, France*. Proceedings of SPIE - The International Society for Optical Engineering. SPIE. 2018. <https://doi.org/10.1117/12.2306127>

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

Zhao, Yongguang et al. "Sub-100 fs pulse generation from a Tm:Ho: CALYO laser mode-locked by a GaSb-based SESAM at ~2043 nm". *CLEO: Science and Innovations, CLEO_SI 2018*. OSA - The Optical Society. 2018. https://doi.org/10.1364/CLEO_SI.2018.SF2N.1

Noronen, Teppo et al. "Ultra-large mode area single frequency anisotropic MOPA with double clad Yb-doped tapered fiber". *Fiber Lasers XV: Technology and Systems*. Proceedings of SPIE. SPIE, IEEE. 2018. <https://doi.org/10.1117/12.2288942>

Fakour-Sevom, Vida, Esin Guldogan, and Joni-Kristian Kämäräinen "360 panorama super-resolution using deep convolutional networks". *VISIGRAPP 2018 - Proceedings of the 13th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications*. SCITEPRESS. 2018, 159-165. <https://doi.org/10.5220/0006618901590165>

Voronin, V. et al. "Action recognition using the 3D dense microblock difference". *Counterterrorism, Crime Fighting, Forensics, and Surveillance Technologies II*. Proceedings of SPIE. SPIE. 2018. <https://doi.org/10.1117/12.2326801>

M. Aref, Mohammad et al. "Adaptive Feedback in Local Coordinates for Real-time Vision-Based Motion Control Over Long Distances". *International Conference on Robotics and Mechantronics : (ICRoM 2017)*. IOP conference series : materials science and engineering. IOP Publishing Ltd. 2018. <https://doi.org/10.1088/1757-899X/320/1/012009>

Kerst, Thomas and Juha Toivonen "Alpha radiation induced luminescence in solar blind spectral region". *CLEO: Applications and Technology, CLEO_AT 2018*. OSA - The Optical Society. 2018. https://doi.org/10.1364/CLEO_AT.2018.ATH4O.8

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

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

Jääskeläinen, Aki, Holger Schiele, and Leena Aarikka-Stenroos "A social capital perspective on gaining optimal solutions from suppliers as preferred customer". *Academy of Management Proceedings*. 1 udg., Academy of Management Proceedings; 1. Academy of Management AOM. 2018. <https://doi.org/10.5465/AMBPP.2018.16278abstract>

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

Garifullin, M. et al. "Cold-formed RHS T joints with initial geometrical imperfections". *Magazine of Civil Engineering*. 2018, 80(4). 81-94. <https://doi.org/10.18720/MCE.80.8>

Bautista, Godofredo et al. "Collective nonlinear optical effects in plasmonic nanohole ensembles of different rotational symmetries". *CLEO: QELS Fundamental Science 2018*. The Optical Society; OSA. 2018. https://doi.org/10.1364/CLEO_QELS.2018.FW3G.3

Keinänen, Marko and Kalle Kähkönen. "Core Project Team As a Management Entity for Construction Projects". *In_bo: Ricerche e progetti per il territorio, la città e l'architettura. Construction Management*. 2018, 9(13). 208-217.

Fang, Cheng Yi et al. "Development of efficient electrically pumped nanolasers based on InAlGaAs tunnel junction". *CLEO: Science and Innovations, CLEO_SI 2018*. OSA - The Optical Society. 2018. https://doi.org/10.1364/CLEO_SI.2018.SW4Q.4

Soltani, Ayat et al. "Digital image correlation study of the deformation and functioning of the human heart during open-heart surgery". *Mechanics of Biological Systems, Materials and other topics in Experimental and Applied Mechanics - Proceedings of the 2017 Annual Conference on Experimental and Applied Mechanics*. Conference Proceedings of the Society for Experimental Mechanics. Springer New York LLC. 2018, 19-27. https://doi.org/10.1007/978-3-319-63552-1_4

Tan, Lea Chua et al. "Effect of elevated nitrate and sulfate concentrations on selenate removal by mesophilic anaerobic granular sludge bed reactors". *Environmental Science: Water Research & Technology*. 2018, 4(2). 303-314 . <https://doi.org/10.1039/C7EW00307B>

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

Assanto, Gaetano et al. "Electro-optic steering of random laser emission in liquid crystals". *Photonics Letters of Poland*. 2018, 10(4). 103-105. <https://doi.org/10.4302/plp.v10i4.852>

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

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

Raunio, Jukka-Pekka et al. "Evaluating the contrast of planar periodic patterns on paper". *Paper Conference and Trade Show, PaperCon 2018*. TAPPI Press. 2018, 294-302.

Kart, Ugur et al. "Evaluation of visual object trackers on equirectangular panorama". *VISIGRAPP 2018 - Proceedings of the 13th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications*. SCITEPRESS. 2018, 25-32. <https://doi.org/10.5220/0006526200250032>

Niu, Longchuan et al. "Eye-in-Hand Manipulation for Remote Handling: Experimental Setup". *International Conference on Robotics and Mechantronics : (ICRoM 2017)*. IOP conference series : materials science and engineering. IOP Publishing Ltd. 2018. <https://doi.org/10.1088/1757-899X/320/1/012007>

Kantola, Emmi et al. "Frequency-doubled VECSEL employing a Volume Bragg Grating for linewidth narrowing". *CLEO: Applications and Technology, CLEO_AT 2018*. OSA - The Optical Society. 2018. https://doi.org/10.1364/CLEO_AT.2018.JTu2A.17

Kantola, Emmi et al. "Frequency-doubled wafer-fused 638 nm VECSEL with an output power of 5.6 W". *CLEO: Applications and Technology, CLEO_AT 2018*. OSA - The Optical Society. 2018. https://doi.org/10.1364/CLEO_AT.2018.JTu2A.10

Stankovic, Radomir S., Jaakko Astola and Claudio Moraga "Gibbs Dyadic Differentiation on Groups - Evolution of the Concept". *Computer Aided Systems Theory – EUROCAST 2017 - 16th International Conference, Revised Selected Papers*. Lecture Notes in Computer Science. Springer Verlag. 2018, 229-237. https://doi.org/10.1007/978-3-319-74727-9_27

Yancheshmeh, Fatemeh Shokrollahi, Ke Chen, and Joni-Kristian Kämäräinen "Hierarchical deformable part models for heads and tails". *VISIGRAPP 2018 - Proceedings of the 13th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications*. SCITEPRESS. 2018, 45-55. <https://doi.org/10.5220/0006532700450055>

Mateos, Xavier et al. "Highly-efficient Ho:KY(WO₄)₂ thin-disk lasers at 2.06 μm". *Pacific-Rim Laser Damage 2018: Optical Materials for High-Power Lasers*. Proceedings of SPIE. SPIE, IEEE. 2018. <https://doi.org/10.1117/12.2316822>

Zia, Nouman et al. "High performance GaSb superluminescent diodes for tunable light source at 2 μm and 2.55 μm". *CLEO: Applications and Technology, CLEO_AT 2018*. OSA - The Optical Society. 2018. https://doi.org/10.1364/CLEO_AT.2018.JTu2A.28

Fedotov, Andrei et al. "High power picosecond MOPA with anisotropic ytterbium-doped tapered double-clad fiber"., Taccheo, S Mackenzie, JI Ferrari, M (editors). *Proceedings of SPIE : Fiber Lasers and Glass Photonics: Materials through Applications*. Proceedings of SPIE. SPIE-INT SOC OPTICAL ENGINEERING. 2018. <https://doi.org/10.1117/12.2307693>

Brobbe, Kofi J. et al. "High-speed manufacturing of antimicrobial paper". *Paper Conference and Trade Show, PaperCon 2018*. TAPPI Press. 2018, 564-566.

Karioja, Pentti et al. "Integrated multi-wavelength mid-IR light source for gas sensing". *Next-Generation Spectroscopic Technologies XI*. SPIE Conference Proceedings. SPIE, IEEE. 2018. <https://doi.org/10.1117/12.2305712>

Smith, Jarrod et al. "Internal Heat Generation in Tension Tests of AISI 316 Using Full-Field Temperature and Strain Measurements". *Advancement of Optical Methods in Experimental Mechanics, Volume 3. Conference Proceedings of the Society for Experimental Mechanics Series*. Conference Proceedings of the Society for Experimental Mechanics. Springer New York LLC. 2018, 97-103. https://doi.org/10.1007/978-3-319-63028-1_16

Palanivel, Suresh et al. "In vitro characterization of arylhydrazones of active methylene derivatives". *Saudi Pharmaceutical Journal*. 2018, 26(3). 430-436. <https://doi.org/10.1016/j.jsps.2017.12.018>

Schelkens, Peter et al. "JPEG Pleno: a standard framework for representing and signaling plenoptic modalities". *SPIE Proceedings Volume 10752: Applications of Digital Image Processing XLI*. SPIE Conference Proceedings. SPIE. 2018.

Kaarakka, Terhi Elina, Simo Ali-Löytty and Miika Huhtanen. "Kehittämistutkimus: vuorovaikutteisten Matlab-opetusohjelmien vaikutus minäpystyvyyteen ja oppimistuloksiin yliopistomatematiikassa". *FMSERA Journal*. 2018, 2(1). 67-77.

Ainasoja, Antti E. et al. "Keyframe-based video summarization with human in the loop". *VISIGRAPP 2018 - Proceedings of the 13th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications*. SCITEPRESS. 2018, 287-296. <https://doi.org/10.5220/0006619202870296>

Uotila, Ulrika, Arto Saari, and Juha-Matti Junnonen "Laser Scanning Tasks of Building Refurbishment Project". *Proceedings of the 17th International Conference on Computing in Civil and Building Engineering (ICCCBE)*. 2018.

Rosati, Pierangelo et al. "Making the cloud work for software producers: Linking architecture, operating cost and revenue". *CLOSER 2018 - Proceedings of the 8th International Conference on Cloud Computing and Services Science*. SCITEPRESS. 2018, 364-375. <https://doi.org/10.5220/0006679303640375>

Kelo, Tomi, Juhani Eronen and Kimmo Rousku "Model for efficient development of security audit criteria". *Proceedings of the 17th European Conference on Cyber Warfare and Security, ECCWS 2018*. Curran Associates. 2018, 244-252.

Koskinen, Kalle et al. "Non-resonant enhancement of second-harmonic generation from metal nanoislands coated with dielectric layers". *CLEO: QELS_Fundamental Science 2018*. OSA. 2018. https://doi.org/10.1364/CLEO_AT.2018.JTu2A.134

Nenonen, Suvi, Alpo Salmisto, and Vitalija Petrulaitiene, ed. *Proceedings of the 1st Transdisciplinary Workplace Research Conference* Tampereen teknillinen yliopisto. Rakennustekniikan laboratorio. Rakennustuotanto ja -talous. Raportti; 26. Tampere University of Technology. Department of Civil Engineering. 2018.

Viro, Ida Elina and Jorma Joutsenlahti. "Projektityöskentelyn kehittäminen yläkoulun matematiikan opetuksessa". *FMSERA Journal*. 2018, 2(1). 90-99.

Linna, Marko, Juho Kannala, and Esa Rahtu "Real-time human pose estimation with convolutional neural networks". *VISIGRAPP 2018 - Proceedings of the 13th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications*. SCITEPRESS. 2018, 335-342. <https://doi.org/10.5220/0006624403350342>

Ryczkowski, Piotr et al. "Real-time measurements of nonlinear instabilities in optical fibers". *CLEO: Applications and Technology, CLEO_AT 2018*. OSA - The Optical Society. 2018. https://doi.org/10.1364/CLEO_AT.2018.AF2Q.1

Camacho-Morales, Rocio et al. "Resonant harmonic generation in AlGaAs nanoantennas using cylindrical vector beams". *CLEO: QELS_Fundamental Science 2018*. The Optical Society; OSA. 2018. https://doi.org/10.1364/CLEO_QELS.2018.FF1E.6

Tomberg, Teemu et al. "Sub-parts-per-trillion sensitivity in trace gas detection by cantilever-enhanced photo-acoustic spectroscopy". *CLEO: Applications and Technology, CLEO_AT 2018*. OSA - The Optical Society. 2018. https://doi.org/10.1364/CLEO_AT.2018.ATh1O.8

Kangas, Jari and Jenni Poutanen "Underpinning Interrelated Factors of Physical, Virtual, and Social Learning Environments". *ICERI2018 Proceedings*. ICERI proceedings. 2018, 8087-8096. <https://doi.org/10.21125/iceri.2018.0459>

Bambach, Patrick et al. "What's inside a rubble pile asteroid? DiSCUS - A tomographic twin radar Cubesat to find out". *69th International Astronautical Congress, IAC 2018*. Proceedings of the International Astronautical Congress, IAC. 2018.

Myllykoski, Tuomas Jaakko et al. "Yliopistomatematiikan sähköisten tehtävien ja matemaattisen ajattelun kehittäminen". *FMSERA Journal*. 2018, 2(1). 46-56.

Shao, Kai et al. "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*. 2018, 40(10). 2354-2362. <https://doi.org/10.3969/j.issn.1001-506X.2018.10.29>

Saari, Ulla et al. "Assessing the usefulness of an early idea development tool among experienced researchers". *CERN IdeaSquare Journal of Experimental Innovation*. 2017, 1(2). 3-8. <https://doi.org/10.23726/cij.2017.476>

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

Juuti, Petri, Tapio S. Katko, and Riikka Rajala. "Sata vuotta vesihuoltoa Suomessa". *Vesitalous*. 2017, 58(6). 13-15.

Solomitchii, D. et al. "Comparative evaluation of radio propagation properties at 15 GHz and 60 GHz frequencies". *2017 9th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT)*. IEEE. 2017, 91-95. <https://doi.org/10.1109/ICUMT.2017.8255207>

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

Burkov, A. et al. "Upper bound and approximation of random access throughput over chase combining HARQ". *2017 9th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT)*. IEEE. 2017, 143-147. <https://doi.org/10.1109/ICUMT.2017.8255206>

Peng, Zhe et al. "Analysis of Crowdsensed WiFi Fingerprints for Indoor Localization". *Proceedings of the 21st Conference of Open Innovations Association FRUCT*. Helsinki, Finland: FRUCT. 2017, 268-277.

Ma, Shubin et al. "Wearable e-textile split ring passive UHF RFID tag: Body-worn performance evaluation". *2017 IEEE Asia Pacific Microwave Conference (APMC)*. IEEE. 2017.

Veronese, Andrea et al. "Probabilistic Mapping of Human Visual Attention from Head Pose Estimation". *Frontiers in Robotics and AI*. 2017. <https://doi.org/10.3389/frobt.2017.00053>

Khorramdel, Behnam, Thomas M Kraft, and Matti Mäntysalo. "Inkjet printed metallic micropillars for bare die flip-chip bonding". *Flexible and Printed Electronics*. 2017, 2(4). 045005. <https://doi.org/10.1088/2058-8585/aa9171>

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

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

Annila, Petri et al. "Kosteusvaurioiden vakavuus kuntien rakennuksissa". and Vinha, Juha Kivioja, Henna (editors). *Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere*. Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.. Tampere: Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka. 2017, 135-140.

Ruusala, Annu and Juha Vinha "Koulujen ja päiväkotien laskettu ja toteutunut energiankulutus". and Vinha, Juha Kivioja, Henna (editors). *Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere*. Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.. Tampere: Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka. 2017, 267-274.

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

Jokisalo, Juha et al. "Kustannusoptimaaliset energiakorjaus- ja uusiutuvan energian tuotannon ratkaisut kunnallisissa palvelurakennuksissa". and Vinha, Juha Kivioja, Henna (editors). *Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere*. Tampere: Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka. 2017, 287-292.

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

Kauppinen, Antti et al. "Paine-erot Pirkanmaan ja Helsingin julkisissa palvelurakennuksissa". and Vinha, Juha Kivioja, Henna (editors). *Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere*. Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.. Tampere: Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka. 2017, 215-221.

Laukkarinen, Anssi et al. "Puukerrostalon työmaavaiheen lämpö- ja kosteusolosuhteiden mittaukset". and Vinha, Juha Kivioja, Henna (editors). *Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere*. Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.. Tampere: Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka. 2017, 167-172.

Teriö, Olli et al. "Puukerrostalorakentamisen kosteudenhallinta". and Vinha, Juha Kivioja, Henna (editors). *Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere*. Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.. Tampere: Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka. 2017, 173-178.

Tuominen, Eero, Maarit Vainio, and Juha Vinha "Suomessa markkinoilla olevien kalsiumsilikaattilevyjen rakennusfysiikkaaliset materiaaliominaisuudet". and Vinha, Juha Kivioja, Henna (editors). *Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere*. Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka. . Tampere: Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka. 2017, 455-460.

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

Viheriäkoski, Toni et al. "Electrostatic discharge characteristics of conductive polymers". *Electrical Overstress/Electrostatic Discharge Symposium Proceedings 2017, EOS/ESD 2017*. ESD Association. 2017.

Viheriäkoski, Toni et al. "Qualification challenges of footwear and flooring systems". *Electrical Overstress/Electrostatic Discharge Symposium Proceedings 2017, EOS/ESD 2017*. ESD Association. 2017.

Müller, Philipp et al. "Indoor Localisation using Aroma Fingerprints: A First Sniff". *2017 14th Workshop on Positioning, Navigation and Communications (WPNC)*. Bremen, Germany: IEEE. 2017. <https://doi.org/10.1109/WPNC.2017.8250046>

Pakkala, Toni et al. "Julkisivujen ja parvekkeiden talvikorjausohje". and Vinha, Juha Kivioja, Henna (editors). *Rakennusfysiikka 2017: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut, 24-26.10.2017, Tampere*. Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.. Tampere: Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka. 2017, 179-184.

Kiili, Kristian et al. "Rational Number Knowledge Assessment and Training With a Game Competition". *Proceedings of The 11th European Conference on Game-Based Learning ECGBL 2017*. Academic Conferences and Publishing International Limited. 2017, 320-327.

Hlavatý, Ivo et al. "The effect of tungsten carbide particles content in a weld deposit on its abrasion resistance". *Technical Gazette - Technicki vjesnik*. 2017, 24(5). 1345-1349. <https://doi.org/10.17559/TV-20160503085356>

Kraft, Thomas, Paul Berger, and Donald Lupo. "Printed and organic diodes: devices, circuits and applications". *Flexible and Printed Electronics*. 2017. 2(3). <https://doi.org/10.1088/2058-8585/aa8ac3>

Laitinen, Arttu et al. "Barkhausen noise Potcore sensor simulations with Comsol". *12th International Conference on Barkhausen Noise and Micromagnetic Testing*. ICBM. 2017, 97-107.

Sorsa, Aki et al. "Case depth prediction of nitrided components". *12th International Conference on Barkhausen Noise and Micromagnetic Testing*. ICBM. 2017, 65-72.

- Virkki, Johanna et al. "Embroidered antennas and antenna-electronics interfaces for wearable RFID tags". *IMWS-AMP 2017 International Microwave Workshop Series on Advanced Materials and Processes*. IEEE. 2017. <https://doi.org/10.1109/IMWS-AMP.2017.8247437>
- Suominen, Anu Helena and Sari Mäenpää "Knowledge sharing in knowledge collectivity: case digitalization in industrial network"., Marimon, Frederic and Mas-Machuca, Marta Berbegal-Mirabent, Jasmina Bastida, Ramon (editors). *Proceedings of the 18th European Conference on Knowledge Management ECKM 2017: 7-8 September 2017, Barcelona, Spain*. Academic Conferences and Publishing International. 2017, 956-963.
- Mohamed Bahrudeen, Mohamed and Andre S. Ribeiro "Tuning extrinsic noise effects on a small genetic circuit". *Proceedings of ECAL 2017: 14th European Conference on Artificial Life*. Massachusetts Institute of Technology. 2017. https://doi.org/10.7551/ecal_a_075
- Munir, M. W. et al. "Comparative investigation of remote tracking devices for aging care". *INTERNATIONAL JOURNAL OF INFORMATION TECHNOLOGY*. 2017, 9(3). 261-266. <https://doi.org/10.1007/s41870-017-0034-7>
- Kähkönen, Kalle and Jens Brandt "Quality evaluation on of contractor's schedule for building renovation"., Ciribini , Angelo , Alaimo , Giuseppe and Capone , Pietro Daniotti , Bruno Dell'Osso , Guido Nicoletta , Maurizio (editors). *Re-shaping the construction industry*. ISTeA Italian Society of Science, Technology and Engineering of Architecture; Maggioli Editore. 2017, 175-184.
- Mäntysalo, Matti et al. "Printed soft-electronics for remote body monitoring". *Hybrid Memory Devices and Printed Circuits 2017: SPIE Organic Photonics + Electronics | 6-10 August 2017*. SPIE Conference Proceedings. SPIE. 2017. <https://doi.org/10.1117/12.2275606>
- Dang, Duong and Samuli Pekkola "Enterprise architecture and organizational reform: a project debrief". *Proceedings the 21st Pacific Asian Conference on Information Systems 2017 (PACIS'2017): Langkawi, Malay, 16-20 July, 2017*. Association for Information Systems AIS. 2017.
- Militano, Leonardo et al. "NB-IoT for D2D-enhanced content uploading with social trustworthiness in 5G systems". *Future Internet*. 2017. 9(3). <https://doi.org/10.3390/fi9030031>
- Saari, M., T. Mäkinen, and P. Linna "Applying third-party moocs in programming education: a case study". *9th International Conference on Education and New Learning Technologies: 3-5 July, 2017 Barcelona, Spain*. Barcelona, Spain: IATED. 2017, 53-59. <https://doi.org/10.21125/edulearn.2017.1014>
- Jussila, Jari et al. "Who is who in Big Social Data? A Bibliographic Network Analysis Study". *Proceedings of the 4th European Conference on Social Media ECSM 2017*. Reading, UK: Academic Conferences and Publishing International Limited. 2017, 161-169.
- Multisilta, Jari and Hannele Niemi "Tools, pedagogical models, and best practices for digital storytelling". Khosrow-Pour, Mehdi (ed.). *Encyclopedia of information science and technology*. 4th udg., IGI Global. 2017.
- Ryczkowski, P. et al. "Real-time measurements of dissipative solitons in a mode-locked fiber laser". *arXiv eprint*. 2017.
- Filanovsky, Igor and Nikolay Tchamov "Maximally Flat Property and Bandwidth Enhancing by Transfer Function Zeroes IEEE-NewCAS France". *2017 15th IEEE International New Circuits and Systems Conference (NEWCAS)*. IEEE. 2017. <https://doi.org/10.1109/NEWCAS.2017.8010113>
- Riihonen, Taneli et al. "On the prospects of full-duplex military radios". *2017 International Conference on Military Communications and Information Systems, ICMCIS 2017*. IEEE. 2017. <https://doi.org/10.1109/ICMCIS.2017.7956490>
- Rytöluoto, Ilkka et al. "Morphology Development, Structure and Dielectric Properties of Biaxially Oriented Polypropylene". *25th Nordic Insulation Symposium on Materials, Components and Diagnostics*. Proceeding of the Nordic Insulation Symposium; 25. 2017.

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

Kontinen, Jukka et al. "The role of inorganics in modelling of biomass gasification"., Ek, L., Ernrooth, H. Scarlet, N. Grassi, A. Helm, P. (editors). *EUBCE 2017 Online Conference Proceedings*. European biomass conference and exhibition proceedings. ETA-Florence Renewable Energies. 2017, 443-447. <https://doi.org/10.5071/25thEUBCE2017-2BO.6.4>

Kiilakoski, Jarkko et al. "Cavitation wear characteristics of Al₂O₃-ZrO₂-ceramic coatings deposited by APS and HVOF - processes". *International Thermal Spray Conference ITSC 2017, Conference Proceedings: June 7-9, 2017, Düsseldorf, Germany.. DVS-Berichte / DVS - Deutscher Verband für Schweißen und Verwandte Verfahren e.V.. Düsseldorf: DVS Media GmbH. 2017, 928-933.*

Laihonen, Harri, Virpi Sillanpää and Maiju Vuolle "Managing intellectual liabilities by service recovery"., Schiuma, Giovanni Spender, JC Garvilova, Tatiana (editors). *Proceedings IFKAD 2017, 12th International Forum on Knowledge Asset Dynamics: Knowledge Management in the 21st Century: Resilience, Creativity and Co-creation, 7-9 Jun 2017, St. Petersburg, Russia..* Proceedings IFKAD. IKAM - Insitute of Knowledge Asset Management. 2017, 1570-1583.

Jussila, Jari J. et al. "A bibliometric study on authorship trends and research themes in knowledge management literature" . *12th International Forum on Knowledge Asset Dynamics, St. Petersburg, Russia 7-9 June 2017: Knowledge Management in the 21th Century: Resilience, Creativity and Co-creation*. St. Petersburg, Russia. 2017, 389-397.

Aramo-Immonen, Heli, Mikko Vartio and Jari Jussila "If you know social media, you see opportunities...". *12th International Forum on Knowledge Asset Dynamics: Knowledge Management in the 21th Century: Resilience, Creativity and Co-creation*. 2017, 575-584.

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

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

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

Helander, Nina et al. "Customer Perceived Value - A Key in Marketing of Integrated Solutions"., Kavoura, A. Sakas, D. Tomaras, P. (editors). *The 5th International Conference on Strategic Innovative Marketing., At Athens, Greece, Volume: 5: September 23-26, 2016*. Springer Proceedings in Business and Economics. Springer. 2017, 37-42. https://doi.org/10.1007/978-3-319-56288-9_6

Jussila, Jari et al. "Reliability and Perceived Value of Sentiment Analysis for Twitter Data"., Kavoura, A. Sakas, D. Tomaras, P. (editors). *5th International Conference on Strategic Innovative Marketing, At Athens, Greece.,: September 23-26, 2016*. Springer Proceedings in Business and Economics. Springer. 2017, 43-48. https://doi.org/10.1007/978-3-319-56288-9_7

Jussila, Jari et al. "Social Media Analytics Empowering Customer Experience Insight"., Kavoura, A. Sakas, D. Tomaras, P. (editors). *5th International Conference on Strategic Innovative Marketing, Volume: 5: September 23-26, 2016 At Athens, Greece*. Springer Proceedings in Business and Economics. Springer. 2017, 25-30.

Jaakkola, Hannu and Bernhard Thalheim "Culture-Aware Web Information Systems in Dependence of Context"., Sornlertlamvanich, Virach , Chawakitchareon, Petchporn , Hansuebsai, Aran and Koopipat, Chawan Kiyoki, Yasushi Jaakkola, Hannu Thalheim, Bernhard Yoshida, Naofum (editors). *The Proceedings of the 27th International Conference on Information Modelling and Knowledge Bases*. Sirindhorn International Institute of Technology, Thammasat University,

Thailand. 2017, 309-331.

Silwal, Bishal et al. "Influence of the rotor eccentricity on the torque of a cage induction machine". *Archives of Electrical Engineering*. 2017, 66(2). 383-396. <https://doi.org/10.1515/ae-2017-0029>

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

Lehtoranta, Kati et al. "Natural Gas Engine Emission Reduction by Catalysts". *Emission Control Science and Technology*. 2017, 3(2). 142-152. <https://doi.org/10.1007/s40825-016-0057-8>

Eteläaho, Anna et al. "Visual Data Mining in Software Repositories: A Survey"., Sornlertlamvanich, Virach, Chawakitchareon, Petchporn, Hansuebsai, Aran and Koopipat, Chawan Kiyoki, Yasushi Jaakkola, Hannu Thalheim, Bernhard Yoshida, Naofumi (editors). *The Proceedings of the 27th International Conference on Information Modelling and Knowledge Bases*. Sirindhorn International Institute of Technology, Thammasat University, Thailand. 2017, 367-385.

Virtanen, Janne et al. "Kactus2: A graphical EDA tool built on the IP-XACT standard". *The Journal of Open Source Software*. 2017, 2(13). 1. <https://doi.org/10.21105/joss.00151>

Rojas, Vania et al. "Alkyl thiophene vinylene electropolymerization in C8mimPF6, potential use in solar cells". *Materials Sciences and Applications*. 2017, 8(5). 405-417. <https://doi.org/10.4236/msa.2017.85013>

Juuti, Petri S. "Editorial: Information to support decision-making". *Ympäristöhistoria: Finnish Journal of Environmental History*. 2017, 2017(1). 5-6.

Juuti, Petri S., Vuokko Kurki, and Riikka Rajala. "Local narratives in the long term water conflicts: Case of Turku Region in Finland". *Ympäristöhistoria: Finnish Journal of Environmental History*. 2017, 2017(1). 39-49.

Valmari, Antti and Lauri Hella "The logics taught and used at high schools are not the same"., Karhumäki, Juhani Matiyasevich, Yuri Saarela, Alekski (editors). *Proceedings of the Fourth Russian Finnish Symposium on Discrete Mathematics*. TUCS Lecture Notes; 26. Turku: TURKU CENTRE FOR COMPUTER SCIENCE. 2017, 172-186.

Juuti, Petri. "Vesi, ongelma ennen ja nyt?". *Ympäristöhistoria: Finnish Journal of Environmental History*. 2017, 2017(1). 54-65.

Asp, Olli and Anssi Laaksonen "Instrumentation and monitoring of large-span culvert built under a railway, in Finland". and Madaj, Arkadiusz Jankowiak, Iwona (editors). *Archives of Institute of Civil Engineering: 3rd European Conference on Buried Flexible Steel Structures, Rydzyna, Poland, 24-25 April 2017*. 23 udg., Poznan: Wydawnictwo Politechniki Poznanskiej. 2017, 53-60. <https://doi.org/10.21008/j.1897-4007.2017.23.05>

Zare, Alireza et al. "HEVC-compliant viewport-adaptive streaming of stereoscopic panoramic video". *2016 Picture Coding Symposium, PCS 2016*. IEEE. 2017. <https://doi.org/10.1109/PCS.2016.7906401>

Ols hannikova, Ekaterina et al. "Towards better knowledge work experiences with new Ambient workspace: Concept and prototype". *Proceedings of the 19th Conference of Open Innovations Association, FRUCT 2016*. IEEE COMPUTER SOCIETY PRESS. 2017, 173-181. <https://doi.org/10.23919/FRUCT.2016.7892198>

Teymouri, Shokoufeh et al. "Collagen-immobilized polyimide membranes for retinal pigment epithelial cell adherence and proliferation". *Cogent Chemistry*. 2017. 3(1). <https://doi.org/10.1080/23312009.2017.1292593>

Brechet, Nicolas et al. "Cost- and time-effective sewing patterns for embroidered passive UHF RFID tags". *Proceedings of IEEE 2017 International Workshop on Antenna Technology*. IEEE. 2017, 30-33. <https://doi.org/10.1109/IWAT.2017.7915289>

- Karhu, M. et al. "Reaction heat utilization in aluminosilicate-based ceramics synthesis and sintering". *Journal of Ceramic Science and Technology*. 2017, 8(1). 101-112. <https://doi.org/10.4416/JCST2016-00094>
- Khan, Muhammad Waqas Ahmad et al. "Wirelessly powered implantable system for wireless long-term monitoring of intracranial pressure". *Proceedings of IEEE 2017 International Workshop on Antenna Technology*. IEEE. 2017, 122-124. <https://doi.org/10.1109/IWAT.2017.7915334>
- Singh, A. et al. "Effect of Laser Power on Yield of TiO₂ Nanoparticles Synthesized by Pulsed Laser Ablation in Water". *Journal of Ceramic Science and Technology*. 2017, 8(1). 39-43. <https://doi.org/10.4416/JCST2016-00071>
- Viheriälä, Jukka et al. "1180 nm GaInNAs quantum well based high power DBR laser diodes". Zediker, Mark S. (ed.). *High-Power Diode Laser Technology XV*. Proceedings of SPIE. SPIE. 2017. <https://doi.org/10.1117/12.2251317>
- Li, Lin et al. "Evolutionary multiobjective optimization for adaptive dataflow-based digital predistortion architectures". *EAI Endorsed Transactions on Cognitive Communications*. 2017. 17(10). <https://doi.org/10.4108/eai.23-2-2017.152187>
- Karioja, Pentti et al. "Multi-wavelength mid-IR light source for gas sensing". *Proc. SPIE 10110: Photonic Instrumentation Engineering IV*. Proceedings of SPIE. SPIE. 2017. <https://doi.org/10.1117/12.2249126>
- Tiira, Jonna et al. "Intracavity double diode structures with GaInP barrier layers for thermophotonic cooling". *Proc. SPIE 10121: Optical and Electronic Cooling of Solids II*. Proceedings of SPIE. SPIE. 2017. <https://doi.org/10.1117/12.2250843>
- Sislian, Rodrigo et al. "The use of mathematical modeling for the development of a low cost fuzzy gain schedule neutralization control system". *Transactions on Engineering Technologies: World Congress on Engineering and Computer Science 2015*. Springer Singapore. 2017, 525-539. https://doi.org/10.1007/978-981-10-2717-8_37
- Murayama, Mizuki et al. "Color-distribution similarity by information theoretic divergence for color images". *2016 Asia-Pacific Signal and Information Processing Association Annual Summit and Conference, APSIPA 2016*. IEEE. 2017. <https://doi.org/10.1109/APSIPA.2016.7820681>
- Matikainen, Ville et al. "Cavitation erosion, slurry erosion and solid particle erosion performance of metal matrix composite (MMC) coatings sprayed with modern high velocity thermal spray processes". *Materials Science and Technology Conference and Exhibition 2017, MS and T 2017: October 8-12, 2017, Pittsburgh, Pennsylvania USA*. Association for Iron and Steel Technology, AISTECH. 2017, 1161-1163.
- Suokas, Esa "Effect of air gap on the adhesion of PET layer on cardboard substrate in extrusion coating". *16th TAPPI European PLACE Conference 2017*. TAPPI Press. 2017, 529-544.
- Lahti, Johanna, Taina Kamppuri, and Jurkka Kuusipalo "Novel bio-based materials for active and intelligent packaging". *16th TAPPI European PLACE Conference 2017*. TAPPI Press. 2017.
- Lahti, Johanna, Jurkka Kuusipalo, and Sanna Auvinen "Novel equipment to simulate hot air heat sealability of packaging materials". *16th TAPPI European PLACE Conference 2017*. TAPPI Press. 2017, 237-248.
- Kuusipalo, Jurkka and Johanna Lahti "Tampere University of Technology, laboratory of materials science, paper converting and packaging technology Tampere, Finland". *16th TAPPI European PLACE Conference 2017: Basel; Switzerland; 22 May 2017 through 24 May 2017*. TAPPI Press. 2017.
- Lenarduzzi, Valentina et al. "A dynamical quality model to continuously monitor software maintenance". *Proceedings of the 11th European Conference on Information Systems Management, ECISM 2017*. Academic Conferences and Publishing International Limited. 2017, 168-178.

Zare, Marzieh et al. "Automatic Classification of Z-ring Formation Stages at the Single Cell Level in Escherichia Coli by Machine Learning"., Silveira, M and Fred, A Gamboa, H Vaz, M (editors). *Proceedings of the 10th International Joint Conference on Biomedical Engineering Systems and Technologies, Vol 2: Bioimaging*. SCITEPRESS. 2017, 72-76.

Myllärniemi, J. et al. "Business intelligence approach – a practical tool for competence based curriculum development". *EDULEARN17 Proceedings. 9th International Conference on Education and New Learning Technologies: 3-5 July, 2017, Barcelona, Spain*. IATED. 2017, 6387-6393. <https://doi.org/10.21125/edulearn.2017.2451>

Pöllänen, Markus, Roni Utriainen, and Riku Viri "Challenges in the paradigm change from mobility as a self-service to mobility as a service". *Conference Proceedings 1st International Conference of Mobility as a Service: ICoMaaS, Tampere 28.-29.11.2017*. Tampere University of Technology. 2017, 246-265.

López Baeza, Jesús, Damiano Cerrone and Kristjan Männigo "Comparing two methods for Urban Complexity calculation using Shannon-Wiener index". *Comparing two methods for Urban Complexity calculation using Shannon-Wiener index*. WIT Transactions on Ecology and The Environment. WIT Press. 2017, 369-378. <https://doi.org/10.2495/SDP170321>

Minaev, Georgy, Ari Visa, and Robert Piche "Comprehensive survey of similarity measures for ranked based location fingerprinting algorithm". *Indoor Positioning and Indoor Navigation (IPIN), 2017 International Conference on*. IEEE. 2017. <https://doi.org/10.1109/IPIN.2017.8115922>

Katkovnik, Vladimir et al. "Computational wavelength resolution for in-line lensless holography: Phase-coded diffraction patterns and wavefront group-sparsity". *Digital Optical Technologies 2017*. Proceedings of SPIE. SPIE. 2017. <https://doi.org/10.1117/12.2269327>

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

Stoykova, Elena et al. "Dynamic laser speckle metrology with binarization of speckle patterns". *19th International Conference and School on Quantum Electronics: Laser Physics and Applications*. Proceedings of SPIE. SPIE. 2017. <https://doi.org/10.1117/12.2262330>

Christiansen, John et al. "Editorial: Experiments in an Organisational Context". *CERN IdeaSquare Journal of Experimental Innovation*. 2017. 1(2). <https://doi.org/10.23726/cij.2017.684>

Partanen, Tiina et al. "Educating Computer Science Educators Online - A Racket MOOC for Elementary Math Teachers of Finland". *Proceedings of the 9th International Conference on Computer Supported Education*. SCITEPRESS - Science and Technology Publications. 2017, 47-58. <https://doi.org/10.5220/0006257800470058>

Munnukka, Juha et al. "Effects of Social Media on Consumers' Sports Brand Experiences and Loyalty". Stielor, Maximilian (ed.). *Creating Marketing Magic and Innovative Future Marketing Trends: Proceedings of the 2016 Academy of Marketing Science (AMS) Annual Conference*. Developments in Marketing Science: Proceedings of the Academy of Marketing Science. Springer International Publishing. 2017, 1051-1064. https://doi.org/10.1007/978-3-319-45596-9_194

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

Sorri, Jaakko et al. "Energiatohokkuusinformaatio palvelurakennuksissa". *Rakennusfysiikka 2017: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut : 24.-26.10.2017, Tampere*. Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.. Tampere: Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka. 2017, 325-330.

Heljo, Juhani, Jaakko Sorri and Pirkko Harsia "Energiatehokkuus on entistä enemmän sähkötehon hallintaa". and Vinha, Juha Kivioja, Henna (editors). *Rakennusfysiikka 2017: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere*. Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.. Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka. 2017, 281-286.

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

Tosi, Davide et al. "Experimenting traditional and modern reliability models in a 3-years european software project". *Proceedings of the 11th European Conference on Information Systems Management, ECISM 2017*. Academic Conferences and Publishing International Limited. 2017, 304-314.

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

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

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

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

Mokhtarian, Hossein et al. "Identification of fundamental requirements for ideal metamodeling framework in additive manufacturing"., Aaltonen, Jussi and Virkkunen, Riikka Koskinen, Kari T. Kuivanen, Risto (editors). *Proceedings of the 2nd Annual SMACC Research Seminar 2017*. 2017, 29-31.

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

Cenev, Zoran et al. "Manipulating Superparamagnetic Microparticles with an Electromagnetic Needle". *Advanced Materials Technologies*. 2017. 3(1). <https://doi.org/10.1002/admt.201700177>

Begishev, Vyacheslav et al. "Modeling the process of dynamic resource sharing between LTE and NB-IoT services". *Distributed Computer and Communication Networks - 20th International Conference, DCCN 2017, Proceedings*. Communications in Computer and Information Science. Springer Verlag. 2017, 1-12. https://doi.org/10.1007/978-3-319-66836-9_1

Gomez Casco, David et al. "Multilag Frequency Estimation for High-Order BOC Signals in the Acquisition Stage". *2016 8th ESA Workshop on Satellite Navigation Technologies and European Workshop on GNSS Signals and Signal Processing (NAVITEC)*. IEEE. 2017. <https://doi.org/10.1109/NAVITEC.2016.7849325>

Mahlamäki, Tommi et al. "Personality's effect on peer assessment ability in case method context". *EDULEARN17 Proceedings. 9th International Conference on Education and New Learning Technologies: 3-5 July, 2017, Barcelona, Spain*. Edulearn proceedings. IATED. 2017, 6401-6405. <https://doi.org/10.21125/edulearn.2017.2455>

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

Hakkarainen, Teemu et al. "Photo-acoustic Spectroscopy of Resonant Absorption in III-V Semiconductor Nanowires". *CLEO: Applications and Technology 2017: San Jose, California United States 14-19 May 2017*. The Optical Society; OSA. 2017. https://doi.org/10.1364/CLEO_AT.2017.JTh2A.48

Filippov, Valery et al. "Picosecond MOPA with ytterbium doped tapered double clad fiber". *Fiber Lasers XIV: Technology and Systems*. Proceedings of SPIE; 10083. SPIE. 2017. <https://doi.org/10.1117/12.2252006>

Messo, Tuomas et al. "Real-Time Impedance-Based Stability Assessment of Grid Converter Interactions". *IEEE Workshop on Control and Modeling for Power Electronics*. 2017. <https://doi.org/10.1109/COMPEL.2017.8013384>

Ketonen-Oksi, Sanna "Reinventing organisational creativity and innovation through adapting a service-based working culture". and Schiuma, Giovanni Lerro, Antonio (editors). *Integrating arts and creativity into business practice*. IGI Global. 2017, 1-20. <https://doi.org/10.4018/978-1-5225-2050-4>

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

Zhang, Boyang, Jari Veijalainen and Denis Kotkov "Samsung and Volkswagen crisis communication in Facebook and Twitter: A comparative study". *WEBIST 2017 - Proceedings of the 13th International Conference on Web Information Systems and Technologies*. SCITEPRESS. 2017, 312-323. <https://doi.org/10.5220/0006301403120323>

Juuti, Petri and Riikka Rajala. "Sata vuotta Suomen suurimmasta lavantautiepidemiasta". *Vesitalous*. 2017, 2017(1). 12-14.

Marttila, Tero et al. "Securing the flow of information in renovation projects: Sustainable synergies from buildings to the urban scale". *PROCEDIA ENVIRONMENTAL SCIENCES*. 2017, 38. 228-233. <https://doi.org/10.1016/j.proenv.2017.03.109>

Katko, Tapio S. "Suomen vesihuollon kehitys ja opit kansainvälisessä kontekstissa". *Vesitalous*. 2017, 58(1). 8-11.

Miettinen, P. et al. "The role of base substrate on barrier and convertability properties of Water based barrier coated (WBBC) paper and paperboard". *Paper Conference and Trade Show, PaperCon 2017: Renew, Rethink, Redefine the Future, Minneapolis, Minnesota, USA, 23-26 April 2017*. TAPPI Press. 2017, 220-232.

Jääskeläinen, Aki, Otto Thitz, and Jussi Heikkilä "The role of performance measurement in supplier-buyer value-creation". *Proceedings of 9th Conference on Performance Measurement and Management Control: 13-15 September 2017, Nice, France*. Conference on Performance Measurement and Management Control. EIASM. 2017.

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

Laudyn, Urszula A. et al. "Three-color vector nematicon". *Photonics Letters of Poland*. 2017, 9(2). 36-38. <https://doi.org/10.4302/plp.v9i2.718>

Vanhalakka, Joel, Ilona Ilvonen, and Heli Väättäjä "Utilizing knowledge networks in virtual or augmented reality solution creation"., Marimon, Frederic and Mas-Machuca, Marta Berbegal-Mirabent, Jasmina Bastida, Ramon (editors). *Proceedings of the 18th European Conference on knowledge Management ECKM 2017: 7-8 September 2017, Barcelona, Spain*. Academic Conferences and Publishing International. 2017, 1008-1014.

Juuti, Petri and Riikka Rajala. "Valkea kaupunki, mustat vedet". *Vesitalous*. 2017, 2017(1). 15-17.

Ahmad, Iftikhar et al. "VisualLabel: An Integrated Multimedia Content Management and Access Framework". *The Proceedings of the 27th International Conference on Information Modelling and Knowledge Bases, EJC 2017: June 5-9, 2017, Krabi, Thailand*. 2017, 332-353.

Sillberg, Pekka et al. "Web-user-interface system utilizing rhmei and open data for a water quality analyzer"., Sornlertlamvanich, Virach, Chawakitchareon, Petchporn, Hansuebsai, Aran and Koopipat, Chawan Kiyoki, Yasushi Kangassalo, Hannu Thalheim, Bernhard Yoshida, Naofumi (editors). *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. 2017, 444-451.

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

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

Devos, Mathieu et al. "D2D communications for mobile devices: Technology overview and prototype implementation". *8th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT)*. IEEE. 2016, 124-129. <https://doi.org/10.1109/ICUMT.2016.7765344>

Galinina, Olga et al. "Improving reliability of replicated message delivery in cellular machine-type communications". *2016 8th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT)*. IEEE. 2016, 106-110. <https://doi.org/10.1109/ICUMT.2016.7765341>

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

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

Lampio, Kaj and Reijo Karvinen "Multi-Objective Optimization of Fin Array Heat Sinks". *Therminic 2016: 22nd international workshop Thermal investigations of ICs and Systems*. IEEE. 2016. <https://doi.org/10.1109/THERMINIC.2016.7749070>

Kekonen, Atte et al. "Bioimpedance measurement system for evaluation of the status of wound healing". *2016 15th Biennial Baltic Electronics Conference (BEC)*. IEEE. 2016, 175-178. <https://doi.org/10.1109/BEC.2016.7743757>

Collin, Jussi et al. "Pedestrian Dead Reckoning with Particle Filter for Handheld Smartphone". *2016 International Conference on Indoor Positioning and Indoor Navigation (IPIN)*. IEEE. 2016. <https://doi.org/10.1109/IPIN.2016.7743608>

Systä, Kari et al. "Project types and industrial collaboration in project-based learning". and Järvinen, Hannu-Matti Clark, Robin (editors). *Proceedings of SEFI 2016 annual conference*. Tampere / Brussels: European Society for Engineering Education SEFI. 2016.

Lohan, Elena-Simona, Tomi Kauppinen and Sree Bash Chandra Debnath "A Survey of People Movement Analytics Studies in the Context of Smart Cities". *Proceedings of the FRUCT'19*. 2016, 151-158. <https://doi.org/10.23919/FRUCT.2016.7892195>

Holopainen, Sami and Reijo Kouhia *Continuum approach for modeling fatigue in amorphous glassy polymers. Applications to the investigation of damage mechanisms in polycarbonate*. 2016.

Petrov, Vitaly et al. "Terahertz band communications: Applications, research challenges, and standardization activities". *2016 8th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT)*. IEEE. 2016, 1-8. <https://doi.org/10.1109/ICUMT.2016.7765354>

Tamminen, Pasi and Toni Viheriäkösä "Charged cable-system ESD event". *2016 38th Electrical Overstress/Electrostatic Discharge Symposium (EOS/ESD)*. IEEE. 2016. <https://doi.org/10.1109/EOSESD.2016.7592559>

Viheriäkösä, Toni et al. "Charge relaxation of slowly dissipative polymers". *2016 38th Electrical Overstress/Electrostatic Discharge Symposium (EOS/ESD)*. IEEE. 2016, 1-9. <https://doi.org/10.1109/EOSESD.2016.7592533>

Aldawood, Sarah et al. "A coordination-based brokerage architecture for multi-cloud resource markets". *Proceedings - 2016 4th International Conference on Future Internet of Things and Cloud Workshops, W-FiCloud 2016*. Institute of Electrical and Electronics Engineers Inc. 2016, 7-14. <https://doi.org/10.1109/W-FiCloud.2016.19>

Gudkova, Irina et al. "Modeling the utilization of a multi-tenant band in 3GPP LTE system with Licensed Shared Access". *2016 8th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT)*. IEEE. 2016, 119-123. <https://doi.org/10.1109/ICUMT.2016.7765343>

Amiot, Caroline G. et al. "Mid-Infrared Sources for Ultra-Broadband Cavity Enhanced Spectroscopy". *Frontiers in Optics 2016*. OSA. 2016.

Moilanen, Carolina et al. "Modelling and Simulation of Radial Spruce Compression to Optimize Energy Efficiency in Mechanical Pulping". *2016 International Mechanical Pulping (IMPC) Conference Proceedings, Monday, September 26 - Wednesday, September 28, Jacksonville, Florida, USA*. USA: TAPPI. 2016, 53-70.

Jussila, Jari et al. "Sosiaalinen media brändi- ja asiakastiedon lähteenä". Tuomi, Pauliina (ed.). *TiedeAreena 2016*. Pori: Tampereen teknillinen yliopisto, Porin laitos. 2016, 55-56.

Mylykoski, Tuomas, Seppo Pohjolainen, and Simo Ali-Löytty "Students' Use of Learning Tools and Tool Types: Solving Self-Study Assignments on an Online Platform". *SEFI 2016 Annual Conference Proceedings: Engineering Education on Top of the World: Industry University Cooperation*. European Society for Engineering Education SEFI. 2016.

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

Laine, Katja et al. "Electronic Exam in Electronics Studies". *SEFI Annual Conference 2016: Engineering Education on Top of the World: Industry University Cooperation*. 2016.

Rekola, Jenni and Teuvo Suntio "Implementing of Activating Learning Strategy for a Course on Electric Drives". *SEFI 2016 Annual Conference Proceedings: Implementing of Activating Learning Strategy for a Course on Electric Drives*. European Society for Engineering Education SEFI. 2016, 1-8.

Helander, N. et al. "Affective experiences and student engagement in higher education". *44th Annual Conference Of The European Society For Engineering Education: 12-15 September 2016, Tampere, Finland*. Tampere. 2016.

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

Järvinen, Hannu-Matti and Tommi Mikkonen "Industrial impact on topics and types of Master's theses: Empirical study of software engineering theses made in 1990-2016". and Järvinen, Hannu-Matti Clark, Robin (editors). *Proceedings of SEFI 2016 Annual Conference*. European Society for Engineering Education SEFI. 2016.

Ketola, Susanna et al. "New introductory courses and teacher tutoring: Keys to an efficient beginning for university studies in engineering". *SEFI Annual Conference 2016: Engineering Education on Top of the World: Industry University Cooperation*. 2016.

Kuula, P. H., M. M. Leppänen, and M. E. Penttilä "Towards better learning by increased student engagement". and Niemi, Tiina Järvinen, Hannu-Matti (editors). *Proceedings of the 44th SEFI Annual Conference 2016: 12th-15th September 2016, Tampere, Finland*. Tampere: European Society for Engineering Education SEFI. 2016.

Komar, Maria, Sviatoslav Edelev, and Yevgeni Koucheryav "Handheld wireless authentication key and secure documents storage for the Internet of Everything". *Proceedings of the 18th Conference of Open Innovations Association FRUCT and Seminar on Information Security and Protection of Information Technology, FRUCT-ISPIT 2016*. IEEE COMPUTER SOCIETY PRESS. 2016, 120-130. <https://doi.org/10.1109/FRUCT-ISPIT.2016.7561517>

Orsino, Antonino and Aleksandr Ometov "Validating information security framework for offloading from LTE onto D2D links". *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. 2016, 241-247. <https://doi.org/10.1109/FRUCT-ISPIT.2016.7561534>

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

Valenti, Michele et al. "DCASE 2016 Acoustic Scene Classification Using Convolutional Neural Networks". *Proceedings of the Detection and Classification of Acoustic Scenes and Events 2016 Workshop (DCASE2016)*. Tampere University of Technology. Department of Signal Processing. 2016.

Penttilä, Pasi and Alessio Brutti "Increasing the environment-awareness of rake beamforming for directive acoustic sources". *15th International Workshop on Acoustic Signal Enhancement (IWAENC)*. 2016.

Machado, Marcelo A., Remy Magnier-Watanabe and Tero Peltola "Capturing knowledge from research projects: From project reports to storytelling". *2016 Portland International Conference on Management of Engineering and Technology (PICMET)*. IEEE. 2016, 2048-2057. <https://doi.org/10.1109/PICMET.2016.7806602>

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

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

Valmari, Antti and Terhi Kaarakka "MathCheck: a tool for checking math solutions in detail". *SEFI 2016 Annual Conference Proceedings: Engineering Education on Top of the World: Industry University Cooperation*. European Society for Engineering Education SEFI. 2016.

Kangas, Jari and Olli-Pekka Lunden "Strengthening student engagement by integrating the contents of a flipped course around a well-confined real life theme". *SEFI 2016 Annual Conference Proceedings: Engineering Education on Top of the World: Industry University Cooperation*. 2016.

Santinha, João et al. "icellfusion: Tool for fusion and analysis of live-cell images from time-lapse multimodal microscopy". *Biometrics: Concepts, Methodologies, Tools, and Applications*. IGI Global. 2016, 806-834. <https://doi.org/10.4018/978-1-5225-0983-7.ch033>

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

Dumitrescu, M. et al. "Simulation of photon-photon resonance enhanced direct modulation bandwidth of DFB lasers". *16th International Conference on Numerical Simulation of Optoelectronic Devices, NUSOD 2016*. IEEE. 2016, 147-148. <https://doi.org/10.1109/NUSOD.2016.7547075>

Virtanen, Heikki, Topi Uusitalo and Mihail Dumitrescu "Simulation studies of DFB laser longitudinal structures for narrow linewidth emission". *16th International Conference on Numerical Simulation of Optoelectronic Devices, NUSOD 2016*. IEEE. 2016, 153-154. <https://doi.org/10.1109/NUSOD.2016.7547078>

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

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

Vajaranta, Markku, Joonas Kannisto and Jarmo Harju "Implementation Experiences and Design Challenges for Resilient SDN Based Secure WAN Overlays". *2016 11th Asia Joint Conference on Information Security (AsiaJCIS)*. IEEE. 2016, 17-23. <https://doi.org/10.1109/AsiaJCIS.2016.25>

Nurmi, Juha, Joonas Kannisto, and Markku Vajaranta "Observing Hidden Service Directory Spying with a Private Hidden Service Honeynet". *Proceedings of the 11th Asia Joint Conference on Information Security (AsiaJCIS 2016), Fukuoka, Japan, August 4-5, 2016*. 2016, 55-59. <https://doi.org/10.1109/AsiaJCIS.2016.31>

Nenonen, Suvi, Riikka Rahtola and Inka Kojo "Third places and user preferences – affordances in the cities". Jensen, Per Anker (ed.). *Proceedings of CFM's Second Nordic Conference: Facilities Management Research and Practice;: 29-30 AUGUST 2016, Denmark*. 2016, 17-25.

Saari, Ulla and Saku Mäkinen "Study on the capability to measure stakeholders' brand experiences with a consumer-centric measurement framework". *Global Marketing Conference Proceedings 2016 Hong Kong, July 21 - 24: Track: Stakeholders-brand Relationships*. Proceedings of the Global Marketing Conference. 2016, 1034-1035.

Helander, Nina and Marjatta Myllylä. "Teoriaa ja kokemuksia arvioinnista MOOCien aikakaudella". *TAMPEREEN AMMATTIKORKEAKOULUN JULKAISUJA. SARJA B, RAPORTTEJA*. 2016, 70-77.

Suominen, Anu and Sari Mäenpää *Power bases in lead organization network governance form: a multi-level approach*. 2016.

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

Sorokin, M. et al. "Image-based characterization of the pulp flows". *Pattern Recognition and Image Analysis*. 2016, 26(3). 630-637. <https://doi.org/10.1134/S1054661816030196>

Goncalves, Nadia S.M. et al. "In vivo single-molecule dynamics of transcription of the viral T7 Phi 10 promoter in Escherichia coli". *The 8th International Conference on Bioinformatics, Biocomputational Systems and Biotechnologies (BIOTECHNO2016)*. IARIA. 2016, 9-15.

Ribeiro, Andre and Samuel Oliveira "Using a synthetic probe to study the robustness of the segregation process of protein aggregates in Escherichia coli". *The 8th International Conference on Bioinformatics, Biocomputational Systems and Biotechnologies (BIOTECHNO2016)*. IARIA. 2016, 21-22.

Suominen, Olli et al. "Framework for optimization and scheduling of a copper production plant". *26th European Symposium on Computer Aided Process Engineering, 2016*. Computer Aided Chemical Engineering. Elsevier Science B.V. 2016, 1243-1248. <https://doi.org/10.1016/B978-0-444-63428-3.50212-5>

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

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

Mäenpää, Sari , Anu Suominen, and Rainer Breite "Knowledge integration method development for multi-stakeholder innovation". *Proceedings of The XXVII ISPIM Conference 2016 Porto, Portugal - 19-22 June 2016 : Blending Tomorrow's Innovation Vintage*. 2016.

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

Aarikka-Stenroos, Leena et al. "Multiple facets of innovation and business ecosystem research: the foci, methods and future agenda". *XXVII ISPIM Innovation Conference 2016: Porto, 19-22 June, 2016*. 2016, 1-33.

Michele Felicetti, Alberto et al. "Being a start-upper in Italy: Motivations, obstacles and success factors". *Proceedings of the 11th forum on knowledge asset dynamics: Towards a new architecture of knowledge: big data, culture and creativity*. Dresden. 2016, 1370-1383.

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

Jussila, Jari et al. "Does Strategic and Innovative Fit Indicate Smart Social Media use in a Company?". *Proceedings of the 11th International Forum on Knowledge Asset Dynamics: Towards a New Architecture of Knowledge: Big Data, Culture and Creativity, Dresden -Germany 15-17 June 2016*. Dresden. 2016, 1973-1983.

Tenucci, Andrea and Teemu Laine "Management accounting and new service development under servitization: literature review and case studies". *Proceedings of the Manufacturing Accounting Research Conference 2016: Lisbon, Portugal, June 15-17, 2016*. 2016.

Saukkonen, Natalia, Teemu Laine and Petri Suomala "Management accounting in managerial work: engaging facts and feelings in decision making". *Proceedings of the Manufacturing Accounting Research Conference 2016: Lisbon, Portugal, June 15-17, 2016*. Proceedings of the Manufacturing Accounting Research Conference . European Institute for Advanced Studies in Management EIASM. 2016.

Haapanen, Jussi, Heidi Krohns-Välimäki, and Pekka Verho "Improving the Situation Awareness of DSOs in Major Disturbances by Visualizing the State of Mobile Networks". *CIREC Workshop 2016*. 2016.

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

Helander, Nina et al. "Enablers and Restraints of Knowledge Work – Does profession make a difference?". *Towards a new architecture of knowledge : Big Data, culture and creativity: IFKAD 2016-11th International Forum on Knowledge Asset Dynamics, Dresden 15-17.6.2016, Germany*. 2016, 40-52.

Burd, S.C. et al. "Single-frequency 571nm VECSEL for photo-ionization of magnesium". *Proceedings of SPIE: Vertical External Cavity Surface Emitting Lasers (VECSELs) VI*. SPIE Conference Proceedings. San Francisco: SPIE. 2016. <https://doi.org/10.1117/12.2213398>

Róg, Tomasz et al. "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*. 2016, 7. 1171-1174. <https://doi.org/10.1016/j.dib.2016.03.067>

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

Huttunen, Heikki, Fatemeh Shokrollahi Yancheshmeh and Ke Chen "Car Type Recognition with Deep Neural Networks". *2016 IEEE Intelligent Vehicles Symposium, IV 2016*. IEEE. 2016, 1115-1120. <https://doi.org/10.1109/IVS.2016.7535529>

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

Lummi, Kimmo et al. "Electricity Distribution Network Tariffs - Present Practices, Future Challenges and Development Possibilities". *CIREC Workshop 2016*. 2016.

Kulmala, Anna and Sami Repo "Handling exceptional situations in a distribution network congestion management algorithm". *CIREC Workshop 2016*. Helsinki, Finland. 2016. <https://doi.org/10.1049/cp.2016.0663>

Wang, Yicheng et al. "In-band-pumped mode-locked Ho:YAG ceramic laser at 2.1 μm ". *2016 Conference on Lasers and Electro-Optics (CLEO)*. IEEE. 2016, 1-2.

Nenonen, Sanna, Eija Vaitinen, and Miia Martinsuo "Incremental service innovations in a manufacturing firm's delivery chain". *23rd Innovation and Product Development Management Conference (IPDMC): Glasgow, U. K. June 12-14, 2016*. Innovation and Product Development Management Conference. 2016.

Martinsuo, Miia and Ville Väliäho "Service orientation and innovation in the strategies of manufacturing SMEs". *23rd Innovation and Product Development Management Conference (IPDMC): 12-14 June, 2016, Glasgow, U.K.*. EIASM. 2016.

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

Oostra, Mieke and Pekka Huovinen "Radical programmes for developing the EU residential building sectors as exemplified by Finland and the Netherlands". *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. 2016, 17-28.

Huovinen, Pekka "Relevance of five generic business ideation approaches vis-a-vis contexts embedded within construction markets". Achour, Nebil (ed.). *Proceedings of the CIB World Building Congress 2016, May 30 - June 3, 2016, Tampere, Finland: Advancing products and services*. Tampere: Tampere University of Technology. Department of Civil Engineering. 2016, 1129-1140.

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

Kähkönen, Kalle and Marko Keinänen, ed. *Proceedings of the CIB World Building Congress 2016: Volume I - Creating built environments of new opportunities* Tampere University of Technology. Department of Civil Engineering. Construction Management and Economics. Report. Tampere University of Technology. Department of Civil Engineering. 2016.

Saari, Arto and Pekka Huovinen, ed. *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. Construction Management and Economics. Report. Tampere University of Technology. Department of Civil Engineering. 2016.

Nenonen, Suvi and Juha-Matti Junnonen, ed. *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. Construction Management and Economics. Report. Tampere University of Technology. Department of Civil Engineering. 2016.

Jussila, Jari et al. *Social media analytics empowering marketing insight- A framework for analyzing affective experiences from social media content*. 2016.

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

Fouladi, Arash et al. "A Variable Battery Supply DC-DC Buck Converter Designed for 45nm-CMOS Technology". *2016 IEEE Canadian Conference on Electrical and Computer Engineering (CCECE), Vancouver, May 15-18, 2016..* 2016. <https://doi.org/10.1109/CCECE.2016.7726839>

Filanovsky, I.M., J.K. Järvenhaara, and N.T. Tchamov "On Moderate Inversion/Saturation Regions As Approximations to "Reconciliation" Model". *2016 IEEE Canadian Conference on Electrical and Computer Engineering (CCECE), Vancouver, May 15-18, 2016*. IEEE. 2016. <https://doi.org/10.1109/CCECE.2016.7726696>

Raunio, Jukka-Pekka and Risto Ritala "Optimal operation of a QCS scanner in a paper machine based on the information of QCS and WIS measurements". *PaperCon 2016 Conference Proceedings -TAPPI*. Cincinnati, USA: TAPPI. 2016, 1-11.

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

Habib, Muhammad et al. "Adaptive fuzzy inference system based directional median filter for impulse noise removal". *AEU International Journal of Electronics and Communication*. 2016, 70(5). 689-697. <https://doi.org/10.1016/j.aeue.2016.02.005>

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

Di Buo, B. et al. "Preliminary results from a study aiming to improve ground investigation data". *Proceedings of the 17th Nordic Geotechnical Meeting: Challenges in Nordic Geotechnic 25th-28th of May*. Reykjavik: Icelandic Geotechnical Society. 2016, 187-197.

D'Ignazio, Marco and Tim Länsivaara "Strength increase below an old test embankment in Finland". *The 17th Nordic Geotechnical Meeting: Conference proceedings*. Reykjavik: Icelandic Geotechnical Society. 2016, 357-366.

Pakkala, Toni, Antti-Matti Lemberg, and Jukka Lahdensivu "The effect of climate change on the amount of wind driven rain on concrete facades"., Prins, Matthijs, Wamelink, Hans Giddings, Bob Ku, Kihong Feenstra, Manon (editors). *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. 2016, 153-165.

Ometov, Aleksandr et al. "Feasibility characterization of cryptographic primitives for constrained (wearable) IoT devices". *2016 IEEE International Conference on Pervasive Computing and Communication Workshops, PerCom Workshops 2016*. IEEE. 2016. <https://doi.org/10.1109/PERCOMW.2016.7457161>

Vilmi, Pauliina et al. "Fully printed memristors for a self-sustainable recorder of mechanical energy". *Flexible and Printed Electronics*. 2016. 1(2). <https://doi.org/10.1088/2058-8585/1/2/025002>

Bernhardt, Julia et al. "Crowdsourcing in Business-to-Business Markets: A Value Creation and Business Model Perspective". *Encyclopedia of E-Commerce Development, Implementation, and Management*. United States: IGI Global. 2016, 933-943. <https://doi.org/10.4018/978-1-4666-9787-4.ch066>

Karimi, Nazanin et al. "Quenching nematicon fluctuations via photo-stabilization". *Photonics Letters of Poland*. 2016, 8(1). 2-4. <https://doi.org/10.4302/plp.2016.1.02>

Tiihonen, Juha et al. *Finite temperature path-integral modeling of quantum dot cellular automata*. 2016.

Mari, Turunen et al. "Sisäympäristön laadun ja terveellisuuden arviointi energiaparannuskohteissa". *Sisäilmastoseminaari 2016, Sisäilmayhdistys raportti 34*. SIY SISÄILMATIETO OY. 2016, 13-18.

Parrotta, Daniele et al. "InGaAs-QW VECSEL emitting >1.300-nm via intracavity Raman conversion". *Vertical External Cavity Surface Emitting Lasers (VECSELs) VI*. Proceedings of SPIE. 2016. <https://doi.org/10.1117/12.2217593>

Uusitalo, Topi et al. "Difference frequency modulation of multi-section dual-mode lasers with nanoscale surface gratings". and Belyanin, Alexey A. Smowton, Peter M. (editors). *SPIE Proceedings: Novel In-Plane Semiconductor Lasers XV*. Proceedings of SPIE. SPIE. 2016. <https://doi.org/10.1117/12.2213888>

Habib, Muhammad et al. "Random Value Impulse Noise Removal Based on Most Similar Neighbors". *2015 13th International Conference on Frontiers of Information Technology (FIT)*. IEEE. 2016, 329-333. <https://doi.org/10.1109/FIT.2015.64>

Ei-Khozondar, Hala et al. "A review study of photovoltaic array maximum power point tracking algorithms". *Renewables: Wind, Water, and Solar*. 2016. 3(1). <https://doi.org/10.1186/s40807-016-0022-8>

Ropo, Matti et al. "First-principles data set of 45,892 isolated and cation-coordinated conformers of 20 proteinogenic amino acids". *Scientific Data*. 2016. 3. <https://doi.org/10.1038/sdata.2016.9>

Tokola, Henri, Esko Niemi and Ville Väistö "Lean manufacturing methods in simulation literature: Review and association analysis". *2015 Winter Simulation Conference (WSC)*. 2016, 2239-2248. <https://doi.org/10.1109/WSC.2015.7408336>

Filippov, Valery et al. "Optical amplifiers and lasers based on tapered fiber geometry for power and energy scaling with low signal distortion". Ballato, John (ed.). *Proceedings of SPIE: Fiber Lasers XIII: Technology, Systems, and Applications*. SPIE conference proceedings. SPIE. 2016. <https://doi.org/10.1117/12.2218051>

Saarinen, Esa J. et al. "A 1.5-W frequency doubled semiconductor disk laser tunable over 40 nm at around 745 nm". *Proceedings of SPIE: Vertical External Cavity Surface Emitting Lasers (VECSELs) VI*. Spie conference proceedings. SPIE. 2016. <https://doi.org/10.1117/12.2209384>

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

Kauppi, Petteri et al. "A continuum damage model for creep fracture and fatigue analyses". *21st European Conference on Fracture, ECF21, 20-24 June 2016, Catania, Italy*. Procedia Structural Integrity. 2016, 887-894. <https://doi.org/10.1016/j.prostr.2016.06.114>

Vainio, Ville V. and Antti Pulkkinen "A follow-up case study of the relation of PLM Architecture, Maturity and Business processes". *Product Lifecycle Management in the Era of Internet of Things: 12th IFIP WG 5.1 International Conference, PLM 2015, Doha, Qatar, October 19-21, 2015, Revised Selected Papers*. IFIP Advances in Information and Communication Technology. Springer New York LLC. 2016, 867-873. https://doi.org/10.1007/978-3-319-33111-9_79

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

Van Mellaert, R. et al. "A mixed-integer linear programming approach for global discrete size optimization of frame structures". *ECCOMAS Congress 2016 - Proceedings of the 7th European Congress on Computational Methods in Applied Sciences and Engineering: Crete; Greece; 5 June 2016 through 10 June 2016*. National Technical University of Athens. 2016, 3395-3408.

Alexandru, Rusu Casandra and Elena-Simona Lohan "Analysis of Real Mobility Records in Urban and Suburban Environments". *26TH DAAAM International Symposium on Intelligent Manufacturing and Automation*. DAAAM International. 2016, 0688-0692. <https://doi.org/10.2507/26th.daaam.proceedings.094>

Alberucci, Alessandro et al. "A new waveguiding mechanism based upon geometric phase". *Frontiers in Optics 2016*. Optical Society of America (OSA). 2016.

Prudanov, Anton et al. "A trial of yoking-proof protocol in RFID-based smart-home environment". *Distributed Computer and Communication Networks - 19th International Conference, DCCN 2016, Revised Selected Papers*. Communications in Computer and Information Science. Springer Verlag. 2016, 25-34. https://doi.org/10.1007/978-3-319-51917-3_3

Kouhia, Reijo et al. *A unified lcf-hcf model based on continuum mechanics*. 2016. 4 p.

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

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

Ojala, Mika and Tommi Mahlamäki "Benefits of digitally guided buying in B2B markets". *25th annual IPSERA Conference: Dortmund, Sunday 20 March - Wednesday 23 March 2016*. Dortmund. 2016.

Sorri, Jaakko et al. "Building Codes and Demand Response of Energy Use". and Nenonen, Suvi Junnonen, Juha-Matti (editors). *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. 2016, 8-21.

Haverinen-Shaughnessy, Ulla et al. "Building energy retrofits, occupant health and wellbeing"., Prins, Matthijs , Wamelink, Hans Giddings, Bob Ku, Kihong Feenstra, Manon (editors). *CIB World Building Congress 2016 Proceedings : Volume 2 Environmental Opportunities and challenges - Constructing commitment and acknowledging human experiences*. Tampere University of Technology. Department of Civil Engineering. 2016, 679-687.

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

Nenonen, Suvi et al. "Campus retrofitting (CARE) methodology: a way to co-create future learning environments". *Proceedings of the 20th CIB World Building Congress 2016: May 30-June 3, 2016, Tampere, Finland*. 2016, 738-749.

Pulkkinen, Antti et al. "Characterising the industrial context of engineering change management". *Product Lifecycle Management in the Era of Internet of Things: 12th IFIP WG 5.1 International Conference, PLM 2015, Doha, Qatar, October 19-21, 2015, Revised Selected Papers*. IFIP Advances in Information and Communication Technology. Springer New York LLC. 2016, 618-627. https://doi.org/10.1007/978-3-319-33111-9_56

Koivisto, K. et al. "Commercialising reclaimed materials in earthworks – guidelines for productization and the process of appending these materials in the Finnish national code of practice". *Proceedings of the 17th Nordic Geotechnical Meeting Reykjavik Iceland: Challenges in Nordic Geotechnic 25th - 28th of May*. Reykjavik: Icelandic Geotechnical Society. 2016.

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

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

Keinänen, Marko et al. "Consensus building in the pre-design phase of building projects"., Prins, Matthijs, Wamelink, Hans Giddings, Bob Ku, Kihong Feenstra, Manon (editors). *WBC16 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. Construction Management and Economics.. Tampere University of Technology. Department of Civil Engineering. 2016, 561-572.

Rautiainen, Antti et al. "Control of Electric Vehicle Charging in Domestic Real Estates as Part of Demand Response Functionality". *Cired Workshop 2016*. 2016.

Mäki, Antti-Juhana et al. "Design and simulation of a thermal flow sensor for gravity-driven microfluidic applications". *IEEE 11th Annual International Conference on Nano/Micro Engineered and Molecular Systems (NEMS)*. IEEE. 2016, 125-129. <https://doi.org/10.1109/NEMS.2016.7758214>

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

Hokka, Mikko et al. "DIC measurements of the human heart during cardiopulmonary bypass surgery". *Conference Proceedings of the Society for Experimental Mechanics Series*. Springer New York LLC. 2016, 51-59. https://doi.org/10.1007/978-3-319-21455-9_6

Kärkkäinen, Hannu and Anneli Silventoinen "Different approaches of the PLM maturity concept and their use domains –analysis of the state of the art". *Product Lifecycle Management in the Era of Internet of Things: 12th IFIP WG 5.1 International Conference, PLM 2015, Doha, Qatar, October 19-21, 2015, Revised Selected Papers*. IFIP Advances in Information and Communication Technology. Springer New York LLC. 2016, 89-102. https://doi.org/10.1007/978-3-319-33111-9_9

Pannian, Jisha C. et al. "Diffraction compensation of finite beams in hyperbolic metamaterials". *Laser science 2016*. Optical Society of America (OSA). 2016.

Narhi, Mikko et al. "Direct Measurement of Temporal Rogue Waves Generated by Spontaneous Modulation Instability". *Frontiers in Optics 2016*. Optical Society of America. 2016.

Isotalo, Tero J. and Tapio Niemi "Dots-on-the-fly electron beam lithography". Bencher, Christopher (ed.). *SPIE Proceedings: Alternative Lithographic Technologies VIII*. Proceedings of SPIE. SPIE. 2016. <https://doi.org/10.1117/12.2219136>

Niemelä, Pia et al. "Educating future coders with a holistic ICT curriculum and new learning solutions". *7th International Multi-Conference on Complexity, Informatics and Cybernetics, IMCIC 2016 and 7th International Conference on Society and Information Technologies, ICSIT 2016*. IIS. 2016, 132-136.

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

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

Holopainen, Sami "Evolution equations based approach for modeling of fatigue in amorphous glassy polymers. On the investigation of fatigue damage development in polycarbonate"., Papadrakakis, M. and Papadopoulos, V. Stefanou, G. Plevris, V. (editors). *Proc. of VII European Congress on Computational Methods in Applied Sciences and Engineering, ECCOMAS Congress 2016. : M. Papadrakakis, V. Papadopoulos, G. Stefanou, V. Plevris (eds.) . Crete Island, Greece, 5 – 10 June 2016*. 2016, 6675-6687. <https://doi.org/10.7712/100016.2289.11047>

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

Zia, Nouman et al. "Fabrication and characterization of broadband superluminescent diodes for 2 μm wavelength". *Light-Emitting Diodes: Materials, Devices, and Applications for Solid State Lighting XX*. Proceedings of SPIE. SPIE. 2016. <https://doi.org/10.1117/12.2209720>

Smith, Jarrod et al. "Full-Field Temperature and Strain Measurement in Dynamic Tension Tests on SS 304". *Dynamic Behavior of Materials, Volume 1: Proceedings of the 2016 Annual Conference on Experimental and Applied Mechanics*. Conference proceedings of the Society for Experimental Mechanics. Springer International Publishing. 2016, 37-44. https://doi.org/10.1007/978-3-319-41132-3_6

Pluduma, Liene et al. "Functionalizing Surface Electrical Potential of Hydroxyapatite Coatings". *11th International Conference Medical Applications of Novel Biomaterials and Nanotechnology*. Advances in Science and Technology. 2016, 12-17.

Porkka, Pasi L. "Functional model for organisational and safety culture". *Chemical Engineering Transactions*. Chemical Engineering Transactions. Italian Association of Chemical Engineering AIDIC. 2016, 907-912. <https://doi.org/10.3303/CET1648152>

- Hynynen, Ari . "Future in wood? Timber construction in boosting local development.". *European Spatial Research and Policy*. 2016, 23(1). 127-139. <https://doi.org/10.1515/esrp-2016-0007>
- Närhi, Mikko et al. "High Dynamic Range Single-Shot Spectral Measurements of Spontaneous Modulation Instability". *Frontiers in Optics 2016*. Optical Society of America (OSA). 2016.
- Tukiainen, A. et al. "High efficiency dilute nitride solar cells: Simulations meet experiments". *Journal of Green Engineering* . 2016, 5(3-4). 113-132. <https://doi.org/10.13052/jge1904-4720.5348>
- Viheriälä, Jukka et al. "High-power 1550 nm tapered DBR lasers fabricated using soft UV-nanoimprint lithography". *High-Power Diode Laser Technology and Applications XIV*. SPIE Conference Proceedings. SPIE. 2016. <https://doi.org/10.1117/12.2207423>
- Matikainen, Ville et al. "High-temperature sliding wear behaviour of thermally sprayed Cr₃C₂-based coatings". *Proceedings of The 17th Nordic Symposium on Tribology - NORDTRIB 2016*. 2016.
- Sandström, N. et al. "How is it sustainable? Identifying key indicators for sustainable educational design"., Gómez Chova, L. López Martínez, A. Candel Torres, I. (editors). *10th INTED 2016 Conference Proceedings: 7-9 March, 2016, Valencia, Spain*. INTED proceedings. 2016, 4217-4219. <https://doi.org/10.21125/inted.2016.2037>
- Juuti, T. et al. "How to benefit from learning logs in engineering education?". *44th Annual Conference of the European Society for Engineering Education - Engineering Education on Top of the World: Industry-University Cooperation, SEFI 2016*. European Society for Engineering Education SEFI. 2016.
- Vasell, Tytti et al. "Identifying and measuring customer value - case multi-locational worker". and Nielsen, Susanne Jensen, Per Anker (editors). *Research papers for EuroFM's 15th research symposium at EFMC2016: 8-9 June 2016 in Milan, Italy*. EuroFM. 2016, 143-151.
- Lahti, Johanna et al. "Improved properties for packaging materials by nanoscale surface modification and ALD barrier coating". *TAPPI International Conference on Nanotechnology for Renewable Materials 2016*. TAPPI Press. 2016, 684-706.
- Okun, Oleksandr, Yurii Kravchenko and Leena Korpinen. "Influence of environmental conditions on EMF levels in a span of overhead transmission lines". *Progress in Electromagnetics Research C*. 2016, 63. 163-171. <https://doi.org/10.2528/PIERC16021106>
- Katko, Tapio S. and Jarmo J. Hukka "Institutional development is the key for sustainable water services in the built environment". and Nenonen, S. Junnonen, J-M. (editors). *Proceedings of the CIB World Building Congress 2016: Volume IV - Understanding impacts and functioning of different solutions*. Tampere: Tampere University of Technology. Department of Civil Engineering. 2016, 419-430.
- Hukka, Jarmo J., Ezekiel Nyangeri Nyanchaga, and Tapio S. Katko "Integrated urban water management, the green economy and institutional eco-innovations". and Saari, Arto Huovinen, P. (editors). *Proceedings of the CIB World Building Congress 2016: Volume III - Building up business operations and their logic. Shaping materials and technologies*. Tampere: Tampere University of Technology. Department of Civil Engineering. 2016, 260-271.
- Aalto, Timo et al. "Integrating III-V, Si, and polymer waveguides for optical interconnects: RAPIDO". *Optical Interconnects XVI*. Proceedings of SPIE. SPIE. 2016. <https://doi.org/10.1117/12.2214786>
- Rundgren, Aatu, Jorma Joutsenlahti, and Jari Mäkinen "Is languaging experienced to improve understanding of structural mechanics?". *44th SEFI 2016 Annual Conference: 12-15 September 2016 in Tampere, Finland*. 2016.

Lehtonen, T. et al. "Leadership instead of grading - The new goals of assessment". *44th Annual Conference of the European Society for Engineering Education - Engineering Education on Top of the World: Industry-University Cooperation, SEFI 2016*. European Society for Engineering Education SEFI. 2016.

Olsson, Thomas et al. "Lean Software Design, Lean Education? Lessons from a Collaborative University-Industry Seminar". *SEFI'16 - 44th Annual Conference of the European Society for Engineering Education*. European Society for Engineering Education SEFI. 2016.

Takala, Annina "Learning for sustainable water and sanitation services". Mazijn, B. (ed.). *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 Duurzame Ontwikkeling vzw. 2016, 250-258.

Laudyn, Urszula A. et al. "Linear and nonlinear light beam propagation in chiral nematic liquid crystal waveguides". *Photonics Letters of Poland*. 2016, 8(1). 11-13. <https://doi.org/10.4302/plp.2016.1.05>

Heikkilä, Jussi, Aki Jääskeläinen and Otto Thitz "Long-term effects of purchasing: fact or fiction?". *Proceedings of 25th IPSERA 2016 conference, 20-23.3.2016, Dortmund, Germany*. . International Purchasing and Supply Education and Research Association IPSERA. 2016.

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

Mutanen, Antti, Harri Niska, and Pertti Järventausta "Mining smart meter data - Case Finland". *CIREC Workshop 2016*. Institution of Engineering and Technology. 2016. <https://doi.org/10.1049/cp.2016.0776>

Teriö, Olli et al. "Moisture and building processes in Finland". and Kähkönen, Kalle Keinänen, Marko (editors). *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. 2016, 907-917.

Rasilo, Paavo et al. "Multiaxial magneto-mechanical modelling of electrical machines with hysteresis". *Proceedings of the 8th IET International Conference on Power Electronics, Machines and Drives, PEMD 2016*. IET, The Institution of Engineering and Technology. 2016. <https://doi.org/10.1049/cp.2016.0183>

Yli-Kaakinen, Juha, Markku Renfors and Hannu Tuomivaara "Multicarrier modulation for HF communications". *2016 International Conference on Military Communications and Information Systems (ICMCIS)*. IEEE. 2016. <https://doi.org/10.1109/ICMCIS.2016.7496542>

Lahti, Johanna "Nanoscale barrier coating on BOPP packaging film by ALD". *TAPPI PLACE Conference 2016: Exploring New Frontiers*. TAPPI Press. 2016, 493-505.

Behailu, Beshah M. and Harri Mattila "Need of Services and Understanding of Service Providers in Water and Sanitation: A Case of Ethiopia". and Nenonen, Suvi Junnonen, Juha-Matti (editors). *Proceedings of the CIB World Building Congress 2016 Volume IV: Understanding impacts and functioning of different solutions*. Tampere University of Technology. 2016, 431-440.

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

Virtanen, Juho-Pekka et al. "New value chains to construction: advancing products and services". Achour, Nebil (ed.). *Proceedings of the 20th CIB World Building Congress 2016: Advancing products and services*. Tampere University of Technology. Department of Civil Engineering. 2016, 954-965.

Alberucci, Alessandro et al. "Nonperturbative nonlinear optics in liquid crystals". *Laser science 2016*. Optical Society of America (OSA). 2016.

Humaloja, Jukka-Pekka, Timo Hämäläinen and Seppo Pohjolainen "On Detecting the Shape of an Unknown Object in an Electric Field"., Russo, G. and Capasso, V. Nicosia, G. Romano, V. (editors). *Progress in Industrial Mathematics at ECMI 2014*. Mathematics in Industry. Springer International Publishing. 2016. <https://doi.org/10.1007/978-3-319-23413-7>

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

Fotiadi, Andrei A. et al. "Optical fiber amplifier with spectral compression elements for high-power laser pulse generation". *Nonlinear Optics and its Applications IV*. Proceedings of SPIE. SPIE. 2016. <https://doi.org/10.1117/12.2223637>

Kostiainen, Emma and Suvi Nenonen "Perspective of Social Usability in the Change Processes of an Academic Workplace". *Proceedings of the CIB World Building Congress 2016: Volume II - Environmental Opportunities and Challenges. Constructing Commitment and Acknowledging Human Experiences*. Tampere University of Technology. Department of Civil Engineering. 2016, 688-701.

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

Jaakkola, Hannu et al. *Proceedings of the 26th International Conference on Information Modelling and Knowledge Bases - EJC 2016: June 6-10, 2016, Tampere, Finland*. Tampere University of Technology, Pori Department Publications. Tampere: Tampere University of Technology. 2016.

Virtanen, Tuomas et al. *Proceedings of the Detection and Classification of Acoustic Scenes and Events 2016 Workshop (DCASE2016)* Tampere University of Technology. Department of Signal Processing. 2016.

Markkula, Joni et al. "Profitability of different li-ion batteries as back-up power in LVDC distribution network". *CIREC Workshop 2016*. 2016. <https://doi.org/10.1049/cp.2016.0787>

Startceva, Sofija et al. "Quantitative Estimation of Long-living Fluorescent Molecules from Temporal Fluorescence Intensity Data Corrupted by Nonzero-mean Noise". *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. 2016, 17-24.

Narhi, Mikko et al. "Real Time Measurements of Temporal Rogue Waves and Spontaneous Modulation Instability in Optical Fiber". *CLEO: QELS Fundamental Science 2016*. Optical Society of America. 2016. https://doi.org/10.1364/CLEO_QELS.2016.FF2A.7

Jaakkola, Hannu and Bernhard Thalheim "Recognising the culture context in information search"., Jaakkola, Hannu and Thalheim, Bernhard Kiyoki, Yasushi Yoshida, Naofumi (editors). *Proceedings of the 26th International Conference on Information Modelling and Knowledge Bases - EJC 2016. : June 6-10, 2016, Tampere, Finland. .* Tampere University of Technology Pori Department Publications; 18. Tampere: Tampere University of Technology Pori Department. 2016, 167-185.

Köliö, Arto, Jukka Lahdensivu, and Matti Pentti "Reinforcement Corrosion Modelling in Renovation Strategy for Concrete Facades". *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. 2016, 199-211.

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

Bragadin, Marco A. and Kalle Kähkönen "Resource – Space Charts for Construction Workspace Scheduling". *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. 2016, 677-688.

Kumpulainen, Lauri et al. "Roadmap towards the vision of the future power system and electricity market". *CIREC Workshop 2016*. Institution of Engineering and Technology. 2016. <https://doi.org/10.1049/cp.2016.0690>

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

Pietilä, Pekka, Vesa Arvonen, and Tapio Katko "Role of Water Cooperatives in Water Service Production - Lessons from Finland and Denmark". Achour, Nebil (ed.). *Proceedings of the 20th CIB World Building Congress 2016: May 30 – June 3, 2016 Tampere Finland*. Tampere University of Technology. 2016, 1152-1161.

Saarnisaari, Harri et al. "Short range HF radio channel measurements: Search for one path channels". *2016 International Conference on Military Communications and Information Systems (ICMCIS)*. 2016. <https://doi.org/10.1109/ICMCIS.2016.7496559>

Frantc, V. A. et al. "Simultaneous binary hash and features learning for image retrieval". *Mobile Multimedia/Image Processing, Security, and Applications 2016*. SPIE Conference Proceedings. SPIE. 2016. <https://doi.org/10.1117/12.2223605>

Ryczkowski, Piotr et al. "Single Shot Time Domain Ghost Imaging using Wavelength Multiplexing". *Frontiers in Optics 2016*. Optical Society of America (OSA). 2016. <https://doi.org/10.1364/FIO.2016.FTh5C.6>

Hakkarainen, Teemu et al. "Site-controlled InAs Quantum Dots for Plasmonics". *Conference on Lasers and Electro-Optics 2016: QELS_Fundamental Science*. OSA - The Optical Society. 2016. https://doi.org/10.1364/CLEO_QELS.2016.FM1B.3

Adavanne, Sharath et al. "Sound Event Detection in Multichannel Audio Using Spatial and Harmonic Features". *Proceedings of the Detection and Classification of Acoustic Scenes and Events 2016 Workshop (DCASE2016)*. Tampere University of Technology. Department of Signal Processing. 2016, 6-10.

Airo, Kaisa, Lauri Vaara, and Suvi Nenonen "Spatial borders and affordances of a temporary school building – Enhancing the school engagement and learning experience". *Proceedings of the CIB World Building Congress 2016: Volume II - Environmental Opportunities and Challenges. Constructing Commitment and Acknowledging Human Experiences*. Tampere University of Technology. Department of Civil Engineering. 2016, 715-725.

Mäkelä, Ari-Mikko et al. "STACK assignments in university mathematics education". *Proceedings of the 44th SEFI Conference, 12 - 15 September 2016, Tampere, Finland*. European Society for Engineering Education SEFI. 2016.

Garifullin, M. R. et al. "Surrogate modeling for initial rotational stiffness of welded tubular joints". *Magazine of Civil Engineering*. 2016, 63(3). 53-76. <https://doi.org/10.5862/MCE.63.4>

Rantanen, Petri et al. "Tag suggestions from social media profiles"., Jaakkola, Hannu and Thalheim, Bernhard Kiyoki, Yasushi Yoshida, Naofumi (editors). *Proceedings of the 26th International Conference on Information Modelling and Knowledge Bases - EJC 2016. : June 6-10, 2016, Tampere, Finland. .* Tampere University of Technology Pori Department Publications. Tampere: Tampere University of Technology. 2016, 387-394.

Hosseini, Seyyed Soheil Sadat et al. "Target tracking via combination of particle filter and optimisation techniques". *International Journal of Mathematical Modelling and Numerical Optimization*. 2016, 7(2). 212-229. <https://doi.org/10.1504/IJMMNO.2016.077068>

Jääskeläinen, Aki , Otto Thitz, and Jussi Heikkilä "The role of the purchasing function in non-financial value creation". *25th Proceedings of IPSERA 2016 conference, : 20-23.3.2016, Dortmund, Germany..* 2016.

Huhtelin, Mervi and Suvi Nenonen "The Workplace for Researchers – Enhancing Concentration and Face-to-face Interaction". *Proceedings of the CIB World Building Congress 2016: Volume I - Creating built environments of new opportunities*. Tampere University of Technology. Department of Civil Engineering. 2016, 753-764.

Petrolaitiene, Vitalija, Eelis Rytönen, and Suvi Nenonen "Towards responsive workspaces - identification of service paths for time-and-place independent work". Achour, Nebil (ed.). *Proceedings of the 20th CIB World Building Congress 2016: May 30 – June 3, 2016 Tampere Finland*. Tampere University of Technology. 2016, 1141-1151.

Ylinen, Antti, Jari Mäkinen, and Reijo Kouhia "Two models for hydraulic cylinders in flexible multibody simulations". *Computational Methods for Solids and Fluids: Multiscale Analysis, Probability Aspects and Model Reduction*. Computational Methods in Applied Sciences. Springer. 2016, 463-493. https://doi.org/10.1007/978-3-319-27996-1_17

Turquet, L., M. Kauranen, and G. Bautista *Use of high-order beams to calibrate spatial light modulators for microscopy*. 2016. 1 p.

Ilomets, Simo, Targo Kalamees, and Jukka Lahdensivu "Validation of the method to evaluate the corrosion propagation stage by hygrothermal simulation". *CESB 2016 - Central Europe Towards Sustainable Building 2016: Innovations for Sustainable Future*. Czech Technical University in Prague. 2016, 1113-1120.

Leivo, Virpi et al. "Ventilation rates and CO2-levels before and after energy retrofit in Finnish apartment buildings". Kvols Heiselberg, Per (ed.). *CLIMA 2016 - Proceedings of the 12th REHVA World Congress. Aalborg. Aalborg University. Department of Civil Engineering. : Volume 1. Building Retrofit*. Aalborg: Aalborg university, Department of Civil Engineering. 2016.

Nyuppieva, Ekaterina, Teemu Laine, and Jouni Lyly-Yrjänäinen "Visual narratives in the value chain of new management accounting knowledge". *10th Conference On New Directions In Management Accounting: Brussels, Belgium, December 14-16, 2016*. 2016.

Müller, Philipp et al. "Обзор параметрических методов позиционирования на основе концепции отпечатка пальца". *Giroskopiya I Navigatsiya*. 2016, 24(1). 3-35. <https://doi.org/10.17285/0869-7035.2016.24.1.003-035>

Tappura, Sari et al. *Turvallisuuden johtajat - Esimiesten johtajuus, osaaminen ja sitoutuminen* Tampere: Tampereen teknillinen yliopisto; Tampereen yliopisto. 2015.

Naumenko, V. et al. "Bispectrum-based demodulation technique using triple-channel heterodyning of triplet-signal". *2015 Second International Scientific-Practical Conference Problems of Infocommunications Science and Technology (PIC S&T)*. IEEE. 2015, 224-226. <https://doi.org/10.1109/INFOCOMMST.2015.7357319>

Rubel, Oleksii et al. "HVS-based local analysis of denoising efficiency for DCT-based filters". *2015 2nd International Scientific-Practical Conference Problems of Infocommunications Science and Technology, PIC S and T 2015 - Conference Proceedings*. IEEE. 2015, 189-192. <https://doi.org/10.1109/INFOCOMMST.2015.7357309>

Kozhemiakina, Nadejda et al. "Method of data compression for traffic monitoring". *2015 2nd International Scientific-Practical Conference Problems of Infocommunications Science and Technology, PIC S and T 2015 - Conference Proceedings*. IEEE. 2015, 153-156. <https://doi.org/10.1109/INFOCOMMST.2015.7357299>

Seppänen, Marko et al. "Platform Competences to Enhance Network Effects in Business Ecosystems". *2015 ISPIM Innovation Summit in Brisbane, Australia - 6-9 December 2015*. International Society for Professional Innovation Management ISPIM. 2015.

Kuuliala, L. et al. "Preparation and antimicrobial characterization of silver-containing packaging materials for meat". *Food Packaging and Shelf Life*. 2015, 6. 53-60. <https://doi.org/10.1016/j.fpsl.2015.09.004>

Bartsch, H. et al. "LTCC-Based Multi-Electrode Arrays for 3D in Vitro Cell Cultures". *Journal of Ceramic Science and Technology*. 2015, 6(4). 315-324. <https://doi.org/10.4416/JCST2015-00056>

Karjalainen, P. et al. "Time-resolved characterization of primary and secondary particle emissions of a modern gasoline passenger car". *Atmospheric Chemistry and Physics Discussions*. 2015, 15(22). 33253-33282. <https://doi.org/10.5194/acpd-15-33253-2015>

Hackenberg, Jan et al. "SimpleTree: An Efficient Open Source Tool to Build Tree Models from TLS Clouds". *Forests: Open Access Journal*. 2015, 6(11). 4245-4294. <https://doi.org/10.3390/f6114245>

Sariola-Leikas, Essi *Organic Chromophores in Self-Assembled Monolayers and Supramolecular Arrays* Tampere University of Technology. Publication. Tampere University of Technology. 2015.

Naukkarinen, Johanna *What Engineering Scientists Know and How They Know It: Towards Understanding the Philosophy of Engineering Science in Finland* Tampere University of Technology. Publication. Tampere University of Technology. 2015.

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

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

Yang, Hanxue *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. Publication. Tampere University of Technology. 2015.

Kaarakka, Terhi *Fractional Ornstein-Uhlenbeck Processes* Tampere University of Technology. Publication. Tampere University of Technology. 2015.

Jussila, Jari *Social Media in Business-to-Business Companies' Innovation* Tampere University of Technology. Publication. Tampere University of Technology. 2015.

Du, Liuliu et al. "Energy Retrofits in Multi-family Buildings in North-east Europe: The Impacts on Thermal Conditions". *Energy Procedia*. 2015, 78. 860-864. <https://doi.org/10.1016/j.egypro.2015.11.008>

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

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

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

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

Latvanne, Pekka and Mikko Kylliäinen "Puuväliopohjien akustiset ominaisuudet". *Rakennusfysiikka 2015*. Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka. 2015, 567-572.

Annala, Petri et al. "By64 Tuulettuvat julkisivut 2016 -suunnittelu- ja toteusohjeen laadinta". and Vinha, Juha Ruuska, Tiina (editors). *Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere.* Tampere: Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka. 2015, 109-114.

Teriö, Olli and Jaakko Sorri "Energiatehokkuus rakennusalan ammattityövoiman täydennyskoulutuksessa". and Vinha, Juha Ruuska, Tiina (editors). *Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere.* Tampere: Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka. 2015, 97-102.

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

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

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

Tuominen, Eero and Juha Vinha "Laastien vedenimukertoimen määrittämisen virhelähdekokeet". and Vinha, Juha Ruuska, Tiina (editors). *Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere.* Tampere: Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka. 2015, 239-244.

Ruuska, Tiina and Juha Vinha "Laastin ja betonin lämmönjohtavuuden ja ominaislämpökapasiteetin määrittäminen lämpövirtalevyllaitteella". and Vinha, Juha Ruuska, Tiina (editors). *Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere.* Tampere: Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka. 2015, 227-232.

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

Marttila, Tero et al. "Onnistumistekijät valtion tukemissa homekorjaushankkeissa". and Vinha, Juha Ruuska, Tiina (editors). *Rakennusfysiikka 2015: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut, 20-22.10.2015, Tampere.* Tampere: Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka. 2015, 253-258.

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