

Viheriälä, Jukka ; Aho, Antti ; Virtanen, Heikki ; Koskinen, Mervi ; Dumitrescu, Mihail ; Guina, Mircea. / **1180 nm GaInNAs quantum well based high power DBR laser diodes**. High-Power Diode Laser Technology XV. editor / Mark S. Zediker. SPIE, 2017. (Proceedings of SPIE).

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.

Viheriälä, Jukka ; Tuorila, Heidi ; Zia, Nouman ; Cherchi, Matteo ; Aalto, Timo ; Guina, Mircea. / **1.3µm U-bend traveling wave SOA devices for high efficiency coupling to silicon photonics**. Silicon Photonics XIV. editor / Graham T. Reed ; Andrew P. Knights. SPIE, IEEE, 2019. (Proceedings of SPIE - The International Society for Optical Engineering).

Mereuta, Alexandru ; Nechay, Kostiantyn ; Caliman, Andrei ; Suruceanu, Grigore ; Gallo, Pascal ; Guina, Mircea ; Kapon, Eli. / **1.55-µm wavelength wafer-fused OP-VECSELs in flip-chip configuration**. Vertical External Cavity Surface Emitting Lasers (VECSELs) IX. editor / Ursula Keller. SPIE, IEEE, 2019. (Proceedings of SPIE - The International Society for Optical Engineering).

Niemi, Henry ; Kylliäinen, Mikko ; Jäppinen, Jere ; Lindqvist, Mikko. / **1800-luvun Helsingin kadonneiden konserttitilojen akustiikan mallintaminen**. Akustiikkapäivät 2015. Kuopio, 2015. pp. 77-82 (Akustiikkapäivät).

Schwarz, Sebastian ; Hannuksela, Miska M. ; Fakour-Sevom, Vida ; Sheikhi-Pour, Nahid. / **2D Video Coding of Volumetric Video Data**. 2018 Picture Coding Symposium, PCS 2018 - Proceedings. IEEE, 2018. pp. 61-65

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

Yadav, Amit ; Chichkov, Nikolay B. ; Gumenyuk, Regina ; Zhereptsov, Evgeny ; Melkumov, Mikhail A. ; Yashkov, Mikhail V. ; Dianov, Evgeny M. ; Rafailov, Edik U. / **405-nm pumped Ce³⁺-doped silica fiber for broadband fluorescence from cyan to red**. Optical Components and Materials XVI. editor / Michel J. F. Digonnet ; Shubin Jiang. SPIE, IEEE, 2019. (Proceedings of SPIE - The International Society for Optical Engineering).

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.

Wang, Yicheng ; Zhao, Yongguang ; Pan, Zhongben ; Suomalainen, Soile ; Härkönen, Antti ; Guina, Mircea ; Griebner, Uwe ; Wang, Li ; Loiko, Pavel ; Mateos, Xavier ; Chen, Weidong ; Petrov, Valentin. / **73-fs SESAM mode-locked Tm,Ho:CNGG laser at 2061 nm**. Solid State Lasers XXIX: Technology and Devices. editor / W. Andrew Clarkson ; Ramesh K. Shori. SPIE, 2020. (Proceedings of SPIE - The International Society for Optical Engineering).

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

Saarinen, Esa J. ; Lyytikäinen, Jari ; Ranta, Sanna ; Rantamäki, Antti ; Saarela, Antti ; Sirbu, Alexei ; Iakovlev, Vladimir ; Kapon, Eli ; Okhotnikov, Oleg G. / **A 1.5-W frequency doubled semiconductor disk laser tunable over 40 nm at around 745 nm**. Proceedings of SPIE: Vertical External Cavity Surface Emitting Lasers (VECSELs) VI. Vol. 9734 SPIE, 2016. (Spie conference proceedings).

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

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

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

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

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).

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

Messo, Tuomas ; Roinila, Tomi ; Aapro, Aapo ; Luhtala, Roni. / **Accurate impedance model of grid-connected inverter for small-signal stability assessment in high-impedance grid**. In: IEEE JOURNAL OF INDUSTRY APPLICATIONS. 2019 ; Vol. 8, No. 3. pp. 488-496.

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.

Vehmas, Risto ; Jylhä, Juha ; Väilä, Minna ; Kylmälä, Jarkko. / **A computationally feasible optimization approach to inverse SAR translational motion compensation**. Proceedings of the 12th European Radar Conference (EuRAD 2015). IEEE, 2015. pp. 17-20

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.

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).

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

Stepanova, Ekaterina ; Kudryavtsev, Ilya ; Lohan, Elena-Simona. / **Acquisition of E5 Galileo signals in Matlab**. In: Procedia Engineering. 2015 ; Vol. 104. pp. 36-42.

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.

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).

Voronin, V. ; Pismenskova, M. ; Zelensky, A. ; Cen, Yigang ; Nadykto, A. ; Egiazarian, K. / **Action recognition using the 3D dense microblock difference**. Counterterrorism, Crime Fighting, Forensics, and Surveillance Technologies II. SPIE, 2018. (Proceedings of SPIE).

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.

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

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.

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).

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.

Matikainen, Ville ; Koivuluoto, Heli ; Milanti, Andrea ; Vuoristo, Petri. / **Advanced coatings by novel high-kinetic thermal spray processes**. In: Materia. 2015 ; Vol. 73, No. 1. pp. 46-50.

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

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).

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

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

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.

Vainio, Ville V. ; Pulkkinen, Antti. / **A follow-up case study of the relation of PLM Architecture, Maturity and Business processes**. Product Lifecycle Management in the Era of Internet of Things: 12th IFIP WG 5.1 International Conference, PLM 2015, Doha, Qatar, October 19-21, 2015, Revised Selected Papers. Springer New York LLC, 2016. pp. 867-873 (IFIP Advances in Information and Communication Technology).

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).

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

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.

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

Salo, Juha ; Huttunen, Petteri ; Vinha, Juha. / **Alipaineistetun tuulettuvan ryömintätilan rakennusfysikaaliset FEM-simuloinnit**. Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24-26.10.2017, Tampere. editor / Juha Vinha ; Henna Kivioja. Vol. 2 Tampere : Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, 2017. pp. 413-422 (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.).

Rojas, Vania ; Martinez, Francisco ; Bernede, Jean Christian ; Guenadez, Linda Cattin ; Efimov, Alexander ; Lemmetyinen, Helge. / **Alkyl thiophene vinylene electropolymerization in C8mimPF6, potential use in solar cells**. In: Materials Sciences and Applications. 2017 ; Vol. 8, No. 5. pp. 405-417.

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).

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.

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

Nykänen, Lasse ; Kallionpää, Erika ; Liimatainen, Heikki. / **Älykäs kaupunkilogistiikka – CityLog**. Tampereen teknillinen yliopisto. Liikenteen tutkimuskeskus Verne., 2015. 20 p. (Tampereen teknillinen yliopisto. Liikenteen tutkimuskeskus Verne. Tutkimusraportti).

Salo, Markus ; Pirkkalainen, Henri. / **Älylaitteet ja stressi: Aiheuttajat, seuraukset ja hallintakeinot**. Lapset, nuoret ja älylaitteet - Taiten tasapainoon. editor / S. Kosola ; M. Moisala ; P. Ruokoniemi. KUSTANNUS OY DUODECIM, 2019. pp. 79-90

Phung, Hoy My ; Kahle, Hermann ; Penttinen, Jussi-Pekka ; Rajala, Patrik ; Ranta, Sanna ; Guina, Mircea. / **A membrane external-cavity surface-emitting laser (MECSEL) with emission around 825 nm**. Vertical External Cavity Surface Emitting Lasers (VECSELs) X. editor / Jennifer E. Hastie. SPIE, 2020. (Proceedings of SPIE - The International Society for Optical Engineering).

Van Mellaert, R. ; Mela, K. ; Tiainen, T. ; Heinisuo, M. ; Lombaert, G. ; Schevenels, M. / **A mixed-integer linear programming approach for global discrete size optimization of frame structures**. ECCOMAS Congress 2016 - Proceedings of the 7th European Congress on Computational Methods in Applied Sciences and Engineering: Crete; Greece; 5 June 2016 through 10 June 2016. Vol. 2 National Technical University of Athens, 2016. pp. 3395-3408

Salpavaara, Timo ; Lekkala, Jukka. / **A model based analysis of the measurement errors in inductively coupled passive resonance sensors**. IMEKO XXI World Congress, Proceedings, August 30 - September 4, 2015, Prague, Czech Republic. editor / Jan Holub. 2015.

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

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).

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

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

Peng, Zhe ; Richter, Philipp ; Leppäkoski, Helena ; Lohan, Elena-Simona. / **Analysis of Crowdsensed WiFi Fingerprints for Indoor Localization**. Proceedings of the 21st Conference of Open Innovations Association FRUCT. Helsinki, Finland : FRUCT, 2017. pp. 268-277

Sheikh, Muhammad Usman ; Lempiainen, Jukka. / **Analysis of outdoor and indoor propagation at 15 GHz and millimeter wave frequencies in microcellular environment**. In: Advances in Science, Technology and Engineering Systems. 2018 ; Vol. 3, No. 1. pp. 160-167.

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

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.

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 S P I E - International Society for Optical Engineering, 2019. (Proceedings of SPIE : the International Society for Optical Engineering).

Monakhov, Dmitrii ; Naik, Deepa ; Curcio, Igor D. D. ; Toukoma, Henri. / **Analysis of User Exploration Patterns during Scene Cuts in Omnidirectional Videos**. SMPTE 2018. SMPTE, 2018.

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.

Yaghoubi, Saba Tahaei ; Hartikainen, Juha ; Kolari, Kari ; Kouhia, Reijo. / **An anisotropic continuum damage model for concrete**. 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. 51

Rajput, Shailendra ; Averbukh, Moshe ; Yahalom, Asher ; Minav, Tatiana. / **An approval of MPPT based on pv cell's simplified equivalent circuit during fast-shading conditions**. In: Electronics (Switzerland). 2019 ; Vol. 8, No. 9.

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

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).

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.

Suojanen, Marko ; Kuikka, Vesa ; Nikkarila, Juha Pekka ; Nurmi, Jari. / **An example of scenario-based evaluation of military capability areas An impact assessment of alternative systems on operations**. 9th Annual IEEE International Systems Conference, SysCon 2015 - Proceedings. The Institute of Electrical and Electronics Engineers, Inc., 2015. pp. 601-607

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

Rivero-Rodriguez, Alejandro ; Pileggi, Paolo ; Nykänen, Ossi. / **An Initial Homophily Indicator to Reinforce Context-Aware Semantic Computing**. 7th International Conference on Computational Intelligence, Communication Systems and Networks (CICSyN). Riga : IEEE, 2015. pp. 89-93 (International Conference on Computational Intelligence, Communications and Networks).

Nurminen, Henri ; Ardeshiri, Tohid ; Piche, Robert ; Gustafsson, Fredrik. / **A NLOS-robust TOA positioning filter based on a skew-t measurement noise model**. 2015 International Conference on Indoor Positioning and Indoor Navigation (IPIN). IEEE, 2015. pp. 1-7

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).

Palanivel, Suresh ; Murugesan, Akshaya ; Yli-Harja, Olli ; Kandhavelu, Meenakshisundaram. / **Anticancer activity of THMP : Downregulation of PI3K/ S6K1 in breast cancer cell line**. In: Saudi Pharmaceutical Journal. 2020 ; Vol. 28, No. 4. pp. 495-503.

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

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)).

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

Saari, M. ; Mäkinen, T. ; Linna, P. / **Applying third-party moocs in programming education: a case study**. 9th International Conference on Education and New Learning Technologies: 3-5 July, 2017 Barcelona, Spain. Barcelona, Spain : IATED, 2017. pp. 53-59

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

Tewfik, Magdy ; Amr, Alia'a. / **Arbitrary Land Use Policy in Jordan between Legal Brand and Property Control**. In: European International Journal of Science and Technology. 2014 ; Vol. 3, No. 9. pp. 86-93.

Taibi, Davide ; Lenarduzzi, Valentina ; Pahl, Claus. / **Architectural patterns for microservices : A systematic mapping study** . CLOSER 2018 - Proceedings of the 8th International Conference on Cloud Computing and Services Science. SCITEPRESS, 2018. pp. 221-232

Passinmäki, Pekka . / **Architecture beyond signs and symbols : Zumthor's response to the problems of aesthetics**. In: ARQ-Architectural Research Quarterly. 2016 ; Vol. 19, No. 4. pp. 325-328.

Iarovy, 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

Takala, Annina ; Korhonen-Yrjänheikki, Kati. / **Are Finns walking the talk? : Examining the national collaboration process on engineering education for sustainable development five years later**. Conference on Engineering Education for Sustainable Development (7th : 2015 : Vancouver, B.C.). 2015.

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.

Tartia, Jani . / **Arkinen liikkuminen kontekstina kaupunkitilan tarkasteluun**. In: Versus. 2015.

Silverajan, B. ; Zhao, Hanning ; Kamath, Arjun. / **A Semantic Meta-Model Repository for Lightweight M2M**. 2018 IEEE International Conference on Communication Systems, ICCS 2018. IEEE, 2019. pp. 468-472

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).

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

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

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.

Saari, Ulla ; Venesaar, Urve ; Ojasoo, Merle ; Mäkinen, Saku ; Nokelainen, Petri. / **Assessing sustainability orientations of first year university students**. 79th Annual Meeting of the Academy of Management Proceedings: Symposium on Reported Impacts of Sustainability in Management Education and Engagement, August 9-13, 2019, Boston, Massachusetts, USA. Academy of Management, 2019. pp. 1-8 (Academy of management proceedings).

Saari, Ulla ; Aarikka-Stenroos, Leena ; Boedeker, Stina ; Köppä, Leena ; Langwaldt, Jörg. / **Assessing the usefulness of an early idea development tool among experienced researchers**. In: CERN IdeaSquare Journal of Experimental Innovation . 2017 ; Vol. 1, No. 2. pp. 3-8.

Sheikh, Muhammad ; Biswas, Ritayan ; Lempiainen, Jukka ; Jantti, Riku. / **Assessment of Coordinated Multipoint Transmission Modes for Indoor and Outdoor Users at 28 GHz in Urban Macrocellular Environment**. In: Advances in Science, Technology and Engineering Systems Journal (ASTESJ). 2019 ; Vol. 4, No. 2. pp. 119-126.

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).

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.

D'Ignazio, Marco ; Di Buo, Bruno ; Lämsivaara, 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

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

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

Prudanov, Anton ; Tkachev, Sergey ; Golos, Nikolay ; Masek, Pavel ; Hosek, Jiri ; Fujdiak, Radek ; Zeman, Krystof ; Ometov, Aleksandr ; Bezzateev, Sergey ; Voloshina, Natalia ; Andreev, Sergey ; Misurec, Jiri. / **A trial of yoking-proof protocol in RFID-based smart-home environment.** Distributed Computer and Communication Networks - 19th International Conference, DCCN 2016, Revised Selected Papers. Vol. 678 Springer Verlag, 2016. pp. 25-34 (Communications in Computer and Information Science).

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

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.

Pöllänen, Markus ; Nykänen, Lasse. / **Automated driving and the key megatrends of future.** ITS European Congress: 10th ITS EUROPEAN CONGRESS, Helsinki, Finland 16-19 June 2014. 2014.

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.

Mimilakis, Stylianos - Ioannis ; Drossos, Konstantinos ; Floros, Andreas ; Katerelos, Dionisios. / **Automated Tonal Balance Enhancement for Audio Mastering Applications.** Audio Engineering Society Convention 134. AES Audio Engineering Society, 2013.

Zare, Marzieh ; Neeli-Venkata, Ramakanth ; Martins, Leonardo ; Peltonen, Sari ; Ruotsalainen, Ulla ; Ribeiro, Andre S. / **Automatic Classification of Z-ring Formation Stages at the Single Cell Level in Escherichia Coli by Machine Learning.** Proceedings of the 10th International Joint Conference on Biomedical Engineering Systems and Technologies, Vol 2: Bioimaging. editor / M Silveira ; A Fred ; H Gamboa ; M Vaz. SCITEPRESS, 2017. pp. 72-76

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.

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.

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

Salo, Kari ; Giova, Diana ; Mikkonen, Tommi. / **Backend infrastructure supporting audio augmented reality and storytelling** . Human Interface and the Management of Information: Applications and Services: 18th International Conference, HCI International 2016 Toronto, Canada, July 17-22, 2016. Proceedings, Part II. Springer Verlag, 2016. pp. 325-335 (Lecture Notes in Computer Science).

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).

Värri, Alpo. / **Balancing Expectations to the Health Software Production Process Standard.** The 3rd International Virtual Research Conference In Technical Disciplines. 2015. (RCITD - Proceedings in Research Conference in Technical Disciplines).

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

Tariq, Ali Bin. / **Beaconing in a highway scenario : Vulnerable vehicles problem.** Proceedings of the 11th Conference of Open Innovations Association FRUCT, FRUCT 2012. Vol. 2012-April IEEE, 2012. pp. 169-175

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

Tuominen, Eero ; Vinha, Juha ; Raunima, Tuomas. / **Behavior of capacitive humidity sensors in monitoring the drying of concrete walls.** In: MATEC Web of Conferences. 2019 ; Vol. 282.

Michele Felicetti, Alberto ; Ammirato, Salvatore ; Raso, Cinzia ; Aramo-Immonen, Heli ; Jussila, Jari . / **Being a start-upper in Italy : Motivations, obstacles and success factors.** Proceedings of the 11th forum on knowledge asset dynamics: Towards a new architecture of knowledge: big data, culture and creativity. Dresden, 2016. pp. 1370-1383

Viheriäkoski, Toni ; Kohtamäki, Jari ; Peltoniemi, Terttu ; Tamminen, Pasi. / **Benchmarking of Factory Level ESD Control.** Electrical Overstress/Electrostatic Discharge Symposium Proceedings 2015. Vol. 2015 USA : IEEE COMPUTER SOC, 2015.

Zakeri, Faezeh Sadat ; Bätz, Michel ; Jaschke, Tobias ; Keinert, Joachim ; Chuchvara, Alexandra. / **Benchmarking of several disparity estimation algorithms for light field processing.** Fourteenth International Conference on Quality Control by Artificial Vision. editor / Stephane Bazeille ; Nicolas Verrier ; Christophe Cudel. SPIE, IEEE, 2019. (Proceedings of SPIE - The International Society for Optical Engineering).

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

Vänttinen, Kari ; Tuominen, Eero ; Vinha, Juha. / **Betonin kosteusteknisten materiaaliominaisuuksien määrittäminen.** Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere. editor / Juha Vinha ; Henna Kivioja. Vol. 2 Tampere : Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, 2017. pp. 461-470 (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.).

Ratia, Milla ; Myllärniemi, Jussi. / **Beyond ic 4.0 : the future potential of bi-tool utilization in the private healthcare**. 13th International Forum on Knowledge Asset Dynamics, IFKAD 2018: Delft, Netherlands, 4-6 July 2018. 2018. (Proceedings IFKAD).

Reyes, G. ; Lundahl, M. ; Borghei, M. ; King, A.W.T. ; Lahti, J. ; Rojas, O.J. / **Biocated nanofibrilated films and yarns via ionic liquids**. In: *Celulosa Y Papel*. 2019 ; Vol. 35, No. 4. pp. 18-20.

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

Naumenko, V. ; Solodovnik, V. ; Totsky, A. ; Zelensky, A. ; Astola, J. / **Bispectrum-based demodulation technique using triple-channel heterodyning of triplet-signal**. 2015 Second International Scientific-Practical Conference Problems of Infocommunications Science and Technology (PIC S&T). IEEE, 2015. pp. 224-226

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.

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).

Toenger, S. ; Godin, T. ; Billet, C. ; Dias, F. ; Erkintalo, M. ; Genty, G. ; Dudley, J. M. / **Breathers Emergence in Spontaneous Modulation Instability**. European Quantum Electronics Conference 2015. Optical Society of America (OSA), 2015.

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

Sorri, Jaakko ; Heljo, Juhani ; Järventausta, Pertti ; Honkapuro, Samuli ; Harsia, Pirkko. / **Building Codes and Demand Response of Energy Use**. Proceedings of the CIB World Building Congress 2016: Volume IV: Understanding Impacts and Functioning of Different Solutions. editor / Suvi Nenonen ; Juha-Matti Junnonen. Vol. 4 Tampere University of Technology. Department of Civil Engineering, 2016. pp. 8-21

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

Spruijt-Metz, Donna ; Hekler, Eric ; Saranummi, Niilo ; Intille, Stephen ; Korhonen, Ilkka ; Nilsen, Wendy ; Rivera, Daniel E. ; Spring, Bonnie ; Michie, Susan ; Asch, David A. ; Sanna, Alberto ; Salcedo, Vicente Traver ; Kukakfa, Rita ; Pavel, Misha. / **Building new computational models to support health behavior change and maintenance : new opportunities in behavioral research**. In: *Translational Behavioral Medicine*. 2015 ; Vol. 5, No. 3. pp. 335-346.

Ratia, Milla ; Myllärniemi, Jussi. / **Business analytics enabling future insights in the private healthcare**. Proceedings of 14th IFKAD 2019 conference: Matera, Italy, 5-7 June, 2019. IKAM Centro Studi & Ricerche, 2019. (Proceedings IFKAD).

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.

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

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).

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

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

Annila, 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

Toivari, Eeva ; Manninen, Tiina ; Nahata, Amit K. ; Jalonen, Tuula O. ; Linne, Marja-Leena. / **Calcium signaling in astrocytes: modeling Fura-2AM measurements**. In: Frontiers in Neuroscience. 2010.

Tuominen, Eero ; Vinha, Juha. / **Calculation method to determine capillary properties of building materials with automatic free water intake test**. In: MATEC Web of Conferences. 2019 ; Vol. 282.

Nenonen, Suvi ; Eriksson, Robert ; Niemi, Olli ; Junghans, Antje ; Nielsen, Susanne Balslev ; Lindahl, Göran. / **Campus retrofitting (CARE) methodology: a way to co-create future learning environments**. Proceedings of the 20th CIB World Building Congress 2016: May 30-June 3, 2016, Tampere, Finland. 2016. pp. 738-749

Yli-Hietanen, Jari ; Ylipää, Antti ; Yli-Harja, Olli. / **Cancer research in the era of next-generation sequencing and big data calls for intelligent modeling**. In: Chinese Journal of Cancer. 2015 ; Vol. 34, No. 10.

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

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

Sorsa, Aki ; Santa-aho, Suvi ; Aylott, Christopher ; Shaw, Brian ; Vippola, Minnamari ; Leiviskä, Kauko. / **Case depth prediction of nitrided components**. 12th International Conference on Barkhausen Noise and Micromagnetic Testing. ICBM, 2017. pp. 65-72

Matikainen, Ville ; Rubio, Silvia ; Ojala, Niko ; Koivuluoto, Heli ; Schubert, Jan ; Houdková, Sarka ; Vuoristo, Petri. / **Cavitation erosion, slurry erosion and solid particle erosion performance of metal matrix composite (MMC) coatings sprayed with modern high velocity thermal spray processes**. Materials Science and Technology Conference and Exhibition 2017, MS and T 2017: October 8-12, 2017, Pittsburgh, Pennsylvania USA. Vol. 2 Association for Iron and Steel Technology, AISTECH, 2017. pp. 1161-1163

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.).

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

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).

Puolitaival, Taija ; Forsythe, Perry ; Kähkönen, Kalle. / **Challenges Facing BIM Education : Development of Appropriate Teaching and Learning Resources**. RICS COBRA AUBEA 2015: The Construction, Building and Real Estate Research Conference of the Royal Institution of Chartered Surveyors . London : Royal Institution of Chartered Surveyors, 2015.

Myllärniemi, Jussi ; Helander, Nina ; Pekkola, Samuli. / **Challenges in developing data-based value creation**. 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. 370-376 (IC3K 2019 - Proceedings of the 11th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management).

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

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.

Pulkkinen, Antti ; Huhtala, Petri ; Leino, Simo-Pekka ; Anttila, Juha Pekka ; Vainio, Ville V. / **Characterising the industrial context of engineering change management**. Product Lifecycle Management in the Era of Internet of Things: 12th IFIP WG 5.1 International Conference, PLM 2015, Doha, Qatar, October 19-21, 2015, Revised Selected Papers. Springer New York LLC, 2016. pp. 618-627 (IFIP Advances in Information and Communication Technology).

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

Väättäjä, Heli. / **Characterizing the Context of Use in Mobile Work**. Human Work Interaction Design. Work Analysis and Interaction Design Methods for Pervasive and Smart Workplaces: 4th IFIP 13.6 Working Conference, HWID 2015, London, UK, June 25-26, 2015, Revised Selected Papers. Springer Verlag, 2015. pp. 97-113 (IFIP Advances in Information and Communication Technology).

Tamminen, Pasi ; Viheriäkoski, Toni. / **Charged cable-system ESD event**. 2016 38th Electrical Overstress/Electrostatic Discharge Symposium (EOS/ESD). IEEE, 2016.

Viheriäkoski, Toni ; Kärjä, Eira ; Hillberg, Jukka ; Tamminen, Pasi. / **Charge relaxation of slowly dissipative polymers**. 2016 38th Electrical Overstress/Electrostatic Discharge Symposium (EOS/ESD). IEEE, 2016. pp. 1-9

Michalas, Antonis ; Kiss, Tamas. / **Charlie and the CryptoFactory : Towards Secure and Trusted Manufacturing Environments**. 20th IEEE Mediterranean Electrotechnical Conference, MELECON 2020: Proceedings. IEEE, 2020. pp. 141-146 (IEEE Mediterranean Electrotechnical Conference).

Rizwan, Muhammad ; Rahmat-Samii, Yahya ; Ukkonen, Leena. / **Circularly Polarized Textile Antenna For 2.45 GHz.** Circularly Polarized Textile Antenna For 2.45 GHz. IEEE, 2015. pp. 51-52

Ramis Ferrer, Borja. / **Classification of Knowledge Representation Implementations in the Manufacturing Systems Domain** . Open Knowledge-Driven Manufacturing & Logistics: The eScop Approach. editor / S. Strzelczak ; Pavel Balda ; Marco Garetti ; Andrei Lobov. Warsaw University of Technology Publishing House, 2015. pp. 235-244

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

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

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

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).

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.

Teymouri, Shokoufeh ; Calejo, Maria Teresa ; Hiltunen, Maiju ; Sorkio, Anni E. ; Juuti-Uusitalo, Kati ; Skottman, Heli ; Kellomäki, Minna. / **Collagen-immobilized polyimide membranes for retinal pigment epithelial cell adherence and proliferation.** In: Cogent Chemistry. 2017 ; Vol. 3, No. 1.

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.

Murayama, Mizuki ; Oguro, Daisuke ; Kikuchi, Hisakazu ; Huttunen, Heikki ; Ho, Yo Sung ; Shin, Jaeho. / **Color-distribution similarity by information theoretic divergence for color images.** 2016 Asia-Pacific Signal and Information Processing Association Annual Summit and Conference, APSIPA 2016. IEEE, 2017.

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

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.

Solomitckii, D. ; Semkin, V. ; Naderpour, R. ; Ometov, A. ; Andreev, S. / **Comparative evaluation of radio propagation properties at 15 GHz and 60 GHz frequencies.** 2017 9th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT). IEEE, 2017. pp. 91-95

Munir, M. W. ; Shahid, N. ; Omair, S. M. ; Munir, G. ; Ul-Haque, M. Z. / **Comparative investigation of remote tracking devices for aging care**. In: INTERNATIONAL JOURNAL OF INFORMATION TECHNOLOGY. 2017 ; Vol. 9, No. 3. pp. 261-266.

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).

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).

Ruusala, Annu ; Laukkarinen, Anssi ; Vinha, Juha. / **Comparison between calculated and billed building energy consumption values of schools and daycare centers**. In: MATEC Web of Conferences. 2019 ; Vol. 282.

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.

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).

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

Schnabel, Julius ; Valkealahti, Seppo. / **Compensation of PV generator output power fluctuations with energy storage systems**. 31st European Photovoltaic Solar Energy Conference and Exhibition (31st EU PVSEC), 14– 18 September, 2015, Hamburg, Germany. 2015. pp. 2177-2181

Salminen, Vesa ; Kantola, Jussi I. ; Vanharanta, Hannu. / **Competence portfolio assessment of research and development center for regional development**. 6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015) and the Affiliated Conferences, AHFE 2015. Elsevier, 2015. pp. 701-708 (Procedia Manufacturing).

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).

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

Pyrhönen, Veli-Pekka ; Koivisto, Hannu. / **Composite Nonlinear Feedback Control of a Chemical Reactor**. Proceedings of AutomaatioXXI, The Industrial Revolution of Internet – From Intelligent Devices to Networked Intelligence. Helsinki, Finland : Suomen Automaatioseura ry, 2015. (SAS julkaisusarja).

Minaev, Georgy ; Visa, Ari ; Piche, Robert. / **Comprehensive survey of similarity measures for ranked based location fingerprinting algorithm**. Indoor Positioning and Indoor Navigation (IPIN), 2017 International Conference on. IEEE, 2017.

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

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).

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

Davidson, P. ; 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

Niemi, Jarkko V. ; Saarikoski, Sanna ; Pirjola, Liisa ; Taimisto, P. ; Pulkkinen, A. ; Yli-Tuomi, T. ; Lanki, T. ; Kousa, Anu ; Enroth, J. ; Kuuluvainen, Heino ; Rönkkö, Topi ; Hillamo, Risto. / **Concentration and composition gradients of exhaust and non-exhaust particles near a major road**. EAC 2015, European Aerosol Conference, 6-11 September, 2015, Milan, Italy. 2015.

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.

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.).

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

Nasarre, Ismael Peruga ; Levanen, Toni ; Valkama, Mikko. / **Constrained PSK : Energy-efficient modulation for Sub-THz systems**. 2020 IEEE International Conference on Communications Workshops, ICC Workshops 2020 - Proceedings. IEEE, 2020. (IEEE/CIC international conference on communications in China - workshops).

Vaittinen, Eija ; Nenonen, Sanna. / **Consumer acceptance in new service innovation: Enhancing consumer durables with new product-related services**. Proceedings of the 22nd Innovation Product Development Management Conference (IPDMC) . 2015. (International Product Development Management Conference).

Saari, Ulla ; Mäkinen, Saku ; Alinikula, Petteri. / **Consumers' Views on Eco-Friendliness as a Dimension of a High-Tech Brand**. Going Green - CARE INNOVATION 2014 . SAT Austrian Society for Systems Engineering and Automation, 2014. pp. 1-8

Perttola, Henri ; Ronni, Hilka ; Heinisuo, Markku. / **Contact analysis included in a 3D FEA of tube splices**. Eurosteel 2014 7th European conference on steel and composite structures. 2014.

Vainio, Markku. / **Continuous-wave optical parametric oscillators for mid-infrared spectroscopy**. Nonlinear Frequency Generation and Conversion: Materials and Devices XIX. editor / Peter G. Schunemann ; Kenneth L. Schepler. SPIE, 2020. (Proceedings of SPIE - The International Society for Optical Engineering).

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

Rautiainen, Antti ; Lummi, Kimmo ; Järventausta, Pertti ; Tikka, Ville ; Lana, Andrey. / **Control of Electric Vehicle Charging in Domestic Real Estates as Part of Demand Response Functionality.** Cired Workshop 2016. 2016.

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

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

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.

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

Mela, Kristo ; Hietaharju, Lauri. / **Cost optimization of end-plate connections.** Proceedings of Nordic Steel 2019: CE/papers Special Issue. Vol. 3 Wilhelm Ernst und Sohn, 2019. pp. 349-354 (CE/papers).

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.

Vainio, Teija ; Walsh, Tanja ; Varsaluoma, Jari. / **Cross-Cultural Design of Mobile Mathematics Learning Service for South African Schools.** In: IADIS International Journal on WWW/Internet. 2015 ; Vol. 12, No. 1. pp. 81-93.

Niemi, Hannele ; Multisilta, Jari ; Löfström, Erika. / **Crossing Boundaries for Learning – through Technology and Human Efforts.** CICERO Learning Network, University of Helsinki, 2014.

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

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.

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, 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 ; Naofum Yoshida. Sirindhorn International Institute of Technology, Thammasat University, Thailand, 2017. pp. 309-331

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

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).

Vanharanta, Hannu ; Kantola, Jussi ; Seikola, Sami. / **Customers' conscious experience in a coffee shop**. 6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015) and the Affiliated Conferences, AHFE 2015 . Elsevier, 2015. pp. 618-625 (Procedia Manufacturing).

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

Martinsuo, Miia ; Momeni, Khadijeh. / **Customized service solutions for project business**. 23rd Nordic Academy of Management Conference 2015. Nordic Academy of Management, 2015.

Nejadsattari, F. ; Zhang, Y. ; Jayakody, M. N. ; Bouchard, F. ; Larocque, H. ; Sit, A. ; Fickler, R. ; Cohen, E. ; Karimi, E. / **Cyclic quantum walks : Photonic realization and decoherence analysis**. Advanced Optical Techniques for Quantum Information, Sensing, and Metrology. editor / Philip R. Hemmer ; Alan L. Migdall ; Zameer UI Hasan. SPIE, 2020. (Proceedings of SPIE - The International Society for Optical Engineering).

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

Väyrynen, Teemu ; Peltokangas, Suvi ; Anttila, Eero ; Vilkkö, Matti. / **Data-Driven Approach for Analysis of Performance Indices in Mobile Work Machines**. DATA ANALYTICS 2015, The Fourth International Conference on Data Analytics. editor / Thomas Klemas ; Steve Chan. 2015. pp. 81-86

Róg, Tomasz ; Orłowski, Adam ; Llorente, Alicia ; Skotland, Tore ; Sylvänne, Tuulia ; Kauhanen, Dimple ; Ekroos, Kim ; Sandvig, Kirsten ; Vattulainen, Ilpo. / **Data including GROMACS input files for atomistic molecular dynamics simulations of mixed, asymmetric bilayers including molecular topologies, equilibrated structures, and force field for lipids compatible with OPLS-AA parameters**. In: Data in Brief. 2016 ; Vol. 7. pp. 1171-1174.

Valenti, Michele ; Diment, Aleksandr ; Parascandolo, Giambattista ; Squartini, Stefano ; Virtanen, Tuomas. / **DCASE 2016 Acoustic Scene Classification Using Convolutional Neural Networks**. Proceedings of the Detection and Classification of Acoustic Scenes and Events 2016 Workshop (DCASE2016). Tampere University of Technology. Department of Signal Processing, 2016.

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 ; 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.

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

Huuhka, Satu . / **Demolition Rates of Buildings with Different Functions and Construction Materials**. YRSB16 - iiSBE 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

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

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

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

Tenhunen, Mirja. / **Detection and Assessment of Sleep-Disordered Breathing with Special Interest of Prolonged Partial Obstruction**. Tampere : Tampere University of Technology, 2015. 77 p. (Tampere University of Technology. Publication).

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.

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.

Sislian, Rodrigo ; Da Silva, Flavio Vasconcelos ; Gedraite, Rubens ; Jokinen, Heikki ; An, Dhanesh Kattippambal Raj. / **Development of a Low-Cost Fuzzy Gain Schedule Neutralization Control System**. WCECS 2015 - World Congress on Engineering and Computer Science 2015. Vol. II Newswood Limited, 2015. pp. 575-578 (Lecture Notes in Engineering and Computer Science).

Sasaki, Yuichiro ; Suzuki, Takuji ; Iwagami, Takuma ; Tani, Takaharu ; Naganuma, Hideki ; Kino, Hisashi ; Hyttinen, Jari ; Kellomäki, Minna ; Tanaka, Tetsu. / **Development of chip-surface stimulus electrode array for fully-implantable subretinal prosthesis chip**. In: Transactions of Japanese Society for Medical and Biological Engineering. 2014 ; Vol. 52. pp. O-253-O-254.

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.

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.

Tani, Takaharu ; Naganuma, Hideki ; Harashima, Takuya ; Iwagami, Takuma ; Kino, Hisashi ; Kiyoyama, Koji ; Kellomäki, Minna ; Hyttinen, Jari ; Tanaka, Tetsu. / **Development of Si neural probe module with adjustable gain amplifier for neuronal signal recording**. In: Transactions of Japanese Society for Medical and Biological Engineering. 2014 ; Vol. 52. pp. O-377-O-378.

Salmisto, Alpo ; Keinänen, Marko ; Kähkönen, Kalle. / **Development of students' multidisciplinary collaboration skills by simulation of the design process**. Proceedings of the CIB World Building Congress 2016: Volume I - Creating built environments of new opportunities.. Vol. 1 2016. pp. 348-360

Hokka, Mikko ; Mirow, Nikolas ; Nagel, Horst ; Vogt, Sebastian ; Kuokkala, 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

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.

Uusitalo, Topi ; Virtanen, Heikki ; Viheriälä, Jukka ; Salmi, Joel ; Aho, Antti T. ; Dumitrescu, Mihail. / **Difference frequency modulation of multi-section dual-mode lasers with nanoscale surface gratings**. SPIE Proceedings: Novel In-Plane Semiconductor Lasers XV. editor / Alexey A. Belyanin ; Peter M. Smowton. Vol. 9767 SPIE, 2016. (Proceedings of SPIE).

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).

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.

Pannian, Jisha C. ; Alberucci, Alessandro ; Boardman, Allan ; Assanto, Gaetano. / **Diffraction compensation of finite beams in hyperbolic metamaterials**. Laser science 2016. Optical Society of America (OSA), 2016.

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.

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

Soltani, Ayat ; Curtze, S. ; Lahti, J. ; Järvelä, K. ; Laurikka, J. ; Hokka, M. ; Kuokkala, V. T. / **Digital image correlation study of the deformation and functioning of the human heart during open-heart surgery**. Mechanics of Biological Systems, Materials and other topics in Experimental and Applied Mechanics - Proceedings of the 2017 Annual Conference on Experimental and Applied Mechanics. Vol. 4 Springer New York LLC, 2018. pp. 19-27 (Conference Proceedings of the Society for Experimental Mechanics).

Martinsuo, Miia ; Ackerman, Emil ; Ruusuvoori, Pekka. / **Digitalisaatio kunnossapidossa**. Kunnossapidon vuosikirja 2019: Elinjakson hallinta ja hyvä tuotanto-omaisuuden hallintatapa . Kunnossapitoyhdistys ProMaint, 2019. pp. 48-54

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

Narhi, Mikko ; Wetzel, Benjamin ; Billet, Cyril ; Merolla, Jean-Marc ; Toenger, Shanti ; Sylvestre, Thibaut ; Morandotti, Roberto ; Dias, Frédéric ; Genty, Goëry ; Dudley, John M. / **Direct Measurement of Temporal Rogue Waves Generated by Spontaneous Modulation Instability**. Frontiers in Optics 2016. Optical Society of America, 2016.

Vuori, Vilma ; Bor, Sanne ; Polska, Pia ; Käpylä, Jonna ; Helander, Nina. / **Discovering collaborative and inclusive solutions to co-create multidimensional value in cross-sector collaboration**. Proceedings of the 11th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management: 17-19 September, 2019, Vienna, Austria. SCITEPRESS, 2019. pp. 364-369 (IC3K 2019 - Proceedings of the 11th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management).

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

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 ; Sjoman, Heikki ; Slattsveen, Kristoffer ; Strachan, Andy ; Stromstad, Kirsti ; Suren, Stian ; Tapio, Peter ; Utriainen, Tuuli ; Vignoli, Matteo ; Vijaykumar, Saurabh ; Welø, 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).

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.

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.

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

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).

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.

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.

Sollami Delekta, Szymon ; Laurila, Mika-Matti ; Mäntysalo, Matti ; Li, Jiantong. / **Drying-Mediated Self-Assembly of Graphene for Inkjet Printing of High-Rate Micro-supercapacitors.** In: Nano-Micro Letters. 2020 ; Vol. 12.

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

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

Uusitalo, Topi ; Virtanen, Heikki ; Viheriälä, Jukka ; Salmi, Joel Olavi ; Aho, Antti ; Dumitrescu, Mihail. / **Dual-Mode Behavior in Multi-Section DFB Semiconductor Lasers with Laterally-Coupled Ridge-Waveguide Surface Gratings.** The European Conference on Lasers and Electro-Optics 2015. OSA - The Optical Society, 2015.

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

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

Stoykova, Elena ; Nazarova, Dimana ; Berberova, Nataliya ; Gotchev, Atanas ; Ivanov, Branimir ; Mateev, Georgy. / **Dynamic laser speckle metrology with binarization of speckle patterns**. 19th International Conference and School on Quantum Electronics: Laser Physics and Applications. SPIE, 2017. (Proceedings of SPIE).

Toenger, S. ; Godin, T. ; Billet, C. ; Dias, F. ; Erkintalo, M. ; Genty, G. ; Dudley, J. M. / **Dynamics of rogue wave and soliton emergence in spontaneous modulation instability**. CLEO: QELS - Fundamental Science, CLEO_QELS 2015. Optical Society of America (OSA), 2015.

Tiitola, Vesa ; Korhonen, Tuomas ; Laine, Teemu ; Lyly-Yrjänäinen, Jouni. / **Dynamics of value in technology inspired value co-creation: Case in homecare value network**. 14th IFKAD 2019 Proceedings: 5-7 June 2019, Matera, Italy. IKAM Centro Studi & Ricerche, 2019. (PROCEEDINGS IFKAD).

Mela, Kristo ; Heinisuo, Markku. / **Economical utilization of high strength steel : Welded slim floor box beams**. Eurosteel 2014 7th European conference on steel and composite structures. 2014.

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

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.

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

Partanen, Tiina ; Niemelä, Pia ; Mannila, Linda ; Poranen, Timo. / **Educating Computer Science Educators Online - A Racket MOOC for Elementary Math Teachers of Finland**. Proceedings of the 9th International Conference on Computer Supported Education. SCITEPRESS - Science and Technology Publications, 2017. pp. 47-58

Niemelä, Pia ; Di Flora, Cristiano ; Helevirta, Martti ; Isomöttönen, Ville. / **Educating future coders with a holistic ICT curriculum and new learning solutions**. 7th International Multi-Conference on Complexity, Informatics and Cybernetics, IMCIC 2016 and 7th International Conference on Society and Information Technologies, ICSIT 2016. Vol. 2 IIIS, 2016. pp. 132-136

Peura, Pasi ; Vuoristo, Petri ; Vihinen, Jorma. / **Education and Materials Joining Research methods at Tampere University of Technology**. In: Hitaustekniikka. 2015 ; Vol. 65, No. 2-3/2015. pp. 73-76.

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

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.

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

Tan, Lea Chua ; Nancharaiah, Yarlagadda V. ; van Hullebusch, Eric D. ; Lens, Piet N. L. / **Effect of elevated nitrate and sulfate concentrations on selenate removal by mesophilic anaerobic granular sludge bed reactors.** In: Environmental Science: Water Research & Technology. 2018 ; Vol. 4, No. 2. pp. 303-314 .

Viinamäki, Jukka ; Jokipii, Juha ; Suntio, Teuvo. / **Effect of Inductor Saturation on the Harmonic Currents of Grid-Connected Three-Phase VSI in PV Application.** 2015 9th International Conference on Power Electronics and ECCE Asia (ICPE-ECCE Asia), 1-5 June 2015, Seoul. IEEE, 2015. pp. 1209-1216

Singh, A. ; Vihinen, J. ; Frankberg, E. ; Hyvärinen, L. ; Honkanen, M. ; Levänen, E. / **Effect of Laser Power on Yield of TiO₂ Nanoparticles Synthesized by Pulsed Laser Ablation in Water.** In: Journal of Ceramic Science and Technology. 2017 ; Vol. 8, No. 1. pp. 39-43.

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.

Vazquez Fernandez, N. ; Isakov, M. ; Hokka, M. ; Kuokkala, V. T. / **Effects of adiabatic heating estimated from tensile tests with continuous heating.** Dynamic Behavior of Materials - Proceedings of the 2017 Annual Conference on Experimental and Applied Mechanics. Vol. 1 Springer New York LLC, 2018. pp. 1-7 (Conference Proceedings of the Society for Experimental Mechanics).

Munnukka, Juha ; Karjaluoto, Heikki ; Mahlamäki, Tommi ; Hokkanen, Ville. / **Effects of Social Media on Consumers' Sports Brand Experiences and Loyalty.** Creating Marketing Magic and Innovative Future Marketing Trends: Proceedings of the 2016 Academy of Marketing Science (AMS) Annual Conference. editor / Maximilian Stieler. Springer International Publishing, 2017. pp. 1051-1064 (Developments in Marketing Science: Proceedings of the Academy of Marketing Science).

Stupnikov, Alexey ; Glazko, Galina V. ; Emmert-Streib, Frank. / **Effects of subsampling on characteristics of RNA-seq data from triple-negative breast cancer patients.** In: Chinese Journal of Cancer. 2015 ; Vol. 34, No. 10.

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.

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.

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.

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.

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.

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.

Viheriäkoski, Toni ; Kärjä, Eira ; Gärtner, Reinhold ; Tamminen, Pasi. / **Electrostatic discharge characteristics of conductive polymers**. Electrical Overstress/Electrostatic Discharge Symposium Proceedings 2017, EOS/ESD 2017. ESD Association, 2017.

Viheriäkoski, Toni ; Kokkonen, Mika ; Tamminen, Pasi ; Karja, Eira ; Hillberg, Jukka ; Smallwood, Jeremy. / **Electrostatic Threats in Hospital Environment**. 2014 36TH Electrical overstress/electrostatic discharge symposium (EOS/ESD). IEEE COMPUTER SOC, 2014. (Electrical Overstress Electrostatic Discharge Symposium).

Niemelä, Pia ; Valmari, Antti. / **Elementary math to close the digital skills gap**. CSEDU 2018 - Proceedings of the 10th International Conference on Computer Supported Education. Vol. 2 SCITEPRESS, 2018. pp. 154-165

Virkki, Johanna ; Chen, Xiaochen ; Björninen, Toni ; Ukkonen, Leena. / **Embroidered antennas and antenna-electronics interfaces for wearable RFID tags**. IMWS-AMP 2017 International Microwave Workshop Series on Advanced Materials and Processes. IEEE, 2017.

Sand, Johan ; Ihtantola, Sakari ; Peräjärvi, Kari ; Toivonen, Harri ; Nicholl, Adrian ; Hrncek, Erich ; Toivonen, Juha. / **EMCCD imaging of strongly ionizing radioactive materials for safety and security**. 2013 Conference on Lasers and Electro-Optics - International Quantum Electronics Conference. Optical Society of America, 2013. pp. JSII_P_1

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

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

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).

Vuolle, Maiju ; Salonius, Henna-Riikka ; Lintinen, Johanna ; Mäkinen, Julia . / **Emotion measurement services for knowledge workers**. RESER2015: 25th Annual RESER Conference, September 10-12, 2015 Copenhagen, Denmark. Copenhagen : RESER European Association for Research on Services, 2015.

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).

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

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

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

Silverajan, Bilhanan ; Vistiaho, Petteri. / **Enabling cybersecurity incident reporting and coordinated handling for maritime sector.** 2019 14th Asia Joint Conference on Information Security, AsiaJCIS 2019. IEEE, 2019. pp. 88-95

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

Sorri, Jaakko ; Heljo, Juhani ; Uotila, Ulrika ; Ruusala, Annu. / **Energiatohokkuusinformaatio palvelurakennuksissa.** Rakennusfysiikka 2017: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut : 24.-26.10.2017, Tampere. Vol. 1 Tampere : Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, 2017. pp. 325-330 (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.).

Heljo, Juhani ; Sorri, Jaakko ; Harsia, Pirkko. / **Energiatohokkuus 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.).

Teriö, Olli ; Sorri, Jaakko. / **Energiatohokkuus rakennusalan ammattityövoiman täydennyskoulutuksessa.** 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. 97-102

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

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.

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).

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

Sheikh, Muhammad Usman ; Hiltunen, Kimmo ; Lempiainen, Jukka. / **Enhanced outdoor to indoor propagation models and impact of different ray tracing approaches at higher frequencies.** In: Advances in Science, Technology and Engineering Systems. 2018 ; Vol. 3, No. 2. pp. 58-68.

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.

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

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

Sariola, Rami ; Martinsuo, Miia. / **Enhancing the supplier's third-party relationships in construction projects.** The Bartlett IRNOP 2015: International Research Network on Organizing by Projects Conference. IRNOP, 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.
- Pekkola, Samuli. / **Enterprise architecture as strategy, practice, or approach**. 4th Innovation in Information Infrastructures (III) Workshop. Warwick, UK : University of Warwick, 2015.
- 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.
- 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).
- Siljander, Sanna ; Kiviniemi, Meri ; Sarlin, Essi ; Lindgren, Mari ; Suihkonen, Reija ; Vuorinen, Jyrki. / **Erosion testing of filled and/or reinforced vinyl ester composites in water medium at elevated temperature**. Proceedings of the 20th International Conference on Composite Materials. 2015.
- Tamminen, Pasi ; Viheriäkoski, Toni ; Ukkonen, Leena ; Sydänheimo, Lauri. / **ESD and Disturbance Cases in Electrostatic Protected Areas**. Electrical Overstress / Electrostatic Discharge Symposium Proceedings 2015. Vol. 2015 USA : IEEE COMPUTER SOC, 2015.
- Tamminen, Pasi ; Sydänheimo, Lauri ; Ukkonen, Leena. / **ESD Sensitivity of 01005 Chip Resistors and Capacitors**. 2014 36TH Electrical Overstress/Electrostatic Discharge Symposium (EOS/ESD). IEEE COMPUTER SOC, 2014. (Electrical Overstress Electrostatic Discharge Symposium).
- 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).
- Raunio, Jukka-Pekka ; Makela, Ismo ; Mäntylä, Markku ; Ritala, Risto. / **Evaluating the contrast of planar periodic patterns on paper**. Paper Conference and Trade Show, PaperCon 2018. TAPPI Press, 2018. pp. 294-302
- Mendes, Miguel Rodrigues ; Subramaniam, Narayan Puthanmadam ; Wendel-Mitoraj, Katrina. / **Evaluating the electrode measurement sensitivity of subdermal electroencephalography electrodes**. International IEEE/EMBS Conference on Neural Engineering, NER. Vol. 2015-July IEEE COMPUTER SOCIETY PRESS, 2015. pp. 1092-1095
- Us, Defne ; Brzezinski, Karol ; Buitenhuis, Tom ; Dendooven, Peter ; Ruotsalainen, Ulla. / **Evaluation of Median Root Prior for Robust In-Beam PET Reconstruction**. In: IEEE Transactions on Radiation and Plasma Medical Sciences. 2018 ; Vol. 2, No. 5. pp. 490-498.
- 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
- 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.
- 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

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.

Saari, Sampo ; Karjalainen, Panu ; Pirjola, Liisa ; Ntziachristos, Leonidas ; Keskinen, Jorma ; Rönkkö, Topi. / **Exhaust Particles and NOx Emission Factors of a Modern Heavy Duty Truck equipped with the SCR in Real-world Driving Conditions.** EAC 2015, European Aerosol Conference, 6-11 September, 2015, Milan, Italy. 2015.

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

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.

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).

Ryczkowski, Piotr ; Barbier, Margaux ; Friberg, Ari T. ; Dudley, John M. ; Genty, Goery. / **Experimental demonstration of temporal ghost imaging.** 2015 European Conference on Lasers and Electro-Optics - European Quantum Electronics Conference. OSA, 2015.

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

Naumenko, V. V. ; Solodovnik, V. F. ; Totsky, A. V. ; Zelensky, A. A. ; Astola, J. T. / **Experimental study of bispectrum-based encoding in radio communication system.** 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.

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).

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

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

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

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

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.

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

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

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

Närhi, Mikko ; Genty, Goëry ; Steinmeyer, Günter ; Sand, Johan ; Orsila, Lasse. / **Extreme Nonlinear Signal Amplification.** 2015 European Conference on Lasers and Electro-Optics - European Quantum Electronics Conference. OSA, 2015.

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

Zia, Nouman ; Viheriälä, Jukka ; Koskinen, Riku ; Koskinen, Mervi ; Suomalainen, Soile ; Guina, Mircea. / **Fabrication and characterization of broadband superluminescent diodes for 2 μm wavelength.** Light-Emitting Diodes: Materials, Devices, and Applications for Solid State Lighting XX. SPIE, 2016. (Proceedings of SPIE).

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.

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

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).

Sharifzadeh, Sara ; Tata, Jagati ; Tan, Bo. / **Farm detection based on deep convolutional neural nets and semi-supervised green texture detection using VIS-NIR satellite image.** DATA 2019 - Proceedings of the 8th International Conference on Data Science, Technology and Applications. editor / Slimane Hammoudi ; Christoph Quix ; Jorge Bernardino. SCITEPRESS, 2019. pp. 100-108

Siivonen, Lauri ; Linjama, Matti ; Huova, Mikko ; Försterling, Heino ; Stamm, Edgar ; Deubel, Till. / **Fault Tolerance of Digital Hydraulics in High Dynamic Hydraulic System.** The Fourteenth Scandinavian International Conference on Fluid Power. Vol. 1 1. ed. Tampere, Finland, 2015.

Ometov, Aleksandr ; Masek, Pavel ; Malina, Lukas ; Florea, Roman ; Hosek, Jiri ; Andreev, Sergey ; Hajny, Jan ; Niutanen, Jussi ; Koucheryavy, Yevgeni. / **Feasibility characterization of cryptographic primitives for constrained (wearable) IoT devices.** IEEE International Conference on Pervasive Computing and Communication Workshops, PerCom Workshops 2016. IEEE, 2016.

Vilppo, Olli ; Markkula, Joni . / **Feasibility of electric buses in public transport.** EVS28 28th International Electric Vehicle Symposium and Exhibition. 2015.

Petrov, Vitaly. / **Feasibility study of the THz band for communications between wearable electronics.** 2015 17th Conference of Open Innovations Association (FRUCT), 20-24 April 2015, Yaroslavl. . IEEE, 2015. pp. 157-162 (Conference of Open Innovations Association (FRUCT)).

Tamminen, Pasi ; Viheriäkös, Toni ; Reinvo, Tuomas ; Sydänheimo, Lauri ; Ukkonen, Leena. / **Field Collapse Event ESD Test Method**. 2014 36TH Electrical overstress/electrostatic discharge symposium (EOS/ESD). IEEE COMPUTER SOC, 2014. (Electrical Overstress Electrostatic Discharge Symposium).

Tiihonen, Juha ; Schramm, Andreas ; Kylänpää, Ilkka ; Rantala, Tapio. / **Finite temperature path-integral modeling of quantum dot cellular automata**. Paper presented at PHYSICS DAYS / FYSIIKAN PÄIVÄT : ANNUAL MEETING OF THE FINNISH PHYSICAL SOCIETY, .

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

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).

Ropo, Matti ; Schneider, Markus ; Baldauf, Carsten ; Blum, Volker. / **First-principles data set of 45,892 isolated and cation-coordinated conformers of 20 proteinogenic amino acids**. In: Scientific Data. 2016 ; Vol. 3.

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.

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

Suominen, Olli ; Mörsky, Ville ; Ritala, Risto ; Vilkkö, Matti. / **Framework for optimization and scheduling of a copper production plant**. 26th European Symposium on Computer Aided Process Engineering, 2016. Vol. 38 Elsevier Science B.V., 2016. pp. 1243-1248 (Computer Aided Chemical Engineering).

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.

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.

Taibi, Davide ; Systä, Kari. / **From monolithic systems to microservices : A decomposition framework based on process mining**. CLOSER 2019 - Proceedings of the 9th International Conference on Cloud Computing and Services Science. editor / Donald Ferguson ; Victor Mendez Munoz ; Markus Helfert ; Claus Pahl. SCITEPRESS, 2019. pp. 153-164

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

Smith, Jarrod ; Kuokkala, Veli-Tapani ; Seidt, Jeremy ; Gilat, Amos. / **Full-Field Temperature and Strain Measurement in Dynamic Tension Tests on SS 304**. Dynamic Behavior of Materials, Volume 1: Proceedings of the 2016 Annual Conference on Experimental and Applied Mechanics. Springer International Publishing, 2016. pp. 37-44 (Conference

proceedings of the Society for Experimental Mechanics).

Vilmi, Pauliina ; Nelo, Mikko ; Voutilainen, Juha-Veikko ; Palosaari, Jaakko ; Pörhönen, Juho ; Tuukkanen, Sampo ; Jantunen, Heli ; Juuti, Jari ; Fabritius, Tapio. / **Fully printed memristors for a self-sustainable recorder of mechanical energy**. In: Flexible and Printed Electronics. 2016 ; Vol. 1, No. 2.

Pluduma, Liene ; Freimanis, Edijs ; Gross, Karlis ; Koivuluoto, Heli ; Algate, Kent ; Haynes, David ; Vuoristo, Petri. / **Functionalizing Surface Electrical Potential of Hydroxyapatite Coatings**. 11th International Conference Medical Applications of Novel Biomaterials and Nanotechnology. Vol. 102 2016. pp. 12-17 (Advances in Science and Technology).

Porkka, Pasi L. / **Functional model for organisational and safety culture**. Chemical Engineering Transactions. Italian Association of Chemical Engineering AIDIC, 2016. pp. 907-912 (Chemical Engineering Transactions).

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.

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

Perttula, Arttu ; Tuomi, Pauliina. / **Gamification at School**. EDULEARN17: The 9th International Conference on Education and New Learning Technologies. 2017. pp. 9334-9340

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

Psichoudaki, Magda ; Faxon, Cameron ; Kuuluvainen, Heino ; Thomson, Erik S. ; Eriksson, A. ; Mallqvist, J. ; Pettersson, Jan ; Hallquist, Åsa ; Kristensson, A. ; Hallquist, Mattias. / **Gas and particle composition and properties of photochemically aged ship plumes using chemical ionization and aerosol mass spectrometry**. EAC 2015, European Aerosol Conference, 6-11 September, 2015, Milan, Italy. 2015.

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.

Messo, Tuomas ; Aapro, Aapo ; Suntio, Teuvo. / **Generalized multivariable small-signal model of three-phase grid-connected inverter in DQ-domain**. IEEE 16th Workshop on Control and Modeling for Power Electronics (COMPEL). IEEE, 2015.

Saari, Sampo ; Karjalainen, Panu ; Kalliohaka, Tapio ; Taipale, Aimo ; Rönkkö, Topi. / **Generation of characteristic traffic emission aerosol in particulate filter collection efficiency tests**. The 11th International Conference on Industrial Ventilation, Shanghai, China. 2015.

Saari, Sampo ; Karjalainen, Panu ; Kalliohaka, Tapio ; Taipale, Aimo ; Rönkkö, Topi. / **Generation of Characteristic Traffic Emission Aerosol in Particulate Filter Collection Efficiency Tests**. EAC 2015, European Aerosol Conference, 6-11 September, 2015, Milan, Italy. 2015.

Rajala, Riikka P. ; Juuti, Petri S. ; Katko, Tapio S. / **Genesis of Water supply and sanitation services in Finland**. In: Ympäristöhistoria: Finnish Journal of Environmental History. 2019 ; Vol. 8, No. 1. pp. 18-28.

Stankovic, Radomir S. ; Astola, Jaakko ; Moraga, Claudio. / **Gibbs Dyadic Differentiation on Groups - Evolution of the Concept**. Computer Aided Systems Theory – EUROCAST 2017 - 16th International Conference, Revised Selected Papers. Springer Verlag, 2018. pp. 229-237 (Lecture Notes in Computer Science).

Nommeots-Nomm, Amy ; Massera, Jonathan. / **Glass and Glass-Ceramic Scaffolds: Manufacturing Methods and the Impact of Crystallization on In-Vitro Dissolution.** Scaffolds in Tissue Engineering - Materials, Technologies and Clinical Applications. InTech Open Access Publisher, 2017.

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

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

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.

Ustimchik, V. ; Fedotov, A. ; Rissanen, J. ; Noronen, T. ; Gumenyuk, R. ; Chamorovskii, Yu. ; Filippov, V. / **Green picosecond narrow-linewidth tapered fiber laser system.** Fiber Lasers XVII: Technology and Systems. editor / Liang Dong. SPIE, 2020. pp. 246 - 251 (Proceedings of SPIE).

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.

Leinonen, Tomi ; Penttinen, Jussi Pekka ; Korpijärvi, 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.

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).

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-ISPIT 2016. IEEE COMPUTER SOCIETY PRESS, 2016. pp. 120-130

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

Valtonen, Kati ; Tiainen, Tuomo. / **Hard Rock (- ei Hallelujah, vaan) Tribology : Pohjoismainen kaivosteollisuuden kulumisongelmiin keskittyvä kurssi ja seminaari Tampereella.** In: Materia. 2015 ; Vol. 2015, No. 1. pp. 30-33.

Roncero-Sanchez, Pedro ; Acha, Enrique. / **Harmonic and Imbalance Voltage Mitigation in Smart Grids: A DSTATCOM Based Solution.** IEEE EUROCON 2015. 2015.

Vihola, Jaakko ; Sorri, Jaakko ; Heljo, Juhani ; Kero, Paavo. / **Heat Loss Rate of the Finnish Building Stock**. In: Procedia Economics and Finance. 2015 ; Vol. 21. pp. 601-608.

Rybakov, V. A. ; Ananeva, I. A. ; Pichugin, E. D. ; Garifullin, M. / **Heat protective properties of enclosure structure from thin-wall profiles with foamed concrete**. In: Magazine of Civil Engineering. 2020 ; Vol. 94, No. 2. pp. 11-20.

Zare, Alireza ; Sreedhar, Kashyap Kammachi ; Vadakital, Vinod Kumar Malamal ; Aminlou, Alireza ; Hannuksela, Miska M. ; Gabbouj, Moncef. / **HEVC-compliant viewport-adaptive streaming of stereoscopic panoramic video**. 2016 Picture Coding Symposium, PCS 2016. IEEE, 2017.

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).

Yancheshmeh, Fatemeh Shokrollahi ; Chen, Ke ; Kämäräinen, Joni-Kristian. / **Hierarchical deformable part models for heads and tails**. VISIGRAPP 2018 - Proceedings of the 13th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications . Vol. 5 SCITEPRESS, 2018. pp. 45-55

Närhi, Mikko ; Tengvall, M. ; Toivonen, J. ; Dudley, John M. ; Genty, Goëry. / **High Dynamic Range Single-Shot Spectral Measurements of Spontaneous Modulation Instability**. Frontiers in Optics 2016. Optical Society of America (OSA), 2016.

Tukiainen, A. ; Aho, A. ; Polojärvi, V. ; Ahorinta, R. ; Guina, M. / **High efficiency dilute nitride solar cells : Simulations meet experiments**. In: Journal of Green Engineering. 2016 ; Vol. 5, No. 3-4. pp. 113-132.

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.

Mateos, Xavier ; Loiko, Pavel ; Lamrini, Samir ; Scholle, Karsten ; Fuhrberg, Peter ; Suomalainen, Soile ; Härkönen, Antti ; Guina, Mircea ; Vatnik, Sergei ; Vedin, Ivan ; Aguiló, Magdalena ; Díaz, Francesc ; Wang, Yicheng ; Griebner, Uwe ; Petrov, Valentin. / **Highly-efficient Ho:KY(WO₄)₂ thin-disk lasers at 2.06 μ m**. Pacific-Rim Laser Damage 2018: Optical Materials for High-Power Lasers. SPIE, IEEE, 2018. (Proceedings of SPIE).

Zia, Nouman ; Viheriälä, Jukka ; Koivusalo, Eero ; Aho, Antti ; Suomalainen, Soile ; Guina, Mircea. / **High performance GaSb superluminescent diodes for tunable light source at 2 μ m and 2.55 μ m**. CLEO: Applications and Technology, CLEO_AT 2018. OSA - The Optical Society, 2018.

Viheriälä, Jukka ; Aho, Antti T. ; Mäkelä, Jaakko ; Salmi, Joel ; Virtanen, Heikki ; Leinonen, Tomi ; Dumitrescu, Mihail ; Guina, Mircea. / **High-power 1550 nm tapered DBR lasers fabricated using soft UV-nanoimprint lithography**. High-Power Diode Laser Technology and Applications XIV. SPIE, 2016. (SPIE Conference Proceedings).

Penttinen, Jussi-Pekka ; Leinonen, Tomi ; Korpijärvi, Ville-Markus ; Kantola, Emmi ; Guina, Mircea. / **High power GaInNAs VECSEL emitting at 1230/615 nm**. The European Conference on Lasers and Electro-Optics 2015. OSA, 2015.

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).

Saad-Bin-Alam, Md ; Reshef, Orad ; Huttunen, Mikko J. ; Carlow, Graham ; Sullivan, Brian ; Menard, Jean Michel ; Dolgaleva, Ksenia ; Boyd, Robert W. / **High-Q resonance train in a plasmonic metasurface**. 2019 Conference on Lasers and Electro-Optics, CLEO 2019 - Proceedings. IEEE, 2019.

Nikkinen, Jari ; Korpijärvi, Ville-Markus ; Leino, Iiro ; Härkönen, Antti ; Guina, Mircea. / **High repetition rate 1.34 μm Nd:YVO4 microchip laser Q-switched with GalnNAs SESAM**. The European Conference on Lasers and Electro-Optics 2015. OSA, 2015.

Brobbey, 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

Matikainen, Ville ; Bolelli, Giovanni ; Koivuluoto, Heli ; Sassatelli, Paolo ; Lusvarghi, Luca ; Vuoristo, Petri. / **High-temperature sliding wear behaviour of thermally sprayed Cr3C2-based coatings**. Proceedings of The 17th Nordic Symposium on Tribology - NORDTRIB 2016. 2016.

Hokka, M. ; Östman, K. ; Rämö, J. ; Kuokkala, 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).

Marttila, Tero ; Annala, Petri ; Kero, Paavo ; Suonketo, Jommi ; Heino, Satu ; Pentti, Matti. / **HKPro3 - Valtion tukemien homekorjaushankkeiden arviointi : Jatkotutkimus**. Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennustekniikka, 2015. 68 p. (Tampereen teknillinen yliopisto. Rakennustekniikan laitos. Rakennetekniikka; Tutkimusraportti).

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

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

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

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 Kalogiratou ; Theodore Monovasilis. Vol. 1618 American Institute of Physics Inc., 2014. pp. 119-120 (AIP Conference Proceedings).

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.

Salmisto, Alpo. / **How to co-learn in campus**. Oppiva kampus - How to co-create campus?. editor / Suvi Nenonen ; Sami Kärnä ; Juha-Matti Junnonen ; Sari Tähtinen ; Niclas Sandström. Tampere : Suomen Yliopistokiinteistöt Oy, 2015. pp. 320-337

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.

Tappura, Sari ; Nenonen, Noora ; Kivistö-Rahnasto, Jouni. / **How to support managers' commitment to safety management and leadership in organizations: good practices from the managers' viewpoint**. WOS 8th international conference - Book of Abstracts. 2015.

Reunanen, Tero. / **Human Factor in Time Management**. In: Procedia Manufacturing. 2015 ; Vol. 3. pp. 709-716.

Rubel, Oleksii ; Ponomarenko, Nikolay ; Lukin, Vladimir ; Astola, Jaakko ; Egiazarian, Karen. / **HVS-based local analysis of denoising efficiency for DCT-based filters**. 2015 2nd International Scientific-Practical Conference Problems of Infocommunications Science and Technology, PIC S and T 2015 - Conference Proceedings. IEEE, 2015. pp. 189-192

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.

Tuhtan, J.A. ; Strokina, Nataliya ; Toming, Gert ; Muhammad, N. ; Kruusmaa, Maarja ; Kämäräinen, Joni-Kristian. / **Hydrodynamic Classification of Natural Flows Using an Artificial Lateral Line and Frequency Domain Features**. 36th IAHR World Congress. 2015.

Santinha, João ; Gupta, Abhishekh ; Martins, Leonardo ; Annala, Teppo ; Häkkinen, Antti ; Mora, Andre ; Lloyd-Price, Jason ; Ribeiro, Andre ; Oliveira, Samuel M D ; Fonseca, Jose Ribeiro. / **icellfusion : Tool for fusion and analysis of live-cell images from time-lapse multimodal microscopy**. Biometrics: Concepts, Methodologies, Tools, and Applications. IGI Global, 2016. pp. 806-834

Mokhtarian, Hossein ; Coatanea, Eric ; Paris, Henri ; Vihinen, Jorma. / **Identification of fundamental requirements for ideal metamodeling framework in additive manufacturing**. Proceedings of the 2nd Annual SMACC Research Seminar 2017. editor / Jussi Aaltonen ; Riikka Virkkunen ; Kari T. Koskinen ; Risto Kuivanen. 2017. pp. 29-31

Vasell, Tytti ; Vuolle, Maiju ; Petrulaitiene, Vitalija ; Nenonen, Suvi ; Jylhä, Tuuli. / **Identifying and measuring customer value - case multi-locational worker**. Research papers for EuroFM's 15th research symposium at EFMC2016: 8-9 June 2016 in Milan, Italy. editor / Susanne Nielsen ; Per Anker Jensen. EuroFM, 2016. pp. 143-151

Peltola, Tero ; Mäkinen, Saku. / **Identifying critical technology actors in waste flow management**. PICMET'15 Conference, Management of the Technology Age: August 2-6, 2015, Hilton Portland and Executive Tower, Portland, Oregon, USA. United States : Portland International Center for Management of Engineering and Technology, 2015. pp. 2027-2031

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).

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.

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

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).

Pakkala, Toni ; Lemberg, Antti-Matti ; Köliö, Arto ; Lahdensivu, Jukka . / **Ilmastonmuutoksen vaikutus betonijulkisivujen vaurioitumisen etenemiseen**. 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. 203-210

Sorokin, M. ; Strokina, N. ; Eerola, T. ; Lensu, L. ; Karttunen, K. ; Kalviainen, H. / **Image-based characterization of the pulp flows**. In: Pattern Recognition and Image Analysis. 2016 ; Vol. 26, No. 3. pp. 630-637.

Mokammel, F. ; Coatanea, E. ; Bakhouya, M. ; Christophe, F. ; Nonsiri, S. / **Impact analysis of graph-based requirements models using PageRank algorithm**. 2013 IEEE International Systems Conference (SysCon). IEEE, 2013. pp. 731-736 (2013 IEEE International Systems Conference (SysCon)).

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

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.

Seppä, V.-P. ; Pelkonen, A. S. ; Kotaniemi-Syrjänen, A. ; Viik, J. ; Mäkelä, M. J. ; Malmberg, P. / **Impedanssipneumografia pienten lasten alahengitytiesoireiden selvittelyssä**. Allergiatutkimussäätiön vuosikirja 2015. 2015. (Allergiakoulu).

Vajaranta, Markku ; Kannisto, Joonas ; Harju, Jarmo. / **Implementation Experiences and Design Challenges for Resilient SDN Based Secure WAN Overlays**. 2016 11th Asia Joint Conference on Information Security (AsiaJCIS). IEEE, 2016. pp. 17-23

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

Kurki, Vuokko ; Sidaraviciute, Ruta ; Sörensen, Johanna ; Kibocha, Samuel Ngari ; Retike, Inga ; Ikobe, Geoffrey ; Tichonovas, Martynas ; Elijosute, 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.

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

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

Vuorinen, Lauri ; Sariola, Rami. / **Improving project control by combining earned value analysis and automatic data collection**. International Research Network in Organizing by Projects Conference 2015: IRNOP. London, U.K., 2015. pp. 1

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

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

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.

Wang, Yicheng ; Lan, Ruijun ; Mateos, Xavier ; Li, Jiang ; Pan, Yubai ; Suomalainen, Soile ; Härkönen, Antti ; Guina, Mircea ; Griebner, Uwe ; Petrov, Valentin. / **In-band-pumped mode-locked Ho:YAG ceramic laser at 2.1 μm** . 2016 Conference on Lasers and Electro-Optics (CLEO). IEEE, 2016. pp. 1-2

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

Kopra, Miia-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).

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

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

Müller, Philipp ; Lekkala, Jukka ; Ali-Löytty, Simo ; Piche, Robert. / **Indoor Localisation using Aroma Fingerprints: A First Sniff**. 2017 14th Workshop on Positioning, Navigation and Communications (WPNC). Bremen, Germany : IEEE, 2017.

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

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.

Riipinen, Tuomas ; Kujanpää, Veli ; Komi, Erin ; Kilpeläinen, Pekka ; Savolainen, Mikko ; Puukko, Pasi ; Vihinen, Jorma ; Coatanea, Eric ; Mokhtarian, Hossein. / **Industrialization of hybrid and additive manufacturing-Implementation to Finnish industry (HYBRAM)**. VTT Technical Research Centre of Finland, 2018. 66 p. (Research Reports).

Rajala, Satu ; Lekkala, Jukka. / **Infant respiration and heart rate monitoring with EMFi sensor**. IMEKO XXI World Congress, Proceedings, August 30 - September 4, 2015, Prague, Czech Republic. editor / Jan Holub. 2015.

Turunen, Esko ; Navara, Mirko. / **Infinitesimals and Pavelka logic**. PROCEEDINGS OF THE 2015 CONFERENCE OF THE INTERNATIONAL FUZZY SYSTEMS ASSOCIATION AND THE EUROPEAN SOCIETY FOR FUZZY LOGIC AND TECHNOLOGY. editor / JM Alonso ; H Bustince ; M Reformat. PARIS : Atlantis Press, 2015. pp. 1027-1033 (Advances in Intelligent Systems Research).

Okun, Oleksandr ; Kravchenko, Yurii ; Korpinen, Leena. / **Influence of environmental conditions on EMF levels in a span of overhead transmission lines**. In: Progress in Electromagnetics Research C. 2016 ; Vol. 63. pp. 163-171.

Silwal, Bishal ; Rasilo, Paavo ; Belahcen, Anouar ; Arkkio, Antero. / **Influence of the rotor eccentricity on the torque of a cage induction machine**. In: Archives of Electrical Engineering. 2017 ; Vol. 66, No. 2. pp. 383-396.

Parrotta, Daniele ; Casula, Riccardo ; Penttinen, Jussi-Pekka ; Leinonen, Tomi ; Kemp, Alan ; Guina, Mircea ; Hastie, Jennifer. / **InGaAs-QW VECSEL emitting >1.300-nm via intracavity Raman conversion**. Vertical External Cavity Surface Emitting Lasers (VECSELs) VI. 2016. (Proceedings of SPIE).

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 Højbjerg Clarke. Kolding, Denmark, 2015.

Khorramdel, 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.

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

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 Højbjerg Clarke. 2015.

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

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

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

Aalto, Timo ; Harjanne, Mikko ; Offrein, Bert Jan ; Caër, Charles ; Neumeier, 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).

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

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

Toenger, Shanti ; Ahvenjärvi, Jani ; Ryczkowski, Piotr ; Genty, Goery. / **Intensity Interferometry of Supercontinuum Light**. Trends in Electromagnetic Coherence. editor / Tero Setälä ; Jari Turunen ; Ari T. Friberg ; Kimmo Saastamoinen. Joensuu : University of Eastern Finland, 2018. (Publications of the University of Eastern Finland. Reports and studies in forestry and natural sciences; 32).

Sörensen, Johanna ; Kurki, Vuokko ; Sidaraviciute, Ruta ; Ngari Kibocha, Samuel ; Retike, Inga ; Ikobe, Geoffrey ; Tichonovas, Martynas ; Elijosiute, Erika ; Rajala, Riikka . / **Interdisciplinary water research network building within Nordic and Baltic countries**. In: Vatten. 2015 ; No. 71. pp. 79-83.

Smith, Jarrod ; Kuokkala, Veli-Tapani ; Seidt, Jeremy ; Gilat, Amos. / **Internal Heat Generation in Tension Tests of AISI 316 Using Full-Field Temperature and Strain Measurements**. Advancement of Optical Methods in Experimental Mechanics, Volume 3. Conference Proceedings of the Society for Experimental Mechanics Series. Vol. 3 Springer New York LLC, 2018. pp. 97-103 (Conference Proceedings of the Society for Experimental Mechanics).

Tuokko, Reijo (Editor) ; Lanz, Minna (Editor) ; Luostarinen, Pasi (Editor). / **International Workshop on MicroFactories (IWMF 2012) : 17th-20th June 2012 Tampere Hall Tampere, Finland**. Tampere University of Technology. Department of Production Engineering, 2012. 186 p.

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

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).

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

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

Tiira, Jonna ; Radevici, Ivan ; Haggren, Tuomas ; Hakkarainen, Teemu ; Kivisaari, Pyry ; Lyytikäinen, Jari ; Aho, Arto ; Tukiainen, Antti ; Guina, Mircea ; Oksanen, Jani. / **Intracavity double diode structures with GaInP barrier layers for thermophotonic cooling**. Proc. SPIE 10121: Optical and Electronic Cooling of Solids II. Vol. 10121 SPIE, 2017. (Proceedings of SPIE).

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.

Palanivel, Suresh ; Zhurina, Anastasia ; Doan, Phuong ; Chandraseelan, Jerome G. ; Khandelwal, Vinoth Kumar Megraj ; Zubkov, Fedor I. ; Mahmudov, Kamran T. ; Pombeiro, Armando J.L. ; Yli-Harja, Olli ; Kandhavelu, Meenakshisundaram. / **In vitro characterization of arylhydrazones of active methylene derivatives**. In: Saudi Pharmaceutical Journal. 2018 ; Vol. 26, No. 3. pp. 430-436.

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

Frimpong, Eugene ; Michalas, Antonis. / **IoT-CryptoDiet : Implementing a lightweight cryptographic library based on ecdh and ecdsa for the development of secure and rivacy-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

Rundgren, Aatu ; Joutsenlahti, Jorma ; Mäkinen, Jari. / **Is languaging experienced to improve understanding of structural mechanics?**. 44th SEFI 2016 Annual Conference: 12-15 September 2016 in Tampere, Finland. 2016.

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).

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).

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