

Aalto, Timo ; Harjanne, Mikko ; Offrein, Bert Jan ; Caër, Charles ; Neumeyr, Christian ; Malacarne, Antonio ; Guina, Mircea ; Sheehan, Robert N. ; Peters, Frank H. ; Melanen, Petri. / **Integrating III-V, Si, and polymer waveguides for optical interconnects : RAPIDO**. Optical Interconnects XVI. SPIE, 2016. (Proceedings of SPIE).

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

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

Aarikka-Stenroos, Leena ; Aaboen, Lise ; Rolfsen, Aron . / **Initiation processes and initiation contributors illustrated by Norwegian-South Korean business relationships**. The 31st IMP Conference 2015, Kolding, Denmark.. editor / Per Vagn Freytag ; Ann Höjbjerg Clarke. Kolding, Denmark, 2015.

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

Aarikka-Stenroos, Leena ; Peltola, Tero ; Rikkiev, Andrei ; Saari, Ulla. / **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. pp. 1-33

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

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

Aarikka-Stenroos, Leena ; Ranta, Valtteri ; Welanthanthri, Martina. / **Exploring customer value of Circular Economy innovations and solutions**. The 31st ISPIM Conference: Innovating in Times of Crisis.: 7-10 June 2020 - Virtual Event. editor / LUT Scientific and Expertise Publications. International Society for Professional Innovation Management ISPIM, 2020.

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

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

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

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

Adavanne, Sharath ; Parascandolo, Giambattista ; Pertilä, Pasi ; Heittola, Toni ; Virtanen, Tuomas. / **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. pp. 6-10

Ahmad, Iftikhar ; Rantanen, Petri ; Sillberg, Pekka ; Laaksonen, Jorma ; Liu, Shuhua ; Forss, Thomas ; Malik, Aqdas ; Nieminen, Marko ; Shetty, Rakshith ; Ishikawa, Satoru ; Kallio, Jarno ; Saarinen, Jukka P. ; Gabbouj, Moncef ; Soini, Jari. / **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. pp. 332-353

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

Ahmed, Shahbaz ; Mehmood, Adnan ; Sydänheimo, Lauri ; Ukkonen, Leena ; Björninen, Toni. / **Glove-Integrated Textile Antenna with Reduced SAR for Wearable UHF RFID Reader**. 2019 IEEE International Conference on RFID Technology and Applications (RFID-TA). IEEE, 2019. pp. 231-235

Ahmed, Shahbaz ; Sydänheimo, Lauri ; Ukkonen, Leena ; Björninen, Toni. / **Impact of anatomical variability on the wireless power transfer to intra-abdominal implants**. Proceedings of the 2019 IEEE Asia-Pacific Microwave Conference, APMC 2019. IEEE, 2019. pp. 578-580

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

Ahola, Tuomas ; Martinsuo, Miia. / **The circular economy of projects**. European Academy of Management Conference EURAM 2019: 26-28 June 2019, Lisbon, Portugal. EURAM, 2019. (European academy of management annual conference).

Ahopelto, Miika ; Krogerus, Tomi ; Huhtala, Kalevi. / **Vehicle Mass Estimation for Hydraulic Drive System using Longitudinal Motion Model**. The Fourteenth Scandinavian International Conference on Fluid Power, SICFP15. Tampere University of Technology. Department of Intelligent Hydraulics and Automation, 2015. pp. 433-442 (The Fourteenth Scandinavian International Conference on Fluid Power, SICFP15).

Ainasoja, Antti E. ; Hietanen, Antti ; Lankinen, Jukka ; Kämäräinen, Joni-Kristian. / **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. Vol. 4 SCITEPRESS, 2018. pp. 287-296

Ainasoja, Antti E. ; Pertuz, Said ; Kämäräinen, Joni-Kristian. / **Smartphone teleoperation for self-balancing telepresence robots**. VISIGRAPP 2019 - Proceedings of the 14th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications. editor / Andreas Kerren ; Christophe Hurter ; Jose Braz. SCITEPRESS, 2019. pp. 561-568

Airo, Kaisa ; Vaara, Lauri ; Nenonen, Suvi. / **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. pp. 715-725

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

Alanne, Aki ; Pekkola, Samuli. / **Riding for a fall in outsourced ISD: Knowledge transfer challenges between the onshore vendor and the offshored unit.** Achieving Success and Innovation in Global Sourcing: Perspectives and Practices: 9th Global Sourcing Workshop 2015, La Thuile, Italy, February 18-21, 2015, Revised Selected Papers. editor / Ilari Oshri ; Julia Kotlarsky ; Leslie Willcocks. Germany : Springer Verlag, 2015. pp. 124-140 (Lectures Notes in Business Information Processing).

Alanne, Aki ; Pekkola, Samuli. / **Riding for a fall in outsourced ISD: Transferring knowledge between onshore vendor and offshored unit.** 9th Global Sourcing Workshop 2015: La Thuile, Italy, February 18-21, 2015. 2015.

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

Alberucci, Alessandro ; Piccardi, Armando ; Kravets, Nina ; Buchnev, Oleksander ; Pannian, Jisha C. ; Assanto, Gaetano. / **Nonperturbative nonlinear optics in liquid crystals.** Laser science 2016. Optical Society of America (OSA), 2016.

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

Aleshkina, Svetlana S. ; Lipatov, Denis S. ; Velmiskin, Vladimir V. ; Kochergina, Tatyana A. ; Fedotov, Andrei ; Gumenyuk, Regina ; Kotov, Leonid V. ; Temyanko, Valery L. ; Bubnov, Mikhail M. ; Guryanov, Aleksey N. ; Likhachev, Mikhail E. / **All-fiber mode-locked laser at 0.98 μm .** Fiber Lasers XVII: Technology and Systems. editor / Liang Dong. SPIE, 2020. pp. 184 - 189 (Proceedings of SPIE).

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

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

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

Almeida, Bilena ; Chauhan, Vatsala ; Kandavalli, Vinodh ; Ribeiro, Andre. / **Mean and variability in RNA polymerase numbers are correlated to the mean but not the variability in size and composition of Escherichia coli cells.** 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. editor / Elisabetta De Maria ; Hugo Gamboa ; Ana Fred. SCITEPRESS, 2019. pp. 226-233

Amiot, Caroline G ; Aalto, Antti ; Toivonen, Juha ; Genty, Goëry. / **Incoherent Broadband Cavity Enhanced Absorption Spectroscopy Using a Supercontinuum Source in the Mid-IR.** Laser Science 2015: Proceedings Frontiers in Optics 2015. 2015.

Amiot, Caroline ; Aalto, Antti ; Genty, Goëry ; Toivonen, Juha. / **Incoherent Broadband Cavity Enhanced Absorption Spectroscopy with a Supercontinuum Source.** 2015 European Conference on Lasers and Electro-Optics - European Quantum Electronics Conference: Proceedings. Optical Society of America, 2015. pp. CH_P_16

Amiot, Caroline G. ; Ryczkowski, Piotr ; Aalto, Antti ; Toivonen, Juha ; Genty, Goëry. / **Mid-Infrared Sources for Ultra-Broadband Cavity Enhanced Spectroscopy.** Frontiers in Optics 2016. OSA, 2016.

Amjad, Faraz ; Weick, Helmut ; Mattila, Jouni ; Kozlova, Ekaterina ; Schloer, Christian. / **On Design and Development of Super-FRS main tunnel Remote Handling System Concept**. 2014 IEEE 17th International Conference on Intelligent Transportation Systems (ITSC), 8-11 Oct. 2014, Qingdao. IEEE, 2014. pp. 188-194

Ammirato, Salvatore ; Michele Felicetti, Alberto ; Della Gala, Marco ; Aramo-Immonen, Heli ; Jussila, Jari. / **Knowledge Management and Emerging Collaborative Networks in Tourism Business Ecosystems**. Proceedings of the 16th European Conference on Knowledge Management (ECKM 2015), University of Udine, Italy, 3-4 September 2015. editor / Maurizio Massaro ; Andrea Garlatti. Reading, UK : Academic Conferences and Publishing International Limited, 2015. pp. 19-26

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

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

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

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

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

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

Aramo-Immonen, Heli ; Hietaoja, Helinä ; Jussila, Jari Juhani ; Ammirato, Salvatore. / **Managing Cultural Knowledge in Project Execution**. 10th International Forum on Knowledge Asset Dynamics, IFKAD 2015, Bari, Italy: Culture, Innovation and Entrepreneurship: connecting the knowledge dots. Vol. 10 Bary : IKAM Centro Studi & Ricerche, 2015. pp. 1085-1096

Aramo-Immonen, Heli ; Bessant, John ; Heinonen, Tarja ; Öberg, Christina ; Trifilova, Anna. / **Meeting radical change: SMEs and innovation capabilities and strategic foresight**. The Proceedings of the XXVI ISPIM Conference – Shaping the Frontiers of Innovation Management, Budapest, Hungary on 14-17 June 2015. International Society for Professional Innovation Management ISPIM, 2015.

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

Asp, Olli ; Laaksonen, Anssi. / **Instrumentation and monitoring of large-span culvert built under a railway, in Finland**. Archives of Institute of Civil Engineering: 3rd European Conference on Buried Flexible Steel Structures, Rydzyna, Poland, 24-25 April 2017. editor / Arkadiusz Madaj ; Iwona Jankowiak. Vol. 2017 23. ed. Poznan : Wydawnictwo Politechniki Poznanskiej, 2017. pp. 53-60

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

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

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

Balandin, Sergey (Editor) ; Andreev, Sergey (Editor) ; Koucheryavy, Yevgeni (Editor). / **Internet of Things, Smart Spaces, and Next Generation Networks and Systems : 15th International Conference, NEW2AN 2015, and 8th Conference, ruSMART 2015, St. Petersburg, Russia, August 26-28, 2015, Proceedings**. Springer International Publishing, 2015. (Lecture Notes in Computer Science).

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

Bambach, Patrick ; Deller, Jakob ; Martel, Joachim ; Vilenius, Esa ; Goldberg, Hannah ; Sorsa, Liisa-Ida ; Pursiainen, Sampsa ; Takala, Mika ; Wurster, Andreas ; Braun, Hans Martin ; Lentz, Harald ; Jutzi, Martin ; Wittig, Manfred ; Chitu, Cristian Corneliu ; Ritter, Birgit ; Karatekin, Ozgur. / **What's inside a rubble pile asteroid? DiSCUS - A tomographic twin radar Cubesat to find out**. 69th International Astronautical Congress, IAC 2018. 2018. (Proceedings of the International Astronautical Congress, IAC).

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

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

Bautista, Godofredo ; Dreser, Christoph ; Zang, Xiaorun ; Kern, Dieter ; Kauranen, Martti ; Fleischer, Monika. / **Collective nonlinear optical effects in plasmonic nanohole ensembles of different rotational symmetries**. CLEO: QELS_Fundamental Science 2018. The Optical Society; OSA, 2018.

Begishev, Vyacheslav ; Samuylov, Andrey ; Moltchanov, Dmitri ; Samouylov, Konstantin. / **Modeling the process of dynamic resource sharing between LTE and NB-IoT services**. Distributed Computer and Communication Networks - 20th International Conference, DCCN 2017, Proceedings. Springer Verlag, 2017. pp. 1-12 (Communications in Computer and Information Science).

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

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

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

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

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

Borja Ramis, Ferrer ; Iarovyi, Sergii ; Lobov, Andrei ; Martinez Lastra, Jose L. / **Potentials of web standards for automation control in manufacturing systems**. 2015 IEEE European Modelling Symposium. 2015. pp. 359-366

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

Bragadin, Marco A. ; Kähkönen, Kalle. / **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. pp. 677-688

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

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

Burd, S.C. ; Leinonen, T. ; Penttinen, J.P. ; Allcock, D.T.C. ; Slichter, D.H. ; Srinivas, R. ; Wilson, A.C. ; Guina, M. ; Leibfried, D. ; Wineland, D.J. / **Single-frequency 571nm VECSEL for photo-ionization of magnesium**. Proceedings of SPIE: Vertical External Cavity Surface Emitting Lasers (VECSELs) VI. Vol. 9734 San Francisco : SPIE, 2016. (SPIE Conference Proceedings).

Burkov, A. ; Matveev, N. ; Turlikov, A. ; Bulanov, A. ; Gahnina, O. ; Andreev, S. / **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. pp. 143-147

Cabova, Kamila ; Liskova, Nikola ; Arha, Tesfamariam ; Malaska, Mikko ; Alanen, Mika ; Mela, Kristo ; Pajunen, Sami ; Wald, Frantisek. / **Temperature distribution of trapezoidal sheeting in fire**. Proceedings of Nordic Steel 2019: CE/papers Special Issue. Vol. 3 Wilhelm Ernst und Sohn, 2019. pp. 665-670 (CE/papers).

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

Calders, Kim ; Disney, Mathias ; Nightingale, Joanne ; Origo, Niall ; Barker, Alexandra ; Raunonen, Pasi Antero ; Lewis, Philip ; Burt, Andrew ; Brennan, James ; Fox, Nigel. / **Traceability of essential climate variables through forest stand reconstruction with terrestrial laser scanning**. Proceedings of SilviLaser 2015: 14th conference on Lidar Applications for Assessing and Managing Forest Ecosystems. 2015. pp. 122-124

Calders, Kim ; Burt, Andrew ; Newnham, Glenn ; Disney, Mathias ; Murphy, Simon ; Raunonen, Pasi ; Herold, Martin ; Culvenor, Darius ; Armston, John ; Avitabile, Valerio ; Kaasalainen, Mikko. / **Reducing uncertainties in above-ground biomass estimates using terrestrial laser scanning**. Proceedings of SilviLaser 2015: 14th conference on Lidar Applications for Assessing and Managing Forest Ecosystems. 2015. pp. 197-199

Camacho-Morales, Rocio ; Bautista, Godofredo ; Zang, Xiaorun ; Xu, Lei ; Turquet, Leo ; Miroshnichenko, Andrey ; Lamprianidis, Aristeidis ; Rahmani, Mohsen ; Neshev, Dragomir N. ; Kauranen, Martti. / **Resonant harmonic generation in AlGaAs nanoantennas using cylindrical vector beams**. CLEO: QELS_Fundamental Science 2018. The Optical Society; OSA, 2018.

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

Cashell, Katherine ; Malaska, Mikko ; Khan, Mustesin ; Alanen, Mika ; Mela, Kristo. / **Numerical analysis of the behaviour of stainless steel cellular beam in fire**. Proceedings of Nordic Steel 2019: CE/papers Special Issue. Vol. 3 Wilhelm Ernst und Sohn, 2019. pp. 895-900 (CE/papers).

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

Chapuis, Yannick ; Demoly, Frédéric ; Coatanéa, Eric ; Gomes, Samuel. / **Product Upgradability : Towards a Medical Analogy**. ADVANCES IN PRODUCTION MANAGEMENT SYSTEMS: INNOVATIVE AND KNOWLEDGE-BASED PRODUCTION MANAGEMENT IN A GLOBAL-LOCAL WORLD, APMS 2014, PT III. editor / B Grabot ; B Vallespir ; S Gomes ; A Bouras ; D Kiritsis. Vol. 440 PART 3. ed. Springer-Verlag, Berlin, 2014. pp. 148-155 (IFIP Advances in Information and Communication Technology).

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

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

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

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

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

Chetan Kumar, V. ; Shiva Prakash, S. P. ; Balandin, Sergey. / **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. pp. 195-203

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

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

Christophe, François ; Mokammel, Faisal ; Coatanea, Eric ; Bakhouya, Mohamed. / **Integration of evaluation and simulation methods for virtual prototypes**. Proceedings of the 15th International Conference on Engineering and Product Design Education: Design Education - Growing Our Future, EPDE 2013. 2013. pp. 623-628

Chudoba, Minna (Editor) ; Rajaniemi, Juho (Editor) ; Virkkala, Julia (Editor). / **Raitiotien seisakkeet : Yhdyskuntasuunnittelun jatkokurssi A ja B**. Tampere University of Technology, School of Architecture, 2015. 74 p.

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

Coatanéa, Eric ; Ryyänen, Leena ; Calonius, Olof ; Mokammel, Faisal ; Riitahuhta, Asko. / **Systematic Search and Ranking of Physical Contradictions Using Graph Theory Principles: Toward a Systematic Analysis of Design Strategies and their Impacts : TRIZ and Knowledge-Based Innovation in Science and Industry**. In: Procedia Engineering. 2015 ; Vol. 131. pp. 1165-1182.

Collin, Jussi ; Perttula, Arto ; Parviainen, Jussi ; Racko, Jan ; Brida, Peter. / **Pedestrian Dead Reckoning with Particle Filter for Handheld Smartphone**. 2016 International Conference on Indoor Positioning and Indoor Navigation (IPIN). IEEE, 2016.

Contreras, Victor ; Lonnqvist, Jan ; Toivonen, Juha. / **Single micro-particle scattering detection based on Edge Filter Enhanced Self-Mixing Interferometry**. 2015 European Conference on Lasers and Electro-Optics - European Quantum Electronics Conference. Optical Society of America, 2015. pp. CH_P_11

Dang, Dinh ; Pekkola, Samuli. / **Systematic Literature Review on Enterprise Architecture in the Public Sector**. The 38th Information Systems Research Conference in Scandinavia (IRIS38). editor / Anssi Öörni ; Netta Iivari ; Kari Kuutti ; Harri Oinas-Kukkonen ; Mikko Rajanen. 2015.

Dang, Duong ; Pekkola, Samuli. / **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.

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

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

Dehghani, Nemath ; Supponen, Antti ; Repo, Sami. / **Risk Assessment of Major Storm Situation in Distribution System**. 2015 50th International Universities Power Engineering Conference (UPEC). IEEE, 2015.

Devillers, Raymond (Editor) ; Valmari, Antti (Editor). / **Application and Theory of Petri Nets and Concurrency : 36th International Conference, PETRI NETS 2015 Brussels, Belgium, June 21-26, 2015 Proceedings**. Springer Verlag, 2015. (Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)).

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

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

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

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

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

Dresler, Christoph ; Gollmer, Dominik A. ; Bautista, Godofredo ; Zang, Xiaorun ; Kern, Dieter P. ; Kauranen, Martti ; Fleischer, Monika. / **Plasmonic mode conversion and second harmonic imaging of tilted plasmonic nanocones**. Proceedings of META 2019, The 10th International Conference on Metamaterials, Photonic Crystals and Plasmonics . META Publishing, 2019. pp. 356-357 (META proceedings).

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

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

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

Drossos, Konstantinos ; Kotsakis, Rigas ; Kalliris, George ; Floros, Andreas. / **Sound Events and Emotions: Investigating the Relation of Rhythmic Characteristics and Arousal**. Information, Intelligence, Systems and Applications (IISA), 2013 Fourth International Conference on. IEEE, 2013. pp. 1-6

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

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

Dsouza, R. ; Antunes, P. ; Kakkonen, M. ; Jokinen, J. ; Sarlin, E. ; Kallio, P. ; Kanerva, M. / **Experimental and numerical dataset of Microbond test using optical fibres for strain**. In: Data in Brief. 2020 ; Vol. 31.

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

Dumitrescu, M. ; Uusitalo, T. ; Virtanen, H. ; Laakso, A. ; Bardella, P. ; Montrosset, I. / **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. pp. 147-148

Edelman, Harry (Editor) ; Härkönen, Kaisa (Editor). / **Sustainable Design Studio 2014**. Tampere University of Technology. School of Architecture, 2015. 79 p.

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

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

El-Khozondar, Hala ; El-Khozondar, Rifa ; Matter, Khaled ; Suntio, Teuvo. / **A review study of photovoltaic array maximum power point tracking algorithms**. In: Renewables: Wind, Water, and Solar. 2016 ; Vol. 3, No. 1.

Ellman, A. ; Paronen, J. ; Juuti, T. S. ; Tiainen, T. / **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. pp. 1825-1832

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

Eloranta, Veli-Pekka. / **Patterns for controlling chaos in a startup**. VikingPLoP 2014 Proceedings of the 8th Nordic Conference on Pattern Languages of Programs. Vol. 2014-April Association for Computing Machinery, 2014. pp. 1-8 (ACM International Conference Proceeding Series).

Eloranta, Veli-Pekka (Editor) ; Koskinen, Johannes ; Leppänen, Marko Kristian. / **Proceedings of VikingPLoP 2013 Conference**. Tampere University of Technology. Department of Pervasive Computing, 2013. 125 p. (Tampere University of Technology. Department of Pervasive Computing. Report).

Eloranta, Veli-Pekka (Editor) ; Koskinen, Johannes (Editor) ; Leppänen, Marko (Editor). / **Proceedings of VikingPLoP 2012 Conference**. Tampere University of Technology. Department of Software Systems, 2012. 142 p. (Tampere University of Technology. Department of Software Systems. Report).

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

Eriksson, Sirkka-Liisa ; Haukkanen, Pentti ; Hukka, Terttu I. ; Lemmetyinen, Helge. / **Tampereen matemaattisten aineiden aineenopettajakoulutus**. In: LUMAT: International Journal on Math, Science and Technology Education. 2015 ; Vol. 3, No. 6. pp. 800-807.

Eteläaho, Anna ; Soini, Jari ; Jaakkola, Hannu ; Mattila, Anna-Liisa. / **Visual Data Mining in Software Repositories: A Survey**. The Proceedings of the 27th International Conference on Information Modelling and Knowledge Bases. editor / Virach Sormlertlamvanich ; Petchporn Chawakitchareon ; Aran Hansuebsai ; Chawan Koopipat ; Yasushi Kiyoki ; Hannu Jaakkola ; Bernhard Thalheim ; Naofumi Yoshida. Sirindhorn International Institute of Technology, Thammasat University, Thailand, 2017. pp. 367-385

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

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

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

Fedorik, Filip ; Malaska, Mikko. / **The Effects of Initial Moisture on Damp Problems of a Timber Framed Wall Construction - a Numerical Approach**. Proceedings of the XII Finnish Mechanics Days : Finnish mechanics days . editor / Reijo Kouhia ; Jari Mäkinen ; Sami Pajunen ; T. Saksala. Espoo, Finland : Finnish Association for Structural Mechanics, 2015. pp. 18-23

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

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

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

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

Filanovsky, I.M. ; Järvenhaara, J.K. ; Tchamov, N.T. / **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.

Filanovsky, Igor ; Tchamov, Nikolay. / **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.

Filippov, Valery ; Ustimchik, V.E. ; Chamorovskiy, Yuri ; Golant, Konstantin ; Vorotynskii, Andrei ; Okhotnikov, Oleg. / **Impact of Axial Profile of the Gain Medium on the Mode Instability in Lasers : Regular Versus Tapered Fibers**. The European Conference on Lasers and Electro-Optics 2015. OSA, 2015.

Filippov, Valery ; Chamorovskii, Yuri K. ; Golant, Konstantin M. ; Vorotynskii, Andrei ; Okhotnikov, Oleg G. / **Optical amplifiers and lasers based on tapered fiber geometry for power and energy scaling with low signal distortion**. Proceedings of SPIE: Fiber Lasers XIII: Technology, Systems, and Applications. editor / John Ballato. Vol. 9728 SPIE, 2016. (SPIE conference proceedings).

Filippov, Valery ; Vorotynskii, Andrei ; Noronen, Teppo ; Gumenyuk, Regina ; Chamorovskii, Yuri ; Golant, Konstantin. / **Picosecond MOPA with ytterbium doped tapered double clad fiber**. Fiber Lasers XIV: Technology and Systems. Vol. 10083 SPIE, 2017. (Proceedings of SPIE; 10083).

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

Fotiadi, Andrei A. ; Korobko, Dmitry A. ; Okhotnikov, Oleg G. ; Zolotovskii, Igor O. / **Optical fiber amplifier with spectral compression elements for high-power laser pulse generation**. Nonlinear Optics and its Applications IV. Vol. 9894 SPIE, 2016. (Proceedings of SPIE).

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

Frankberg, Erkkä Juhani. / **Suomen keraaminen seura - Keramiska sällskapet i Finland**. In: Materia. 2015 ; Vol. 5. pp. 58-58.

Frantc, V. A. ; Makov, S. V. ; Voronin, V. V. ; Marchuk, V. I. ; Semenishchev, E. A. ; Egiazarian, K. O. ; Agaian, S. / **Simultaneous binary hash and features learning for image retrieval**. Mobile Multimedia/Image Processing, Security, and Applications 2016. SPIE, 2016. (SPIE Conference Proceedings).

Frimpong, Eugene ; Michalas, Antonis. / **IoT-CryptoDiet : Implementing a lightweight cryptographic library based on ecdh and ecdsa for the development of secure and privacy-preserving protocols in contiki-ng**. IoTBDS 2020 - Proceedings of the 5th International Conference on Internet of Things, Big Data and Security. editor / Gary Wills ; Peter Kacsuk ; Victor Chang. SCITEPRESS, 2020. pp. 101-111

Frondelius, Tero ; Holopainen, Sami ; Kouhia, Reijo ; Ottosen, Niels Saabye ; Ristinmaa, Matti ; Vaara, Joonas. / **A continuum based macroscopic unified low- and high cycle fatigue model**. In: MATEC Web of Conferences. 2019 ; Vol. 300.

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

Galinina, Olga ; Turlikov, Andrey ; Andreev, Sergey ; Koucheryavy, Yevgeni. / **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. pp. 106-110

Gapeyenko, Margarita ; Petrov, Vitaly ; Moltchanov, Dmitri ; Yeh, Shu Ping ; Himayat, Nageen ; Andreev, Sergey. / **Comparing capacity gains of static and UAV-based millimeter-wave relays in clustered deployments**. 2020 IEEE International Conference on Communications Workshops, ICC Workshops 2020 - Proceedings. IEEE, 2020. (IEEE/CIC international conference on communications in China - workshops).

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

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

Garifullin, Marsel. / **Experimental moment resistance of rectangular hollow section T joints**. In: MATEC Web of Conferences. 2018 ; Vol. 245.

Geng, Jing ; Li, Honglei ; Liu, Yanzhou ; Liu, Yongkang ; Kashef, Mohamed ; Candell, Richard ; Bhattacharyya, Shuvra S. / **Model-based cosimulation for industrial wireless networks**. WFCs 2018 - 2018 14th IEEE International Workshop on Factory Communication Systems. IEEE, 2018. pp. 1-10

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

Ghorbani, Modjtaba ; Dehmer, Matthias ; Emmert-Streib, Frank. / **Properties of entropy-based topological measures of fullerenes**. In: Mathematics. 2020 ; Vol. 8, No. 5.

Gomez Casco, David ; Lohan, Elena-Simona ; Lopez-Salcedo, Jose A. ; Seco-Granados, Gonzalo. / **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.

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

Goncalves, Nadia S.M. ; Martins, Leonardo ; Tran, Huy ; Oliveira, Samuel M.D. ; Neeli-Venkata, Ramakanth ; Fonseca, Jose ; Ribeiro, Andre S. / **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. pp. 9-15

Gonzalez de Tanago, Jose ; Bartholomeus, Harm ; Joseph, Shijo ; Herold, Martin ; Avitabile, Valerio ; Goodman, Rosa ; Raumonon, Pasi ; Burt, Andrew. / **Terrestrial LiDAR and 3D tree Quantitative Structure Model for quantification of aboveground biomass loss from selective logging in a tropical rainforest of Peru**. Proceedings of SilviLaser 2015: 14th conference on Lidar Applications for Assessing and Managing Forest Ecosystems. 2015. pp. 119-121

Grigonyte, J. ; Sippula, O. ; Tissari, J. ; Laitinen, Ari ; Keskinen, Jorma ; Kortelainen, M. ; Lamberg, H. ; Jokiniemi, J. / **A study of a condensing heat exchanger and electrostatic precipitator combination for small-scale wood combustion**. European Aerosol Conference 2015: EAC 2015, Milan, Italy. 2015.

Gudkova, Irina ; Samouylov, Konstantin ; Ostrikova, Darya ; Mokrov, Evgeniy ; Ponomarenko-Timofeev, Aleksei ; Andreev, Sergey ; Koucheryavy, Yevgeni. / **Service Failure and Interruption Probability Analysis for Licensed Shared Access Regulatory Framework**. 2015 7th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT). IEEE, 2015. pp. 123-131

Gudkova, Irina ; Markova, Ekaterina ; Masek, Pavel ; Andreev, Sergey ; Hosek, Jiri ; Yarkina, Natalia ; Samouylov, Konstantin ; Koucheryavy, Yevgeni. / **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. pp. 119-123

Haapanen, Jussi. / **Principles of designing for situation awareness**. Tampere : Maanpuolustuskorkeakoulu Sotatekniikan laitos, 2015. pp. 29-46 (Situational awareness for critical infrastructure protection; 1).

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

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

Habib, Muhammad ; Rasheed, Saqib ; Hussain, Ayyaz ; Ali, Mubashir. / **Random Value Impulse Noise Removal Based on Most Similar Neighbors**. 2015 13th International Conference on Frontiers of Information Technology (FIT) . IEEE, 2016. pp. 329-333

Habib, Mohsin ; Ozbay, Ekmel ; Caglayan, Humeyra. / **Tuning plasmon induced reflectance with hybrid metasurfaces**. In: Photonics. 2019 ; Vol. 6, No. 1.

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

Hagman, Sirkka. / **Oppivan organisaation kehittäminen osaavaksi organisaatioksi. Tapaustutkimus suomalaisessa teollisuusyrityksessä**. Tampere University of Technology, 2015. 209 p. (Tampere University of Technology. Publication).

Hagmark, P. ; Laitinen, J. / **Modeling of Age-Dependent Failure Tendency from Incomplete Data**. Engineering Asset Management 2011: Proceedings of the Sixth World Congress on Engineering Asset Management. editor / Jay Lee ; Jun Ni ; Jagnathan Sarangapani ; Joseph Mathew. London : Springer-Verlag London Limited, 2014. pp. 449-459 (Lecture Notes in Mechanical Engineering).

Hajikazemi, Sara ; Ahola, Tuomas ; Aaltonen, Kirsi ; Aarseth, Wenche ; Andersen, Bjorn. / **Normalization of deviance in the construction industry, a managerial perspective**. European Academy of Management Conference 2019, EURAM: 26-28 June, Lissabon, Portugal. 2019. (European academy of management annual conference).

Hakkarainen, Teemu ; Tommila, Juha ; Schramm, Andreas ; Simonen, Janne ; Niemi, Tapio ; Strelow, Christian ; Kipp, Tobias ; Kontio, Juha ; Guina, Mircea. / **Site-controlled InAs Quantum Dots for Plasmonics**. Conference on Lasers and Electro-Optics 2016: QELS_Fundamental Science. OSA - The Optical Society, 2016.

Hakkarainen, Teemu ; Leahu, Grigore ; Petronijevic, Emilija ; Belardini, Alessandro ; Centini, Marco ; Li Voti, Roberto ; Koivusalo, Eero ; Rizzo Piton, Marcelo ; Guina, Mircea ; Sibilia, Concita. / **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.

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

Halinoja, Markku. / **Environment Interpretation for Business Continuity in a Project Supplier's Networks – Critical Factors in International Industrial Upgrades**. Tampere : Tampere University of Technology, 2015. 237 p. (Tampere University of Technology. Publication).

Halvari, Seija ; Suominen, Anu ; Jussila, Jari ; Jonsson, Vilho ; Bäckman, Johan. / **Conceptualization of hackathon for innovation management**. The proceedings of The XXX ISPIIM INNOVATION CONFERENCE - Celebrating Innovation - 500 Years Since Da Vinci The International Society for Professional Innovation Management: 16-19 June 2019 - Florence, Italy. editor / Iain Bitran ; Steffen Conn ; Chris Gernreich ; Michelle Heber ; K.R.E. Huizingh ; Olga Kokshagina ; Marko Torkkeli ; Marcus Tynnhammer. Vol. 93 Florence Italy : The International Society for Professional Innovation Management (ISPIIM), 2019.

Hannus, Simon. / **Value Creation in Private Equity : A Case Study of Outperforming Buyouts in the Nordic Countries**. Tampere University of Technology, 2015. 180 p. (Tampere University of Technology. Publication).

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

Haußmann, Lukas ; Neumeier, Steffen ; Kolb, Markus ; Ast, Johannes ; Mohanty, Gaurav ; Michler, Johann ; Göken, Mathias. / **Local Mechanical Properties at the Dendrite Scale of Ni-Based Superalloys Studied by Advanced High Temperature Indentation Creep and Micropillar Compression Tests**. Superalloys 2020: Proceedings of the 14th International Symposium on Superalloys. editor / Sammy Tin ; Mark Hardy ; Justin Clews ; Jonathan Cormier ; Qiang Feng ; John Marcin ; Chris O'Brien ; Akane Suzuki. Springer, 2020. pp. 273-281 (The Minerals, Metals and Materials Series).

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

He, Han ; Chen, Xiaochen ; Ukkonen, Leena ; Virkki, Johanna. / **Clothing-Integrated Passive RFID Strain Sensor Platform for Body Movement-Based Controlling**. 2019 IEEE International Conference on RFID Technology and Applications (RFID-TA). IEEE, 2019. pp. 236-239

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

Heikkilä, Jussi ; Jääskeläinen, Aki ; Thitz, Otto. / **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.

Heikkinen, Juuso ; Gumenyuk, Regina ; Rantamäki, Antti ; Lyytikäinen, Jari ; Leinonen, Tomi ; Zolotovskii, Igor ; Melkumov, Mikhail ; Dianov, Evgeny M. ; Okhotnikov, Oleg G. / **Power and wavelength scaling using semiconductor disk laser - bismuth fiber MOPA systems**. Vertical External Cavity Surface Emitting Lasers (VECSELs) V. editor / M Guina. BELLINGHAM : SPIE, 2015. (Proceedings of SPIE).

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

Heinisuo, Markku ; Mela, Kristo ; Tiainen, Teemu ; Jokinen, Timo ; Baczkiewicz, Jolanta ; Garifullin, Marsel. / **Surrogate model for rotational stiffness of welded tubular Y-joints**. METNET Tenth International Seminar in Budapest 13.-14.10.2015. 2015. pp. 18-39 (HAMKin julkaisuja; 15).

Heinisuo, Markku (Editor) ; Mäkinen, Jari (Editor). / **The 13th Nordic Steel Construction Conference (NSCC.2015)**. Tampere : Tampere University of Technology, 2015.

Helamaa, Anna . / **Kattavasti rivitaloista**. In: Arkkitehti. 2015 ; No. 3. pp. 80-81.

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

Helander, Nina ; Okkonen, Jussi ; Vuori, Vilma ; Paavilainen, Niina ; Kujala, Johanna. / **Enablers and Restraints of Knowledge Work – Does profession make a difference?**. Towards a new architecture of knowledge : Big Data, culture and creativity: IFKAD 2016-11th International Forum on Knowledge Asset Dynamics, Dresden 15-17.6.2016, Germany. 2016. pp. 40-52

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

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

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

Helander, Nina ; Väyrynen, Hannele ; Zhao, Xuepin ; Kukko, Marianne . / **The development curve of knowledge management practices: a ten year perspective from top50 Finnish enterprises**. 15th Eurasia business and economics society conference: Lisbon, Portugal, January 8-10, 2015. Springer, 2015.

Heljakka, Katriina ; Ihamaki, Pirtta ; Tuomi, Pauliina ; Saarikoski, Petri. / **Gamified coding : Toy robots and playful learning in early education**. Proceedings - 6th Annual Conference on Computational Science and Computational Intelligence, CSCSI 2019. IEEE, 2019. pp. 800-805

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

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

Hellsten, Pasi ; Myllärniemi, Jussi. / **Business intelligence process model revisited.** IC3K 2019 - Proceedings of the 11th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management. editor / Jorge Bernardino ; Ana Salgado ; Joaquim Filipe. SCITEPRESS, 2019. pp. 341-348 (IC3K 2019 - Proceedings of the 11th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management).

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

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

Hirvonen, Tuomo. / **Seinäjoen ydinkeskustan olennaiset kehitysvaiheet ja sen 1950 - 70-lukujen rakennusperinnön arvottamisperiaatteita.** Tampere : Tampereen teknillinen yliopisto. Arkkitehtuurin laitos, 2015. 121 p.

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

Höjbjerg Clarke, Ann ; Rostgaard Evald, Majbritt ; Aarikka-Stenroos, Leena. / **Developing commercialization plans through stakeholder interaction: Patterns identified from Public-Private Innovation Projects.** The 31st Annual IMP Conference and Doctoral Colloquium 2015, Kolding, Denmark.. editor / Per Vagn Freytag ; Ann Höjbjerg Clarke. 2015.

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

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

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

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

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

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

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

Hosek, Jiri ; Kovac, Dominik ; Uhlir, Dalibor ; Galinina, Olga ; Andreev, Sergey ; Koucheryavy, Yevgeni ; Ries, Michal. / **On Predicting Video Quality Expectations of Mobile Users.** 2015 7th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT). IEEE, 2015. pp. 110-115

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

Houbre, Quentin ; Angleraud, Alexandre ; Pieters, Roel. / **Exploration and exploitation of sensorimotor contingencies for a cognitive embodied agent.** ICAART 2020 - Proceedings of the 12th International Conference on Agents and Artificial Intelligence. editor / Ana Rocha ; Luc Steels ; Jaap van den Herik. Vol. 2 SCITEPRESS, 2020. pp. 546-554

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

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

Huhtelin, Mervi ; Nenonen, Suvi. / **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. pp. 753-764

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

Hukka, Jarmo J. ; Nyanchaga, Ezekiel Nyangeri ; Katko, Tapio S. / **Integrated urban water management, the green economy and institutional eco-innovations.** Proceedings of the CIB World Building Congress 2016: Volume III - Building up business operations and their logic. Shaping materials and technologies. editor / Arto Saari ; P. Huovinen. Tampere : Tampere University of Technology. Department of Civil Engineering, 2016. pp. 260-271

Humaloja, Jukka-Pekka ; Hämäläinen, Timo ; Pohjolainen, Seppo. / **On Detecting the Shape of an Unknown Object in an Electric Field.** Progress in Industrial Mathematics at ECMI 2014. editor / G. Russo ; V. Capasso ; G. Nicosia ; V. Romano. Springer International Publishing, 2016. (Mathematics in Industry).

Huotari, Pontus ; Järvi, Kati ; Kortelainen, Samuli ; Huhtamäki, Jukka. / **Winner-Does-Not-Take-All : Selective Attention and Local Bias in Platform-Based Markets.** Academy of Management Proceedings: Meeting Abstract Supplement. Academy of Management, 2015. (Academy of Management. Annual Meeting Proceedings).

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

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

Huovinen, Pekka . / **Leveraging concepts for environmentally sustainable business management in construction - a focused review**. CIB Proceedings 2015 : Going North for Sustainability: Leveraging Knowledge and Innovation for Sustainable Construction and Development. editor / Charles Egbu . London, UK : IBEA Publications Ltd, 2015. pp. 286-296

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

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

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

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

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

Hynynen, Ari (Editor) ; Panu, Anne-Marjo (Editor) ; Taanila, Tuulia (Editor). / **Puu-Hubi : Perinteestä uusiin innovaatioihin**. Tampereen teknillinen yliopisto. Arkkitehtuurin laitos, 2015. 107 p.

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

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

Hynynen, Ari . / **Future in wood? Timber construction in boosting local development**. In: European Spatial Research and Policy. 2016 ; Vol. 23, No. 1. pp. 127-139.

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

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

Hyytinen, Toni ; Kivistö-Rahnasto, Jouni. / **Liikuntapalveluiden ulkoistaminen ja palveluiden turvallisuus. Nykytilanne ja kuntien kokemukset – Loppuraportti**. Helsinki : OPETUS- JA KULTTUURIMINISTERIÖ, 2015. 27 p. (Opetus- ja kulttuuriministeriön julkaisuja).

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

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

Ilomets, Simo ; Kalamees, Targo ; Lahdensivu, Jukka. / **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. pp. 1113-1120

Inha, Laura ; Katko, Tapio S. ; Rajala, Riikka. / **Vesihuollon instituutiot vaativat taitavaa jalkapallopeleä**. In: Rakennustekniikka. 2019 ; Vol. 75, No. 3. pp. 38-40.

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

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

Jaakkola, Elina ; Aarikka-Stenroos, Leena ; Salmivalli, Lauri. / **Institutionalizing a service innovation in complex networks: The case of developing and diffusing electronic prescription in Finland**. The 31st Annual IMP Conference and Doctoral Colloquium 2015, Kolding, Denmark.. editor / Per Vagn Freytag ; Ann Höjbjerg Clarke. 2015.

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

Jaakkola, Hannu (Editor) ; Thalheim, Bernhard (Editor) ; Kiyoki, Yasushi (Editor) ; Yoshida, Naofumi (Editor). / **Proceedings of the 26th International Conference on Information Modelling and Knowledge Bases - EJC 2016 : June 6-10, 2016, Tampere, Finland**. . Tampere : Tampere University of Technology, 2016. (Tampere University of Technology, Pori Department Publications).

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

Jääskeläinen, Aki ; Heikkilä, Jussi ; Thitz, Otto. / **Identifying the potential of performance measurement in supporting strategic purchasing and supply chain management**. 8th conference on performance measurement and management control. Nice, France : The European Institute for Advanced Studies in Management, EIASM, 2015. pp. 1-21 (Conference on Performance Measurement and Management Control).

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

Jääskeläinen, Aki ; Thitz, Otto ; Heikkilä, Jussi. / **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. EIASM, 2017. (Conference on Performance Measurement and Management Control).

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

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

Jama, Teemu ; Lehtovuori, Panu ; Rajaniemi, Juho ; Siikonen, Mari ; Mäntynen, Jorma ; Rantanen, Annuska ; Joutsiniemi, Anssi ; Koskela, Katja ; Kärkinen, Timo ; Saarikoski, Petri ; Saarniaho, Karoliina. / **Ideoita kaavoituksen sisällön uudistamiseen : Kaavojen merkintöjen ja määräysten kehittäminen (KAMMI-hanke)**. Helsinki : Ympäristöministeriö, 2018. 74 p.

Jäniskangas, Tapani . / **Hiekkatekonurmipintaisten pesäpallokenttien ominaisuuksien muuttuminen ja elinkaari**. Tampereen teknillinen yliopisto. Rakennustekniikan laitos, 2015. 45 p. (Tampereen teknillinen yliopisto. Rakennustekniikan laitos. Maa- ja pohjarakenteet. Tutkimusraportti).

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

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

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

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

Järvinen, Samu T. ; Saari, Sampo ; Keskinen, Jorma ; Toivonen, Juha. / **Detailed analysis of laser-induced breakdown spectroscopy of single particles using electrodynamic balance trapping**. The European Conference on Lasers and Electro-Optics 2015. Optical Society of America, 2015. pp. CH_7_5

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

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

Jokinen, Jarno ; Kanerva, Mikko ; Saarela, Olli. / **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.

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

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

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

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

Jussila, Jari Juhani ; Kärkkäinen, Hannu ; Aramo-Immonen, Heli ; Ammirato, Salvatore ; Michele Felicetti, Alberto ; Della Gala, Marco. / **Social media applications in external B2B transactions : An empirical analysis of the Finnish technology industry**. 10th International Forum on Knowledge Asset Dynamics: Culture, Innovation and Entrepreneurship: connecting the knowledge dots. Vol. 10 Bari, 2015. pp. 1930-1940

Jussila, Jari . / **Social Media in Business-to-Business Companies' Innovation**. Tampere University of Technology, 2015. 70 p. (Tampere University of Technology. Publication).

Jussila, Jari ; Aramo-Immonen, Heli ; Rouvari, Olli ; Porkka, Pasi ; Ammirato, Salvatore. / **Does Strategic and Innovative Fit Indicate Smart Social Media use in a Company?**. Proceedings of the 11th International Forum on Knowledge Asset Dynamics: Towards a New Architecture of Knowledge: Big Data, Culture and Creativity, Dresden -Germany 15-17 June 2016. Dresden, 2016. pp. 1973-1983

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

Jussila, Jari ; Vuori, Vilma ; Okkonen, Jussi ; Helander, Nina. / **Reliability and Perceived Value of Sentiment Analysis for Twitter Data**. 5th International Conference on Strategic Innovative Marketing, At Athens, Greece,; September 23-26, 2016. editor / A. Kavoura ; D. Sakas ; P. Tomaras. Springer, 2017. pp. 43-48 (Springer Proceedings in Business and Economics).

Jussila, Jari ; Boedeker, Mika ; Jalonen, Harri ; Helander, Nina. / **Social Media Analytics Empowering Customer Experience Insight**. 5th International Conference on Strategic Innovative Marketing, Volume: 5: September 23-26, 2016 At Athens, Greece. editor / A. Kavoura ; D. Sakas ; P. Tomaras. Springer, 2017. pp. 25-30 (Springer Proceedings in Business and Economics).

Jussila, Jari ; Boedeker, Mika ; Jalonen, Harri ; Helander, Nina. / **Social media analytics empowering marketing insight- A framework for analyzing affective experiences from social media content**. Paper presented at EMAC 2016, Oslo, Norway.

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

Jussila, Jari ; Menon, Karan ; Gupta, Jayesh ; Kärkkäinen, Hannu. / **Who is who in Big Social Data? A Bibliographic Network Analysis Study**. Proceedings of the 4th European Conference on Social Media ECSM 2017. Vol. 4 Reading, UK : Academic Conferences and Publishing International Limited, 2017. pp. 161-169

Jussila, Jari ; Kukkamäki, Joni ; Helander, Nina. / **Co-creating digital services for citizens : Activity theory analysis**. IC3K 2019 - Proceedings of the 11th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management. editor / Jorge Bernardino ; Ana Salgado ; Joaquim Filipe. SCITEPRESS, 2019. pp. 285-290 (IC3K 2019 - Proceedings of the 11th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management).

Juuti, Petri ; Rajala, Riikka. / **Sata vuotta Suomen suurimmasta lavantautiepidemiasta**. In: Vesitalous. 2017 ; Vol. 2017, No. 1. pp. 12-14.

Juuti, Petri ; Rajala, Riikka. / **Valkea kaupunki, mustat vedet**. In: Vesitalous. 2017 ; Vol. 2017, No. 1. pp. 15-17.

Juuti, T. ; Kopra, M. J. ; Rättyä, Kaisu ; Lehtonen, Timo. / **How to benefit from learning logs in engineering education?**. 44th Annual Conference of the European Society for Engineering Education - Engineering Education on Top of the World: Industry-University Cooperation, SEFI 2016. European Society for Engineering Education SEFI, 2016.

Juuti, Petri. / **Vesi, ongelma ennen ja nyt?**. In: Ympäristöhistoria: Finnish Journal of Environmental History. 2017 ; Vol. 2017, No. 1. pp. 54-65.

Juuti, Petri S. ; Kurki, Vuokko ; Rajala, Riikka. / **Local narratives in the long term water conflicts : Case of Turku Region in Finland**. In: Ympäristöhistoria: Finnish Journal of Environmental History. 2017 ; Vol. 2017, No. 1. pp. 39-49.

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

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

Juuti, Tero ; Pakkanen, Jarkko ; Lehtonen, Timo. / **Empirical study of good, bad and ugly modular engineering solutions in machinery manufacturing industry**. Proceedings of the Design Society: International Conference on Engineering Design: The 22nd International Conference on Engineering Design, ICED19, Delft, The Netherlands, 5-8 August 2019. Cambridge University Press, 2019. pp. 2981-2990 (Proceedings of the Design Society: International Conference on Engineering Design).

Jylhä, Tuuli ; Vuolle, Maiju ; Nenonen, Suvi ; Virtaneva, Mikko. / **Towards Business Potential of Workplace Services in Finland**. 8th Nordic Conference on Construction Economics and Organization: May 28-29 2015, Tampere, Finland. Vol. 21 Elsevier, 2015. pp. 518-523 (Procedia Economics and Finance).

Kaarakka, Terhi. / **Fractional Ornstein-Uhlenbeck Processes**. Tampere University of Technology, 2015. 102 p. (Tampere University of Technology. Publication).

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

Kähkönen, Kalle (Editor) ; Huovinen, Pekka (Editor) ; Keinänen, Marko (Editor). / **CEO 2015 : Proceedings of the 8th Nordic Conference on Construction Economics and Organization**. Tampere University of Technology. Department of Civil Engineering, 2015. 40 p. (Tampere University of Technology. Department of Civil Engineering. Construction Management and Economics. Report).

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

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

Kähkönen, Kalle (Editor) ; Keinänen, Marko (Editor). / **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. 917 p. (Tampere University of Technology. Department of Civil Engineering. Construction Management and Economics. Report).

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

Kahle, Hermann ; Penttinen, Jussi Pekka ; Phung, Hoy My ; Rajala, Patrik ; Tukiainen, Antti ; Ranta, Sanna ; Guina, Mircea. / **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**. Vertical External Cavity Surface Emitting Lasers (VECSELS) IX. editor / Ursula Keller. SPIE, IEEE, 2019. (Proceedings of SPIE - The International Society for Optical Engineering).

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

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

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

Kanerva, Mikko. / **Advanced Treatments of Aramid Fibers for Composite Laminates**. Fiber Composites. editor / Tri-Dung Ngo. London, UK : InTech Open Access Publisher, 2020.

Kangas, Jari ; Lunden, Olli-Pekka. / **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.

Kangas, Jari ; Poutanen, Jenni. / **Underpinning Interrelated Factors of Physical, Virtual, and Social Learning Environments**. ICERI2018 Proceedings. 2018. pp. 8087-8096 (ICERI proceedings).

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

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

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

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

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

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

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

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

Karimi, Nazanin ; Alberucci, Alessandro ; Virkki, Matti ; Priimägi, Arri ; Kauranen, Martti ; Assanto, Gaetano. / **Quenching nematicon fluctuations via photo-stabilization**. In: Photonics Letters of Poland. 2016 ; Vol. 8, No. 1. pp. 2-4.

Karioja, Pentti ; Alajoki, Teemu ; Cherchi, Matteo ; Ollila, Jyrki ; Harjanne, Mikko ; Heinilehto, Noora ; Suomalainen, Soile ; Viheriälä, Jukka ; Zia, Nouman ; Guina, Mircea ; Buczyński, Ryszard ; Kasztelaniec, Rafał ; Kujawa, Ireneusz ; Salo, Tomi ; Virtanen, Sami ; Kluczynski, Pawel ; Sagberg, Håkon ; Ratajczyk, Marcin ; Kalinowski, Przemysław. / **Multi-wavelength mid-IR light source for gas sensing**. Proc. SPIE 10110: Photonic Instrumentation Engineering IV. Vol. 10110 SPIE, 2017. (Proceedings of SPIE).

Karioja, Pentti ; Alajoki, Teemu ; Cherchi, Matteo ; Ollila, Jyrki ; Harjanne, Mikko ; Heinilehto, Noora ; Suomalainen, Soile ; Zia, Nouman ; Tuorila, Heidi ; Viheriälä, Jukka ; Guina, Mircea ; Buczynski, Ryszard ; Kasztelaniec, Rafał ; Salo, Tomi ; Virtanen, Sami ; Kluczynski, Pawel ; Borgen, Lars ; Ratajczyk, Marcin ; Kalinowski, Przemysław. / **Integrated multi-wavelength mid-IR light source for gas sensing**. Next-Generation Spectroscopic Technologies XI. SPIE, IEEE, 2018. (SPIE Conference Proceedings).

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

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

Karjalainen, Markus ; Roine, Antti ; Oksala, Niku ; Leikkala, Jukka. / **Some aspects of molecular physics in measuring tissue samples using enose for disease diagnostics**. XXI IMEKO World Congress "Measurement in Research and Industry". IMEKO-International Measurement Federation Secretariat, 2015.

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

Kärkkäinen, Hannu ; Silventoinen, Anneli. / **Different approaches of the PLM maturity concept and their use domains –analysis of the state of the art**. Product Lifecycle Management in the Era of Internet of Things: 12th IFIP WG 5.1 International Conference, PLM 2015, Doha, Qatar, October 19-21, 2015, Revised Selected Papers. Springer New York LLC, 2016. pp. 89-102 (IFIP Advances in Information and Communication Technology).

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

Katko, Tapio Sakari ; Lukka, Anna ; Rajala, Riikka. / **Tampereelta valmistuneiden vesihuoltoalan diplomi-insinöörin sijoittuminen ja odotukset yliopisto-opetukselle**. In: Vesitalous. 2015 ; No. 2. pp. 45-47.

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

Katko, Tapio S. ; Hukka, Jarmo J. / **Institutional development is the key for sustainable water services in the built environment**. Proceedings of the CIB World Building Congress 2016: Volume IV - Understanding impacts and functioning of different solutions. editor / S. Nenonen ; J-M. Junnonen. Tampere : Tampere University of Technology. Department of Civil Engineering, 2016. pp. 419-430

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

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

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

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

Katkovnik, Vladimir ; Shevkunov, Igor ; Petrov, Nikolay V. ; Eguiazarian, Karen. / **Multiwavelength surface contouring from phase-coded diffraction patterns**. Unconventional Optical Imaging 2018. Strasbourg, France. SPIE, 2018. (Proceedings of SPIE - The International Society for Optical Engineering).

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

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

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

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

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

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

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

Kekonen, Atte ; Bergelin, Mikael ; Eriksson, Jan-Erik ; Vesa, Mikko ; Johansson, Max ; Viik, Jari. / **Long-term monitoring of acute wound healing from beneath the primary wound dressings**. 2018 16th Biennial Baltic Electronics Conference (BEC). IEEE, 2018.

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

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

Kerminen, Riitta ; Wang, Chenlu ; Visa, Ari. / **Analysis on bus travel time through traffic light intersection**. ITS World Congress 2015 Proceedings: Towards Intelligent Mobility – Better Use of Space. 2015.

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

Keskinen, Jari ; Vanhala, Jukka ; Mäntysalo, Matti ; Ruuskanen, Pekka. / **Energiaomavaraiset anturiverkot**. In: Promaint. 2019 ; No. 2. pp. 24-26.

Ketola, Susanna ; Sipilä, Erja ; Pajarre, Eila ; Takala, Jarmo. / **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.

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.

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

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

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

Khan, Waqas ; Björninen, Toni ; Ukkonen, Leena ; Sydänheimo, Lauri. / **Two-turns antenna and magnetic materials for effective powering of mm-size implant in wireless brain-machine interface system**. 2015 IEEE MTT-S 2015 International Microwave Workshop Series on RF and Wireless Technologies for Biomedical and Healthcare Applications (IMWS-BIO). IEEE, 2015. pp. 103-104

Khan, Muhammad Waqas Ahmad ; Björninen, Toni ; Sydänheimo, Lauri ; Ukkonen, Leena. / **Wirelessly powered implantable system for wireless long-term monitoring of intracranial pressure**. Proceedings of IEEE 2017 International Workshop on Antenna Technology. IEEE, 2017. pp. 122-124

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

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

Kiilakoski, Jarkko ; Lukac, Frantisek ; Koivuluoto, Heli ; Vuoristo, Petri. / **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.. Vol. 336 Düsseldorf : DVS Media GmbH, 2017. pp. 928-933 (DVS-Berichte / DVS - Deutscher Verband für Schweißen und Verwandte Verfahren e.V.).

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

Kiili, Kristian ; Ojansuu, Kai ; Lindstedt, Antero ; Ninaus, Manuel. / **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. pp. 320-327

Kirjavainen, Johanna ; Mäkinen, Saku ; Sommarberg, Matti. / **The Effects of Product Line Length on Firm Performance**. 2018 Portland International Conference on Management of Engineering and Technology (PICMET). IEEE, 2018.

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

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

Kocsis, Péter ; Shevkunov, Igor ; Katkovnik, Vladimir ; Egiazarian, Karen. / **Single exposure lensless subpixel phase imaging**. Digital Optical Technologies 2019. editor / Bernard C. Kress ; Peter Schelkens. SPIE, IEEE, 2019. (Proceedings of SPIE - The International Society for Optical Engineering).

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

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

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

Köliö, Arto ; Lahdensivu, Jukka ; Pentti, Matti . / **Active corrosion phase as a service life extension of concrete facades**. Proceedings of the Eurocorr 2015, European corrosion congress. Austrian Society for Metallurgy and Materials (ASMET); EFC; DECHEMA, 2015.

Köliö, Arto ; Hohti, Harri ; Pakkala, Toni ; Laukkanen, Anssi ; Lahdensivu, Jukka ; Mattila, Jussi . / **Raudoitteiden korroosionopeuden määrittäminen betonijulkisivussa korkean aikaresoluution säädätin avulla**. Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere.. Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, 2015. pp. 195-202 (Rakennustekniikan laitos. Rakennetekniikka. Seminaarijulkaisu; 4).

Köliö, Arto ; Lahdensivu, Jukka ; Pentti, Matti. / **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. pp. 199-211

Kolisoja, Pauli ; Kalliainen, Antti ; Vuorimies, Nuutti . / **New mechanistic design approach for subgrade rutting of Low Volume Roads**. XVI ECSMGE 2015, 13-17 September 2015 - Edinburgh: Geotechnical engineering for infrastructure and development. 2015. pp. 301-306

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

Komar, Maria. / **Performance comparison of selected wired and wireless networks on chip architectures**. 2015 17TH Conference of Open Innovations Association (FRUCT). 2015. pp. 68-74 (Conference of Open Innovations Association (FRUCT)).

Komar, Maria ; Edelev, Sviatoslav ; Koucheryavy, Yevgeni. / **Handheld wireless authentication key and secure documents storage for the Internet of Everything**. Proceedings of the 18th Conference of Open Innovations Association FRUCT and Seminar on Information Security and Protection of Information Technolog, FRUCT-ISPLIT 2016. IEEE COMPUTER SOCIETY PRESS, 2016. pp. 120-130

Kontinen, Jukka ; Kramb, Jason ; DeMartini, Nikolai ; Gomez-Barea, Alberto. / **The role of inorganics in modelling of biomass gasification**. EUBCE 2017 Online Conference Proceedings. editor / L. Ek ; H. Ernrooth ; N. Scarlat ; A. Grassi ; P. Helm. ETA-Florence Renewable Energies, 2017. pp. 443-447 (European biomass conference and exhibition proceedings).

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

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

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

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

Koponen, Pekka ; Hanninen, Seppo ; Mutanen, Antti ; Koskela, Juha ; Rautiainen, Antti ; Järventausta, Pertti ; Niska, Harri ; Kolehmainen, Mikko ; Koivisto, Hannu. / **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. pp. 1-6

Kopra, Mii-Johanna ; Halonen, Nillo ; Järvenpää, Eeva ; Lanz, Minna. / **Increasing Employee Involvement in Socially Sustainable Manufacturing: Two Methods for Capturing Employees' Tacit Knowledge to Improve Manufacturing Processes**. Advances in Production Management Systems: Innovative Production Management Towards Sustainable Growth: IFIP WG 5.7 International Conference, APMS 2015, Tokyo, Japan, September 7-9, 2015, Proceedings, Part II. Springer International Publishing, 2015. pp. 539-546 (IFIP Advances in Information and Communication Technology).

Korobko, D. A. ; Zolotovskii, I. O. ; Gumenyuk, R. V. ; Fotiadi, A. A. / **Jitter suppression in passive harmonic mode-locking fiber ring laser**. Nonlinear Optics and its Applications 2020. editor / Neil G. R. Broderick ; John M. Dudley ; Anna C. Peacock. SPIE, 2020. pp. 238 - 247 (Proceedings of SPIE).

Korpela, Timo ; Kumpulainen, Pekka ; Majanne, Yrjö ; Häyrinen, Anna. / **Savukaasun NOx-päästöjen epäsuora monitorointi maakaasukäyttöisissä polttolaitoksissa**. Automaatio XXI seminaari. editor / Sirkka-Liisa Jämsä-Jounela. Suomen Automaatioseura, 2015. pp. 1-6 (SAS julkaisusarja; 44).

Korpi, M. ; Jansson, J. ; Pihlasalo, J. ; Suominen, O. ; Vilkkö, M. / **Plant-wide optimization of a copper smelter : How to do it in practice?**. Proceedings of the 10th European Metallurgical Conference, EMC 2019. Vol. 1 GDMB Verlag GmbH, 2019. pp. 95-106

Korpijärvi, Ville-Markus ; Kantola, Emmi L. ; Leinonen, Tomi ; Guina, Mircea. / **Monolithic GaInNAsSb/GaAs VECSEL emitting at 1550 nm**. SPIE conference proceedings. Vol. 9349 SPIE, 2015.

Korpijärvi, Ville-Markus ; Viheriälä, Jukka ; Aho, Antti ; Guina, Mircea. / **Single-mode 1180 nm GaInNAs/GaAs DBR laser diode for frequency doubling to 590 nm : paper CB_11_4**. 2015 European Conference on Lasers and Electro-Optics - European Quantum Electronics Conference. OSA, 2015.

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

Koskinen, Kalle ; Scherbak, Sergey ; Chervinskii, Semyon ; Lipovskii, Andrey ; Kauranen, Martti. / **Non-resonant enhancement of second-harmonic generation from metal nanoislands coated with dielectric layers**. CLEO: QELS_Fundamental Science 2018. OSA, 2018.

Kostiainen, Emma ; Nenonen, Suvi. / **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. pp. 688-701

Kotilainen, Sini (Editor) ; Hedman, Markku (Editor) ; Heikkinen, Jonna (Editor). / **Joustavat asuinympäristöt : 10 visiota aikaa kestävään kaupunkiasumiseen**. Tampere : Tampereen teknillinen yliopisto. Arkkitehtuurin laitos, 2015. 268 p. (Housing Design).

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

Kouhia, Reijo ; Holopainen, Sami ; Ottosen, Nils Saabye ; Matti, Ristinmaa ; Saksala, Timo. / **A unified lcf-hcf model based on continuum mechanics**. Paper presented at Nordic Seminar on Computational Mechanics, .4 p.

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

Kozhemiakina, Nadejda ; Lukin, Vladimir ; Ponomarenko, Nikolay ; Akulynichev, Artem ; Astola, Jaakko ; Egiazarian, Karen. / **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. pp. 153-156

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

Kraft, Thomas ; Berger, Paul ; Lupo, Donald. / **Printed and organic diodes: devices, circuits and applications**. In: Flexible and Printed Electronics. 2017 ; Vol. 2, No. 3.

Kriesi, Carlo ; Steinert, Martin ; Aalto-Setälä, Laura ; Anvik, Anders ; Balters, Stephanie ; Baracchi, Alessia ; Jensen, Bisballe Matilde ; Bjorkli, Leif Erik ; Buzzaccaro, Nicolo ; Cortesi, Dario ; D'Onghia, Francesco ; Dosi, Clio ; Franchini, Giulia ; Fuchs, Matt ; Gerstenberg, Achim ; Hansen, Erik ; Hiekkänen, Karri Matias ; Hyde, David ; Ituarte, Inigo ; Kalasniemi, Jani ; Kurikka, Joonas ; Lanza, Irene ; Laurila, Anssi ; Lee, Tik Ho ; Lonvik, Siri ; Mansikka-Aho, Anniina ; Nordberg, Markus ; Oinonen, Päivi ; Pedrelli, Luca ; Pekuri, Anna ; Rane, Enna ; Reime, Thov ; Repokari, Lauri ; Ronningen, Martin ; Rowlands, Stephanie ; Sjomán, Heikki ; Slattsveen, Kristoffer ; Strachan, Andy ; Stromstad, Kirsti ;

Suren, Stian ; Tapio, Peter ; Utriainen, Tuuli ; Vignoli, Matteo ; Vijaykumar, Saurabh ; Welo, Torgeir ; Wulvik, Andreas. / **Distributed Experiments in Design Sciences, a Next Step in Design Observation Studies?**. DS 80-2 Proceedings of the 20th International Conference on Engineering Design (ICED 15) Vol 2: Design Theory and Research Methodology Design Processes. editor / C Weber ; S Husung ; M Cantamessa ; G Cascini ; D Marjanovic ; S Venkataraman. DESIGN SOC, 2015. (International Conference on Engineering Design).

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

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

Kulya, Maksim S. ; Sokolenko, Bogdan ; Gorodetsky, Andrei ; Petrov, Nikolay V. / **Propagation dynamics of ultrabroadband terahertz beams with orbital angular momentum for wireless data transfer**. Broadband Access Communication Technologies XIV. editor / Benjamin B. Dingel ; Katsutoshi Tsukamoto ; Spiros Mikroulis. SPIE, 2020. (Proceedings of SPIE - The International Society for Optical Engineering).

Kulya, Maksim S. ; Katkovnik, Vladimir ; Egiazarian, Karen ; Petrov, Nikolay V. / **Complex-domain sparse imaging in terahertz pulse time-domain holography with balance detection**. Terahertz, RF, Millimeter, and Submillimeter-Wave Technology and Applications XIII. editor / Laurence P. Sadwick ; Tianxin Yang. SPIE, 2020. (Proceedings of SPIE).

Kumpulainen, Lauri ; Kauhaniemi, Kimmo ; Repo, Sami ; Valkealahti, Seppo ; Honkapuro, Samuli ; Partanen, Jarmo ; Koivisto-Rasmussen, Raija ; Järventausta, Pertti. / **Roadmap towards the vision of the future power system and electricity market**. CIREC Workshop 2016. Institution of Engineering and Technology, 2016.

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

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

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. pp. 91-102

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

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

Kuula, Pirjo ; Leppänen, Minna ; Kolisoja, Pauli ; Korkiala-Tanttu, Leena ; Sorvari, Jaana ; Gustavsson, Henry. / **Education on the utilization of secondary materials in earthworks**. Proceedings of the 10th International Conference on the Environmental and Technical Implications of Construction with Alternative Materials: No Gradle no Grave Circular Economy into practice. editor / Pentti Lahtinen ; Ville Raasakka. RIL - Finnish Association of Civil Engineers, 2018. pp. 177-187

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

Kuuluvainen, Heino ; Saari, Sampo ; Mensah-Attipoe, J. ; Pasanen, Pertti ; Reponen, T. ; Keskinen, Jorma. / **Triboelectric charging of fungal spores during resuspension and rebound**. EAC 2015, European Aerosol Conference, 6-11 September, 2015, Milan, Italy. 2015.

Kuuluvainen, Heino ; Karjalainen, Panu ; Saukko, Erkki ; Nousiainen, Pekka ; Karhu, Toomas ; Pirjola, Liisa ; Keskinen, Jorma ; Rönkkö, Topi. / **Diesel engine exhaust particle measurements using a particle size magnifier (PSM)**. EAC 2015, European Aerosol Conference, 6-11 September, 2015, Milan, Italy. 2015.

Kuuluvainen, Heino ; Karjalainen, Panu ; Saukko, Erkki ; Nilsson, Olav ; Sirviö, Katriina ; Ovaska, Teemu ; Niemi, Seppo ; Keskinen, Jorma ; Rönkkö, Topi. / **Different types of non-volatile nanoparticles in off-road diesel engine exhaust**. EAC 2015, European Aerosol Conference, 6-11 September, 2015, Milan, Italy. 2015.

Kuuluvainen, Heino ; Faxon, Cameron ; Psychoudaki, Magda ; Thomson, Erik S. ; Eriksson, A. ; Kristensson, A. ; Svenningsson, B. ; Mellqvist, J. ; Salo, K. ; Hallquist, Mattias. / **Measurements of particulates and gas phase precursors emissions from fresh ship plumes during the Big Glenn 2014 Campaign**. EAC 2015, European Aerosol Conference, 6-11 September, 2015, Milan, Italy. 2015.

Kuusipalo, Jurkka ; Lahti, Johanna. / **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. Vol. May-2017 TAPPI Press, 2017.

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

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

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

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

Kylliäinen, Mikko ; Hongisto, Valtteri. / **Rakennuksen ääniolosuhteiden suunnittelu ja toteutus**. Helsinki : Ympäristöministeriö, 2019. 50 p. (Ympäristöministeriön julkaisuja; 28).

Kymäläinen, Tiina ; Sahar, Farrukh ; Palviainen, Jarmo. / **White Knights of the Smart City**. Workshop Proceedings of the 10th International Conference on Intelligent Environments. editor / JC Augusto ; T Zhang. IOS Press, 2014. pp. 223-234 (Ambient Intelligence and Smart Environments).

Laak, Mikko (Editor) ; Del Barrio Batista, Juan (Editor). / **Kohti kestäväää Skanssia**. Tampereen teknillinen yliopisto. Arkkitehtuurin laitos, 2014. 87 p.

Laak, Mikko (Editor) ; Del Barrio Batista, Juan (Editor). / **Towards a sustainable Skanssi**. Tampere University of Technology, School of Architecture, 2014. 87 p.

Laak, Mikko (Editor). / **Orimattilan Henna**. Tampereen teknillinen yliopisto. Arkkitehtuurin laitos, 2014. 89 p.

Laamanen, Arto (Editor) ; Huhtala, Kalevi (Editor). / **The Fourteenth Scandinavian International Conference on Fluid Power, SICFP15 : Proceedings** . Tampere University of Technology. Department of Intelligent Hydraulics and Automation, 2015. 835 p. (Scandinavian International Conference on Fluid Power (SICFP)).

Laamanen, Arto (Editor) ; Huhtala, Kalevi (Editor). / **The Fourteenth Scandinavian International Conference on Fluid Power, SICFP15 : Abstracts**. Tampere University of Technology, Department of Intelligent Hydraulics and Automation, 2015. 100 p.

Lahtelma, Ilmari. / **Lahtelma & Mahlamäki Architects: Works**. Rakennustieto, 2014. 152 p.

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

Lahti, Johanna ; Lavonen, Juho ; Lahtinen, Kimmo ; Johansson, Petri ; Seppänen, Tarja ; Cameron, David C. / **Improved properties for packaging materials by nanoscale surface modification and ALD barrier coating**. TAPPI International Conference on Nanotechnology for Renewable Materials 2016. Vol. 2 TAPPI Press, 2016. pp. 684-706

Lahti, Johanna ; Kuusipalo, Jurkka ; Auvinen, Sanna. / **Novel equipment to simulate hot air heat sealability of packaging materials**. 16th TAPPI European PLACE Conference 2017. TAPPI Press, 2017. pp. 237-248

Lahti, Johanna ; Kamppuri, Taina ; Kuusipalo, Jurkka. / **Novel bio-based materials for active and intelligent packaging**. 16th TAPPI European PLACE Conference 2017. TAPPI Press, 2017.

Laihonen, Harri ; Sillanpää, Virpi ; Vuolle, Maiju. / **Managing intellectual liabilities by service recovery**. 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.. editor / Giovanni Schiuma ; JC Spender ; Tatiana Garvilova. IKAM - Institute of Knowledge Asset Management, 2017. pp. 1570-1583 (Proceedings IFKAD).

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

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

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

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

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

Lampio, Kaj ; Karvinen, Reijo. / **Multi-Objective Optimization of Fin Array Heat Sinks**. Thermic 2016: 22nd international workshop Thermal investigations of ICs and Systems. IEEE, 2016.

Länsivaara, Tim. / **Varmuuden kohdentaminen geotekniikassa, miten Eurokoodeja voisi kehittää?**. Geotekniikan päivä 2015. SGY, 2015.

Lappalainen, Kari ; Valkealahti, Seppo. / **Recognition of shading events caused by moving clouds and determination of shadow velocity from solar radiation measurements**. 31st European Photovoltaic Solar Energy Conference and Exhibition (31st EU PVSEC), 14– 18 September, 2015, Hamburg, Germany . 2015. pp. 1568-1573

Lappalainen, Kari ; Valkealahti, Seppo. / **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. pp. 1485-1489

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

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

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

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

Laukkarinen, Teemu. / **Abstracting Application Development for Resource Constrained Wireless Sensor Networks**. Tampere : Tampere University of Technology, 2015. 104 p. (Tampere University of Technology. Publication).

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

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

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

Lau Sarmiento, Alvaro ; Bartholomeus, Harm ; Herold, Martin ; Martius, Christopher ; Malhi, Yadvinder ; Patrick Bentley, Lisa ; Shenkin, Alexander ; Raunonen, Pasi. / **Application of terrestrial LiDAR and modelling of tree branching structure for plant- scaling models in tropical forest trees**. Proceedings of SilviLaser 2015: 14th conference on Lidar Applications for Assessing and Managing Forest Ecosystems. 2015. pp. 96-98

Le, Duc ; Ukkonen, Leena ; Björninen, Toni. / **Dual-ID headgear UHF RFID tag with broadside and end-fire patterns based on quasi-Yagi antenna**. Proceedings of IEEE Asia-Pacific Microwave Conference. IEEE, 2019. pp. 610-612

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

Applications for Solid State Lighting XIX. Vol. 9383 SPIE, 2015.

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

Lehtonen, T. ; Juuti, T. ; Vanhatalo, M. ; Kopra, M. J. ; Rättyä, Kaisu. / **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.

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

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

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

Leivo, Virpi ; Turunen, Mari ; Aaltonen, Anu ; Kiviste, Mihkel ; Pekkonen, Maria ; Haverinen-Shaughnessy, Ulla . / **Rakennusten energiatehokkuuden parantamisen vaikutukset - Insulate-projektin tuloksia.** Rakennusfysiikka 2015: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut, 20.-22-10.2015, Tampere. Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, 2015. pp. 369-380

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

Leivo, Virpi ; Aaltonen, Anu ; Turunen, Mari ; Du, Liuliu ; Kiviste, Mihkel ; Haverinen-Shaughnessy, Ulla. / **Ventilation rates and CO2-levels before and after energy retrofit in Finnish apartment buildings.** CLIMA 2016 - Proceedings of the 12th REHVA World Congress. Aalborg. Aalborg University. Department of Civil Engineering. : Volume 1. Building Retrofit. editor / Per Kvols Heiselberg. Vol. 1 Aalborg : Aalborg university, Department of Civil Engineering, 2016.

Leivo, Virpi ; Sarlin, Essi ; Suonketo, Jommi ; Pikkuvirta, Jussa ; Pentti, Matti. / **Muovipäällysteisten lattioiden vaurioituminen kosteuden vaikutuksesta.** Sisäilmastoseminaari 2019: 14.3.2019 : Sisäilmayhdistys raportti 37. SIY SISÄILMATIETO OY, 2019. pp. 383-388 (SIY Raportti; 37).

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

Lepistö, Timo (Editor). / **Life Beyond the Binary Code : Select Prose and Poetry.** Tampere University of Technology, Language Center, 2014. 79 p.

Leppänen, A. ; Välimäki, E. ; Oksanen, A. / **Simulation of ash-forming compounds in the kraft recovery boiler.** 10th European Conference on Industrial Furnaces and Boilers. Porto, Portugal, 2015.

Leppänen, Marko. / **Two patterns for minimizing human resources in a startup.** VikingPLoP 2014 Proceedings of the 8th Nordic Conference on Pattern Languages of Programs (VikingPLoP) . ACM, 2014.

Leppänen, Aino ; Välimäki, Erkki. / **Improving Recovery Boiler Availability through Understanding Fume Behavior.** TAPPI PEERS Conference Proceedings, October 25-28, 2015. Atlanta, Georgia : TAPPI, 2015.

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

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

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

Lietzen, Jesse ; Miettinen, Juha ; Kylliäinen, Mikko ; Pajunen, Sami. / **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. Hersonissos, Crete, Greece : European Acoustic Association EAA, 2018. pp. 1617-1622 (Proceedings : European Conference on Noise Control).

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

Liimatainen, Heikki. / **Liikenteen päästövähennykset - kaikki keinot käyttöön**. In: Rakennustekniikka. 2020 ; Vol. 76, No. 1. pp. 28-31.

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

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

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

Linna, Marko ; Kannala, Juho ; Rahtu, Esa. / **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. Vol. 5 SCITEPRESS, 2018. pp. 335-342

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

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

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

Loukola-Ruskeeniemi, Kirsti (Editor) ; Lonka, Harriet (Editor) ; Ehrukainen, Eija ; Gustafsson, Juhani ; Honkanen, Mika ; Härmä, Paavo ; Jauhiainen, Pekka ; Kuula, Pirjo ; Nenonen, Keijo ; Pellinen, Terhi ; Rintala, Jari ; Selonen, Olavi ; Martikainen, Mikko ; Aalto, Mika. / **Kiviaines- ja luonnonkiviteollisuuden kehitysnäkymät**. Helsinki : Työ- ja elinkeinoministeriö, 2015. 72 p. (Työ- ja elinkeinoministeriön julkaisuja; 54).

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

Ma, Shubin ; Pournoori, Nikta ; Sydänheimo, Lauri ; Ukkonen, Leena ; Björninen, Toni ; Georgiadis, Apostolos. / **A Batteryless Semi-Passive RFID Sensor Platform**. 2019 IEEE International Conference on RFID Technology and Applications (RFID-TA). IEEE, 2019. pp. 171-173

Ma, Shubin ; Sydänheimo, Lauri ; Ukkonen, Leena ; Björninen, Toni. / **Electrically small UHF RFID tag antenna based on an inductively coupled resonant LC tank**. Proceedings of the 2019 IEEE Asia-Pacific Microwave Conference, APMC 2019. IEEE, 2019.

Machado, Marcelo ; Verghese, George ; Peltola, Tero. / **Massive Open Online Research : An approach to deal with wicked problems**. PICMET 14 Conference, Portland International Center for Management of Engineering and Technology: Infrastructure and Service Integration. Portland : The Institute of Electrical and Electronics Engineers, Inc., 2014. pp. 236-242

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

Madhala, Prashanth ; Jussila, Jari ; Aramo-Immonen, Heli ; Suominen, Anu. / **Systematic literature review on customer emotions in social media**. ECSM - Proceedings of the 5th European Conference on Social Media. editor / Vincent Cunnane ; Niall Corcoran. Limerick, Ireland, 2018.

Mäenpää, Sari ; Breite, Rainer . / **Social capital in hybrid governance - Case study in a global subcontracting process**. Proceedings of the 24th Annual IPSERA Conference Preparing for new competitive challenges, March 29-April 1, Amsterdam, the Netherlands. IPSERA, 2015.

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

Mahlamäki, Tommi ; Valkeinen, Teija ; Myllärniemi, Jussi ; Hellsten, Pasi ; Repo, Santeri. / **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. IATED, 2017. pp. 6401-6405 (Edulearn proceedings).

Majanne, Yrjö ; Korpela, Timo ; Judl, Jáchym ; Koskela, Sirkka ; Laukkanen, Ville ; Häyrynen, Anna ; Salminen, Olli. / **Voimalaitosten reaaliaikainen ympäristövaikutusten monitorointi**. Automaatio XXI seminaari. editor / Sirkka-Liisa Jämsä-Jounela. Suomen Automaatioseura, 2015. pp. 1-6 (SAS julkaisusarja; 44).

Majuri, Matti ; Lanz, Minna. / **Social capital characteristics in RD project networks**. 2018 Portland International Conference on Management of Engineering and Technology (PICMET). IEEE, 2018.

Mäkelä, Ari-Mikko ; Ali-Löytty, Simo ; Humaloja, Jukka-Pekka ; Joutsenlahti, Jorma ; Kauhanen, Janne ; Kaarakka, Terhi. / **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.

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

Mäkinen, S.J. / **Internet-of-things disrupting business ecosystems : A case in home automation**. IEEM 2014: 2014 IEEE International Conference on Industrial Engineering and Engineering Management. IEEE COMPUTER SOCIETY PRESS, 2015. pp. 1467-1470

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

Mäkitalo, Jouni. / **Boundary Integral Operators in Linear and Second-order Nonlinear Nano-optics**. Tampere University of Technology, 2015. 73 p. (Tampere University of Technology. Publication).

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

Malaska, Mikko ; Aaltonen, Anu ; Lehto, Lauri. / **Paloturvallisuuden huomiointi ja asenteet nykyaikaisessa älyrakentamisessa**. Spek Puheenvuoroja 6. Helsinki : SUOMEN PELASTUSALAN KESKUSJÄRJESTÖ RY., 2019. (SPEK Puheenvuoroja).

Malaska, Mikko ; Cashell, Katherine ; Alanen, Mika ; Mela, Kristo ; Afshan, Sheida. / **Experimental behaviour of stainless steel cellular beam in fire**. Special Issue: Proceedings of Nordic Steel 2019: Wiley Online Library. editor / Dirk Jesse. Vol. 3 Berlin : Wilhelm Ernst und Sohn, 2019. pp. 901-906 (ce/papers).

Malaska, Mikko ; Alanen, Mika ; Cabova, Kamila ; Liskova, Nikola ; Mela, Kristo ; Pajunen, Sami ; Wald, Frantisek. / **Experimental study on temperature distribution of sandwich panel joints in fire**. Proceedings of Nordic Steel 2019: CE/papers Special Issue. Vol. 3 Wilhelm Ernst und Sohn, 2019. pp. 695-700 (CE/papers).

Mäntysalo, Matti ; Vuorinen, Tiina ; Jeyhani, Vala ; Vehkaoja, Antti. / **Printed soft-electronics for remote body monitoring**. Hybrid Memory Devices and Printed Circuits 2017: SPIE Organic Photonics + Electronics | 6-10 August 2017. SPIE, 2017. (SPIE Conference Proceedings).

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

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

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

Mari, Turunen ; Leivo, Virpi ; Pekkonen, Maria ; Aaltonen, Anu ; Kiviste, Mihkel ; Haverinen-Shaughnessy, Ulla. / **Sisäympäristön laadun ja terveellisuuden arviointi energiaparannuskohteissa**. Sisäilmastoseminaari 2016, Sisäilmayhdistys raportti 34. SIY SISÄILMATIETO OY, 2016. pp. 13-18

Markkula, Joni ; Vilppo, Olli ; Järventausta, Pertti ; Hakala, Tomi ; Lähdeaho, Tommi. / **Profitability of different li-ion batteries as back-up power in LVDC distribution network**. CIRED Workshop 2016. 2016.

Markopoulos, Evangelos ; Vanharanta, Hannu . / **The Company Democracy Model for the Development of Intellectual Human Capitalism for Shared Value**. 6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015) and the Affiliated Conferences, AHFE 2015. Elsevier, 2015. pp. 603-610 (Procedia Manufacturing).

Markopoulos, Evangelos ; Vanharanta, Hannu. / **The World Innovation Stock Exchange- shared value for individuals, business and society**. 6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015) and the Affiliated Conferences, AHFE 2015. Elsevier, 2015. pp. 595-602 (Procedia Manufacturing).

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

Martinsuo, Miia ; Kivilä, Jesse ; Heikkilä, Jussi. / **Creating sustainable value in manufacturing operations: the role of an external service provider**. 22nd EurOMA Conference: Operations management for sustainable competitiveness. Switzerland : European Operations Management Association, 2015.

Martinsuo, Miia ; Ahvenniemi, Olli ; Vaittinen, Eija. / **Changes in operations when introducing disruptive technologies**. 22nd EurOMA Conference: Operations management for sustainable competitiveness. Switzerland : European Operations Management Association, 2015.

Martinsuo, Miia ; Sukanen, Ilmari ; Kivilä, Jesse . / **Defining product end-of-life strategies in new product development**. 23rd Nordic Academy of Management Conference NFF 2015- Business in society: NFF 2015. Nordic Academy of Management, 2015.