

Viherialä J, Aho A, Virtanen H, Koskinen M, Dumitrescu M, Guina M. **1180 nm GaInNAs quantum well based high power DBR laser diodes**. In Zediker MS, editor, High-Power Diode Laser Technology XV. SPIE. 2017. 100860K. (Proceedings of SPIE). <https://doi.org/10.1117/12.2251317>

Kantola E, Leinonen T, Ranta S, Tavast M, Penttinen J-P, Guina M. **1180nm VECSEL with 50 W output power**. In Proceedings of SPIE - The International Society for Optical Engineering. Vol. 9349. SPIE. 2015. 93490U <https://doi.org/10.1117/12.2079480>

Viherialä J, Tuorila H, Zia N, Cherchi M, Aalto T, Guina M. **1.3µm U-bend traveling wave SOA devices for high efficiency coupling to silicon photonics**. In Reed GT, Knights AP, editors, Silicon Photonics XIV. SPIE, IEEE. 2019. 109230E. (Proceedings of SPIE - The International Society for Optical Engineering). <https://doi.org/10.1117/12.2505935>

Mereuta A, Nechay K, Caliman A, Suruceanu G, Gallo P, Guina M et al. **1.55-µm wavelength wafer-fused OP-VECSELs in flip-chip configuration**. In Keller U, editor, Vertical External Cavity Surface Emitting Lasers (VECSELs) IX. SPIE, IEEE. 2019. 1090103. (Proceedings of SPIE - The International Society for Optical Engineering). <https://doi.org/10.1117/12.2508342>

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

Schwarz S, Hannuksela MM, Fakour-Sevom V, Sheikhi-Pour N. **2D Video Coding of Volumetric Video Data**. In 2018 Picture Coding Symposium, PCS 2018 - Proceedings. IEEE. 2018. p. 61-65. 8456265 <https://doi.org/10.1109/PCS.2018.8456265>

Fakour-Sevom V, Guldogan E, Kämäräinen J-K. **360 panorama super-resolution using deep convolutional networks**. In VISIGRAPP 2018 - Proceedings of the 13th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications. Vol. 4. SCITEPRESS. 2018. p. 159-165 <https://doi.org/10.5220/0006618901590165>

Yadav A, Chichkov NB, Gumenyuk R, Zherebtsov E, Melkumov MA, Yashkov MV et al. **405-nm pumped Ce³⁺-doped silica fiber for broadband fluorescence from cyan to red**. In Digonnet MJF, Jiang S, editors, Optical Components and Materials XVI. SPIE, IEEE. 2019. 1091406. (Proceedings of SPIE - The International Society for Optical Engineering). <https://doi.org/10.1117/12.2509599>

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

Wang Y, Zhao Y, Pan Z, Suomalainen S, Härkönen A, Guina M et al. **73-fs SESAM mode-locked Tm,Ho:CNNG laser at 2061 nm**. In Clarkson WA, Shori RK, editors, Solid State Lasers XXIX: Technology and Devices. SPIE. 2020. 1125929. (Proceedings of SPIE - The International Society for Optical Engineering). <https://doi.org/10.1117/12.2548180>

Kähkönen K, (ed.). **8th Nordic Conference on Construction Economics and Organization**. Procedia Economics and Finance. 2015;21.

Saarinen EJ, Lyytikäinen J, Ranta S, Rantamäki A, Saarela A, Sirbu A et al. **A 1.5-W frequency doubled semiconductor disk laser tunable over 40 nm at around 745 nm**. In Proceedings of SPIE: Vertical External Cavity Surface Emitting Lasers (VECSELs) VI. Vol. 9734. SPIE. 2016. 97340P-8. (Spie conference proceedings). <https://doi.org/10.1117/12.2209384>

Ma S, Pournoori N, Sydänheimo L, Ukkonen L, Björninen T, Georgiadis A. **A Batteryless Semi-Passive RFID Sensor Platform**. In 2019 IEEE International Conference on RFID Technology and Applications (RFID-TA). IEEE. 2019. p. 171-173 <https://doi.org/10.1109/RFID-TA.2019.8892176>

Jussila JJ, Mustafee N, Aramo-Immonen H, Menon K, Hajikhani A, Helander N. **A bibliometric study on authorship trends and research themes in knowledge management literature**. In 12th International Forum on Knowledge Asset Dynamics, St. Petersburg, Russia 7-9 June 2017: Knowledge Management in the 21th Century: Resilience, Creativity and Co-

creation. Vol. 12. St. Petersburg, Russia. 2017. p. 389-397

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

Galinina O, Turlikov A, Pyattaev A, Johnsson K, Andreev S, Koucheryavy Y. **A Capacity Bound for mmWave-based Channel Access in Ultra-Dense Wearable Deployments**. In 2015 7th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT). IEEE. 2015. p. 298-304
<https://doi.org/10.1109/ICUMT.2015.7382446>

Drossos K, Zormpas N, Giannakopoulos G, Floros A. **Accessible Games for Blind Children, Empowered by Binaural Sound**. In Proceedings of the 8th ACM International Conference on PErvasive Technologies Related to Assistive Environments. New York, NY, USA: Association for Computing Machinery (ACM). 2015. p. 5:1-5:8. (PETRA '15).
<https://doi.org/10.1145/2769493.2769546>

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

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

Huhtelin M, Nenonen S. **A Co-creation Centre for University–Industry Collaboration – A Framework for Concept Development**. Procedia Economics and Finance. 2015;21:137 - 145. [https://doi.org/10.1016/S2212-5671\(15\)00160-4](https://doi.org/10.1016/S2212-5671(15)00160-4)

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

Frondelius T, Holopainen S, Kouhia R, Ottosen NS, Ristinmaa M, Vaara J. **A continuum based macroscopic unified low- and high cycle fatigue model**. MATEC Web of Conferences. 2019 Dec 2;300. 16008.
<https://doi.org/10.1051/mateconf/201930016008>

Kauppila P, Kouhia R, Ojanperä J, Saksala T, Sorjonen T. **A continuum damage model for creep fracture and fatigue analyses**. In 21st European Conference on Fracture, ECF21, 20-24 June 2016, Catania, Italy. 2016. p. 887–894. (Procedia Structural Integrity). <https://doi.org/10.1016/j.prostr.2016.06.114>

Aldawood S, Fowley F, Pahl C, Taibi D, Liu X. **A coordination-based brokerage architecture for multi-cloud resource markets**. In Proceedings - 2016 4th International Conference on Future Internet of Things and Cloud Workshops, W-FiCloud 2016. Institute of Electrical and Electronics Engineers Inc. 2016. p. 7-14 <https://doi.org/10.1109/W-FiCloud.2016.19>

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

Chaudhary S, Zhao Y, Berki E, Valtanen J, Li L, Helenius M et al. **A Cross-Cultural and Gender-Based Perspective for Online Security: Exploring Knowledge, Skills and Attitudes of Higher Education Students**. IADIS International Journal on WWW/Internet. 2015;13(1):57-71.

Georgiev GY, Aho T, Kesseli J, Yli-Harja O, Kauffman SA. **Action and power efficiency in self-organization: The case for growth efficiency as a cellular objective in escherichia coli**. In Flores Martinez CL, Georgiev GY, Smart JM, Price ME, editors, Evolution, Development and Complexity - Multiscale Evolutionary Models of Complex Adaptive Systems. Springer. 2019. p. 229-244. (Springer Proceedings in Complexity). https://doi.org/10.1007/978-3-030-00075-2_8

Voronin V, Pismenskova M, Zelensky A, Cen Y, Nadykto A, Egiazarian K. **Action recognition using the 3D dense microblock difference**. In Counterterrorism, Crime Fighting, Forensics, and Surveillance Technologies II. SPIE. 2018. 108020O. (Proceedings of SPIE). <https://doi.org/10.1117/12.2326801>

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

Martinsuo M, Vuorinen L. **Actors' agency in the routines of innovation project portfolio management**. In 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 S. **Adapting service-based working culture as the key driver for organisational creativity and innovation**. In 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 M, Astola P, Vihonen J, Tabus I, Ghabcheloo R, Mattila J. **Adaptive Feedback in Local Coordinates for Real-time Vision-Based Motion Control Over Long Distances**. In International Conference on Robotics and Mechantronics : (ICRoM 2017). Vol. 320. IOP Publishing Ltd. 2018. 012009. (IOP conference series : materials science and engineering). <https://doi.org/10.1088/1757-899X/320/1/012009>

Habib M, Hussain A, Rasheed S, Ali M. **Adaptive fuzzy inference system based directional median filter for impulse noise removal**. AEU International Journal of Electronics and Communication. 2016 May 1;70(5):689-697. <https://doi.org/10.1016/j.aeue.2016.02.005>

Matikainen V, Koivuluoto H, Milanti A, Vuoristo P. **Advanced coatings by novel high-kinetic thermal spray processes**. Materia. 2015 Feb 9;73(1):46-50.

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

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

Lenarduzzi V, Stan AC, Taibi D, Tosi D, Venters G. **A dynamical quality model to continuously monitor software maintenance**. In Proceedings of the 11th European Conference on Information Systems Management, ECISM 2017. Academic Conferences and Publishing International Limited. 2017. p. 168-178

Yli-Fossi T, Kuusisto R. **A dynamic paper machine simulator for testing of model predictive control applications**. In Proceedings of AutomaatioXXI seminaari. Suomen Automaatioseura ry. 2015. p. 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**. In 44th Annual Conference Of The European Society For Engineering Education: 12-15 September 2016, Tampere, Finland. Tampere. 2016

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

Ahola T, Stähle M, Martinsuo M. **Agency relationships in global project business**. In Proceedings of EURAM18 European Academy of Management conference 2018. European Academy of Management, EURAM. 2018. (EURAM conference).

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

Leivo V, Kiviste M, Aaltonen A, Turunen M, Haverinen-Shaughnessy U. **Air pressure difference between indoor and outdoor or staircase in multi-family buildings with exhaust ventilation system in Finland**. Energy Procedia. 2015;78C:1218-1223. 78C. <https://doi.org/10.1016/j.egypro.2015.11.188>

Hongisto V, Kylliäinen M, Hyönä J. **ÄKK-hankkeen suositukset tulevaisuuden ääneneristysmääräyksiä koskien**. In Rakennusfysiikka 2015. Tampere: Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka. 2015. p. 561-566

Salo J, Huttunen P, Vinha J. **Alipaineistetun tuulettuvan ryömintätilan rakennusfysikaaliset FEM-simuloinnit**. In Vinha J, Kivioja H, editors, Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24-26.10.2017, Tampere. Vol. 2. Tampere: Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka. 2017. p. 413-422. (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.).

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

Aleshkina SS, Lipatov DS, Velmiskin VV, Kochergina TA, Fedotov A, Gumenyuk R et al. **All-fiber mode-locked laser at 0.98 μm**. In Dong L, editor, Fiber Lasers XVII: Technology and Systems. SPIE. 2020. p. 184 - 189. (Proceedings of SPIE). <https://doi.org/10.1117/12.2542299>

Kerst T, Toivonen J. **Alpha radiation induced luminescence in solar blind spectral region**. In CLEO: Applications and Technology, CLEO_AT 2018. OSA - The Optical Society. 2018 https://doi.org/10.1364/CLEO_AT.2018.ATh4O.8

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

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

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

Phung HM, Kahle H, Penttinen J-P, Rajala P, Ranta S, Guina M. **A membrane external-cavity surface-emitting laser (MECSEL) with emission around 825 nm**. In Hastie JE, editor, Vertical External Cavity Surface Emitting Lasers (VECSELs) X. SPIE. 2020. 112630H. (Proceedings of SPIE - The International Society for Optical Engineering). <https://doi.org/10.1117/12.2545980>

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**. In ECCOMAS Congress 2016 - Proceedings of the 7th European Congress on Computational Methods in Applied Sciences and Engineering: Crete; Greece; 5 June 2016 through 10 June 2016. Vol. 2. National Technical University of Athens. 2016. p. 3395-3408

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

Belahcen A, Kouhia R, Rasilo P, Ristinmaa M. **A model for anisotropic magnetostriction**. In Proceedings of the XII Finnish Mechanics Days. Rakenteiden Mekaniikan Seura ry. 2015. p. 201-203

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

Apró A, Messo T, Suntio T. **An accurate small-signal model of a three-phase VSI-based photovoltaic inverter with LCL-filter.** In 9th International Conference on Power Electronics and ECCE Asia (ICPE-ECCE Asia). 2015. p. 2267-2274 <https://doi.org/10.1109/ICPE.2015.7168092>

Ho-Van K, Sofotasios PC, Que Son V, Thanh Tra L, Hong Lien P. **Analysis of Cognitive Cooperative Networks with Best Relay Selection and Diversity Reception.** In 2015 International Conference on Advanced Technologies for Communications (ATC). IEEE. 2015. p. 651-656 <https://doi.org/10.1109/ATC.2015.7388412>

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

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

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

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

Fedotov A, Pominova D, Orlovskaya E, Orlovskii Y, Niemi T, Gumenyuk R. **Analysis of upconversion nanoparticles as an active medium for upconversion light sources.** In Proceedings of SPIE: Optical Components and Materials XVI. Vol. 10914. S P I E - International Society for Optical Engineering. 2019. 109140R. (Proceedings of SPIE : the International Society for Optical Engineering). <https://doi.org/10.1117/12.2507599>

Monakhov D, Naik D, Curcio IDD, Toukoma H. **Analysis of User Exploration Patterns during Scene Cuts in Omnidirectional Videos.** In SMPTE 2018. SMPTE. 2018 <https://doi.org/10.5594/M001845>

Kerminen R, Wang C, Visa A. **Analysis on bus travel time through traffic light intersection.** In ITS World Congress 2015 Proceedings: Towards Intelligent Mobility – Better Use of Space. 2015. EU-ITS-2051

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

Rajput S, Averbukh M, Yahalom A, Minav T. **An approval of MPPT based on pv cell's simplified equivalent circuit during fast-shading conditions.** Electronics (Switzerland). 2019 Sep 1;8(9). 1060. <https://doi.org/10.3390/electronics8091060>

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

Lampio K, Karvinen R. **A new method to calculate natural convection heat transfer from a non-isothermal fin array.** In Neshumayev D, Sunden B, editors, Proceedings of the 7th Baltic Heat Transfer Conference, August 24-26 2015, Tallinn Estonia. Tallinn: Tallinn University of Technology. 2015. (Baltic Heat Transfer Conference BHTC).

- Alberucci A, Pannian JC, Slussarenko S, Piccirillo B, Santamato E, Marrucci L et al. **A new waveguiding mechanism based upon geometric phase**. In *Frontiers in Optics 2016*. Optical Society of America (OSA). 2016. FF3H.3
- Suojanen M, Kuikka V, Nikkarila JP, Nurmi J. **An example of scenario-based evaluation of military capability areas An impact assessment of alternative systems on operations**. In *9th Annual IEEE International Systems Conference, SysCon 2015 - Proceedings*. The Institute of Electrical and Electronics Engineers, Inc. 2015. p. 601-607
<https://doi.org/10.1109/SYSCON.2015.7116817>
- Mardoukhi A, Saksala T, Hokka M, Kuokkala V-T. **An experimental and numerical study of the dynamic Brazilian disc test on Kuru granite**. In *Proceedings of the XII Finnish Mechanics Day*. 2015. p. 210-215
- Rivero-Rodriguez A, Pileggi P, Nykänen O. **An Initial Homophily Indicator to Reinforce Context-Aware Semantic Computing**. In *7th International Conference on Computational Intelligence, Communication Systems and Networks (CICSyN)*. Riga: IEEE. 2015. p. 89-93. (International Conference on Computational Intelligence, Communications and Networks). <https://doi.org/10.1109/CICSyN.2015.26>
- Nurminen H, Ardeshiri T, Piche R, Gustafsson F. **A NLOS-robust TOA positioning filter based on a skew-t measurement noise model**. In *2015 International Conference on Indoor Positioning and Indoor Navigation (IPIN)*. IEEE. 2015. p. 1-7
<https://doi.org/10.1109/IPIN.2015.7346786>
- Krogerus T, Hyvönen M, Backas J, Huhtala K. **Anomaly Detection and Diagnostics of a Wheel Loader Using Dynamic Mathematical Model and Joint Probability Distributions**. In *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 S, Murugesan A, Yli-Harja O, Kandhavelu M. **Anticancer activity of THMPP: Downregulation of PI3K/ S6K1 in breast cancer cell line**. *Saudi Pharmaceutical Journal*. 2020 Apr 1;28(4):495-503.
<https://doi.org/10.1016/j.jsps.2020.02.015>
- Kivimäki J, Suntio T. **Appearance of a Drift Problem in Variable-step Perturbative MPPT Algorithms**. In *31st European Photovoltaic Solar Energy Conference and Exhibition (EU PVSEC)*. 2015. p. 1602-1608
<https://doi.org/10.4229/EUPVSEC20152015-5AO.9.2>
- Devillers R, (ed.), Valmari A, (ed.). **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)).
<https://doi.org/10.1007/978-3-319-19488-2>
- Lau Sarmiento A, Bartholomeus H, Herold M, Martius C, Malhi Y, Patrick Bentley L et al. **Application of terrestrial LiDAR and modelling of tree branching structure for plant- scaling models in tropical forest trees**. In *Proceedings of SilviLaser 2015: 14th conference on Lidar Applications for Assessing and Managing Forest Ecosystems*. 2015. p. 96-98
- Saari M, Mäkinen T, Linna P. **Applying third-party moocs in programming education: a case study**. In *9th International Conference on Education and New Learning Technologies: 3-5 July, 2017 Barcelona, Spain*. Barcelona, Spain: IATED. 2017. p. 53-59 <https://doi.org/10.21125/edulearn.2017.1014>
- Ferrer BR. **A Proposal of Decentralized Architecture for OKD-MES**. In *Strzelczak S, Balda P, Garetti M, Lobov A, editors, Open Knowledge-Driven Manufacturing & Logistics: The eScop Approach*. Warsaw: Warsaw University of Technology Publishing House. 2015. p. 331-340
- Tewfik M, Amr A. **Arbitrary Land Use Policy in Jordan between Legal Brand and Property Control**. *European International Journal of Science and Technology*. 2014 Dec;3(9):86-93.

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

Passinmäki P. **Architecture beyond signs and symbols : Zumthor's response to the problems of aesthetics**. ARQ- Architectural Research Quarterly. 2016 May 12;19(4):325-328. <https://doi.org/10.1017/S1359135516000038>

Iarovyi S, Xu X, Lobov A, Lastra JLM, Strzelczak S. **Architecture for Open, Knowledge-Driven Manufacturing Execution System**. In Advances in Production Management Systems: Innovative Production Management Towards Sustainable Growth. Springer. 2015. p. 519-527 https://doi.org/10.1007/978-3-319-22759-7_60

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

El-Khozondar H, El-Khozondar R, Matter K, Suntio T. **A review study of photovoltaic array maximum power point tracking algorithms**. Renewables: Wind, Water, and Solar. 2016 Feb 18;3(1). <https://doi.org/10.1186/s40807-016-0022-8>

Tartia J. **Arkinen liikkuminen kontekstina kaupunkitilan tarkasteluun**. Versus. 2015.

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

Jääskeläinen A, Schiele H, Aarikka-Stenroos L. **A social capital perspective on gaining optimal solutions from suppliers as preferred customer**. In Academy of Management Proceedings. 1 ed. Vol. 2018. Academy of Management AOM. 2018. (Academy of Management Proceedings; 1). <https://doi.org/10.5465/AMBPP.2018.16278abstract>

Drossos K, Floros A, Potirakis S, Tatlas N-A, Tuna G. **A Socially-Intelligent Multi-Robot Service Team for In-Home Monitoring**. In Information, Intelligence, Systems and Applications, IISA 2014, The 5th International Conference on. IEEE. 2014. p. 159-164 <https://doi.org/10.1109/IISA.2014.6878763>

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

Gómez-Herrero G, Wu W, Rutanen K, Soriano MC, Pipa G, Vicente R. **Assessing coupling dynamics from an ensemble of time series**. Entropy. 2015;17(4):1958-1970. <https://doi.org/10.3390/e17041958>

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

Saari U, Aarikka-Stenroos L, Boedeker S, Köppä L, Langwaldt J. **Assessing the usefulness of an early idea development tool among experienced researchers**. CERN IdeaSquare Journal of Experimental Innovation. 2017 Dec 22;1(2):3-8. <https://doi.org/10.23726/cij.2017.476>

Sheikh M, Biswas R, Lempiainen J, Jantti R. **Assessment of Coordinated Multipoint Transmission Modes for Indoor and Outdoor Users at 28 GHz in Urban Macrocellular Environment**. Advances in Science, Technology and Engineering Systems Journal (ASTESJ). 2019 Mar 16;4(2):119-126. <https://doi.org/10.25046/aj040216>

Einolander J, Vanharanta H. **Assessment of student retention using the Evolute approach, an overview**. In 6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015) and the Affiliated Conferences, AHFE 2015. Elsevier. 2015. p. 581-586. (Procedia Manufacturing). <https://doi.org/10.1016/j.promfg.2015.07.269>

Grigonyte J, Sippula O, Tissari J, Laitinen A, Keskinen J, Kortelainen M et al. **A study of a condensing heat exchanger and electrostatic precipitator combination for small-scale wood combustion.** In European Aerosol Conference 2015: EAC 2015, Milan, Italy. 2015. 2COA_P021

D'Ignazio M, Di Buo B, Länsivaara T. **A study on the behaviour of the weathered crust in the Perniö failure test.** In Proceedings of the XVI ECSMGE 2015: 13-17 September 2015 - Edinburgh, Geotechnical Engineering for Infrastructure and Development. ICE Publishing. 2015. p. 3639-3644

Kylliäinen M, Oliva D, Rekola L, Hongisto V. **Asuinhuoneistojen betoniväli­pohjien askelääneneristyksen subjektiivinen ja objektiivinen arviointi.** In Akustiikkapäivät 2015. Kuopio: Akustinen seura. 2015. p. 204-207. (Akustiikkapäivät).

Lohan E-S, Kauppinen T, Debnath SBC. **A Survey of People Movement Analytics Studies in the Context of Smart Cities.** In Proceedings of the FRUCT'19. 2016. p. 151-158 <https://doi.org/10.23919/FRUCT.2016.7892195>

Prudanov A, Tkachev S, Golos N, Masek P, Hosek J, Fujdiak R et al. **A trial of yoking-proof protocol in RFID-based smart-home environment.** In Distributed Computer and Communication Networks - 19th International Conference, DCCN 2016, Revised Selected Papers. Vol. 678. Springer Verlag. 2016. p. 25-34. (Communications in Computer and Information Science). https://doi.org/10.1007/978-3-319-51917-3_3

Heinimäki TJ, Elomaa T. **Augmenting Technology Trees: Automation and Tool Support.** In Proceedings of the Seventh International Conference on Virtual Worlds and Games for Serious Applications (VS-Games 2015). IEEE. 2015. p. 68-75 <https://doi.org/10.1109/VS-GAMES.2015.7295765>

Kouhia R, Holopainen S, Ottosen NS, Matti R, Saksala T. **A unified lcf-hcf model based on continuum mechanics.** 2016. Paper presented at Nordic Seminar on Computational Mechanics, .

Pöllänen M, Nykänen L. **Automated driving and the key megatrends of future.** In ITS European Congress: 10th ITS EUROPEAN CONGRESS, Helsinki, Finland 16-19 June 2014. 2014. TP0067

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

Mimilakis SI, Drossos K, Floros A, Katerelos D. **Automated Tonal Balance Enhancement for Audio Mastering Applications** . In Audio Engineering Society Convention 134. AES Audio Engineering Society. 2013

Zare M, Neeli-Venkata R, Martins L, Peltonen S, Ruotsalainen U, Ribeiro AS. **Automatic Classification of Z-ring Formation Stages at the Single Cell Level in Escherichia Coli by Machine Learning.** In Silveira M, Fred A, Gamboa H, Vaz M, editors, Proceedings of the 10th International Joint Conference on Biomedical Engineering Systems and Technologies, Vol 2: Bioimaging. SCITEPRESS. 2017. p. 72-76

Kanerva M, Besharat Z, Pärnänen T, Jokinen J, Honkanen M, Sarlin E et al. **Automatization and stress analysis data of CoCr laser weld fatigue tests.** Data in Brief. 2019 Oct 1;26. 104374. <https://doi.org/10.1016/j.dib.2019.104374>

Fouladi A, Järvenhaara J, Filanovsky IM, Tchamov NT. **A Variable Battery Supply DC-DC Buck Converter Designed for 45nm-CMOS Technology.** In 2016 IEEE Canadian Conference on Electrical and Computer Engineering (CCECE), Vancouver, May 15-18, 2016.. 2016 <https://doi.org/10.1109/CCECE.2016.7726839>

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

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

Bautista GS, Johansson A, Parappurath N, Herranen O, Myllyperkiö P, Jiang H et al. **Background-Free Second-Harmonic Generation Microscopy of Individual Carbon Nanotubes**. In Nonlinear Optics 2015: Kauai, Hawaii United States 26–31 July 2015. OSA. 2015. NW1A.5. (Nonlinear Optics Conference Series). <https://doi.org/10.1364/NLO.2015.NW1A.5>

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

Laitinen A, Santa-aho S, Lukinmaa H, Suominen L, Vippola M. **Barkhausen noise Potcore sensor simulations with Comsol**. In 12th International Conference on Barkhausen Noise and Micromagnetic Testing. ICBM. 2017. p. 97-107

Tariq AB. **Beaconing in a highway scenario: Vulnerable vehicles problem**. In Proceedings of the 11th Conference of Open Innovations Association FRUCT, FRUCT 2012. Vol. 2012-April. IEEE. 2012. p. 169-175
<https://doi.org/10.23919/FRUCT.2012.8253122>

Drossos K, Floros A, Giannakouloupoulos A. **BEADS: A dataset of Binaural Emotionally Annotated Digital Sounds**. In Information, Intelligence, Systems and Applications, IISA 2014, The 5th International Conference on. IEEE. 2014. p. 158-163 <https://doi.org/10.1109/IISA.2014.6878749>

Tuominen E, Vinha J, Raunima T. **Behavior of capacitive humidity sensors in monitoring the drying of concrete walls**. MATEC Web of Conferences. 2019;282. 02053. <https://doi.org/10.1051/mateconf/201928202053>

Michele Felicetti A, Ammirato S, Raso C, Aramo-Immonen H, Jussila J. **Being a start-upper in Italy: Motivations, obstacles and success factors**. In Proceedings of the 11th forum on knowledge asset dynamics: Towards a new architecture of knowledge: big data, culture and creativity. Dresden. 2016. p. 1370-1383. 182

Viheriäköski T, Kohtamäki J, Peltoniemi T, Tamminen P. **Benchmarking of Factory Level ESD Control**. In Electrical Overstress/Electrostatic Discharge Symposium Proceedings 2015. Vol. 2015. USA: IEEE COMPUTER SOC. 2015. 6B.1
<https://doi.org/10.1109/EOESD.2015.7314769>

Zakeri FS, Bätz M, Jaschke T, Keinert J, Chuchvara A. **Benchmarking of several disparity estimation algorithms for light field processing**. In Bazeille S, Verrier N, Cudel C, editors, Fourteenth International Conference on Quality Control by Artificial Vision. SPIE, IEEE. 2019. 111721C. (Proceedings of SPIE - The International Society for Optical Engineering).
<https://doi.org/10.1117/12.2521747>

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

Vänttinen K, Tuominen E, Vinha J. **Betonin kosteusteknisten materiaaliominaisuuksien määrittäminen**. In Vinha J, Kivioja H, editors, Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere. Vol. 2. Tampere: Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka. 2017. p. 461-470. (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.).

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

Reyes G, Lundahl M, Borghei M, King AWT, Lahti J, Rojas OJ. **Biocaced nanofibrilated films and yarns via ionic liquids**. *Celulosa Y Papel*. 2019;35(4):18-20.

Kekonen A, Bergelin M, Eriksson J-E, Ylänen H, Kielosto S, Viik J. **Bioimpedance measurement system for evaluation of the status of wound healing**. In 2016 15th Biennial Baltic Electronics Conference (BEC) . IEEE. 2016. p. 175-178
<https://doi.org/10.1109/BEC.2016.7743757>

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

Abramova VV, Kozhemiakin R, Abramov SK, Lukin VV, Zelensky AA, Egiazarian K. **Blind estimation of speckle variance in synthetic aperture radar images**. In 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings. The Institute of Electrical and Electronics Engineers, Inc. 2015 <https://doi.org/10.1109/ICATT.2015.7136846>

Mäkitalo J. **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 et al. **Breathers Emergence in Spontaneous Modulation Instability**. In European Quantum Electronics Conference 2015. Optical Society of America (OSA). 2015. EF_P_25

Pakkanen J. **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 J, Heljo J, Järventausta P, Honkapuro S, Harsia P. **Building Codes and Demand Response of Energy Use**. In Nenonen S, Junnonen J-M, editors, Proceedings of the CIB World Building Congress 2016: Volume IV: Understanding Impacts and Functioning of Different Solutions. Vol. 4. Tampere University of Technology. Department of Civil Engineering. 2016. p. 8-21

Haverinen-Shaughnessy U, Pekkonen M, Turunen M, Aaltonen A, Leivo V. **Building energy retrofits, occupant health and wellbeing**. In Prins M, Wamelink H, Giddings B, Ku K, Feenstra M, editors, CIB World Building Congress 2016 Proceedings : Volume 2 Environmental Opportunities and challenges - Constructing commitment and acknowledging human experiences. Vol. 2. Tampere University of Technology. Department of Civil Engineering. 2016. p. 679-687

Spruijt-Metz D, Hekler E, Saranummi N, Intille S, Korhonen I, Nilsen W et al. **Building new computational models to support health behavior change and maintenance: new opportunities in behavioral research**. *Translational Behavioral Medicine*. 2015 Sep 17;5(3):335-346. <https://doi.org/10.1007/s13142-015-0324-1>

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

Aarikka-Stenroos L, Ranta V. **Business catalysts for the Circular Economy innovations**. In 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**. In EDULEARN17 Proceedings. 9th International Conference on Education and New Learning Technologies: 3-5 July, 2017, Barcelona, Spain. IATED. 2017. p. 6387-6393
<https://doi.org/10.21125/edulearn.2017.2451>

Hellsten P, Myllärniemi J. **Business intelligence process model revisited**. In Bernardino J, Salgado A, Filipe J, editors, IC3K 2019 - Proceedings of the 11th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management. SCITEPRESS. 2019. p. 341-348. (IC3K 2019 - Proceedings of the 11th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management).

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

Kurvinen A, Sorri J. **Bus Transportation Accessibility - Does It Impact Housing Values?** In Nenonen S, Junnonen J-M, editors, Proceedings of the CIB World Building Congress 2016: Understanding impacts and functioning of different solutions. Vol. IV. Tampere: Tampere University of Technology. Department of Civil Engineering. 2016. p. 321-331

Annala P, Lahdensivu J, Pikkuvirta J, Pakkala T. **By64 Tuulettuvat julkisivut 2016 -suunnittelu- ja toteusohjeen laadinta**. In Vinha J, Ruuska T, editors, Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere. Tampere: Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka. 2015. p. 109-114

Toivari E, Manninen T, Nahata AK, Jalonen TO, Linne M-L. **Calcium signaling in astrocytes: modeling Fura-2AM measurements**. Frontiers in Neuroscience. 2010. <https://doi.org/10.3389/conf.fnins.2010.13.00061>

Tuominen E, Vinha J. **Calculation method to determine capillary properties of building materials with automatic free water intake test**. MATEC Web of Conferences. 2019;282. 02037. <https://doi.org/10.1051/mateconf/201928202037>

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

Yli-Hietanen J, Ylipää A, Yli-Harja O. **Cancer research in the era of next-generation sequencing and big data calls for intelligent modeling**. Chinese Journal of Cancer. 2015 Apr 11;34(10). 12. <https://doi.org/10.1186/s40880-015-0008-8>

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

Huttunen H, Shokrollahi Yancheshmeh F, Chen K. **Car Type Recognition with Deep Neural Networks**. In 2016 IEEE Intelligent Vehicles Symposium, IV 2016. IEEE. 2016. p. 1115-1120 <https://doi.org/10.1109/IVS.2016.7535529>

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

Matikainen V, Rubio S, Ojala N, Koivuluoto H, Schubert J, Houdková S et al. **Cavitation erosion, slurry erosion and solid particle erosion performance of metal matrix composite (MMC) coatings sprayed with modern high velocity thermal spray processes**. In 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. p. 1161-1163

Kiilakoski J, Lukac F, Koivuluoto H, Vuoristo P. **Cavitation wear characteristics of Al₂O₃-ZrO₂-ceramic coatings deposited by APS and HVOF -processes**. In International Thermal Spray Conference ITSC 2017, Conference Proceedings: June 7-9, 2017, Düsseldorf, Germany.. Vol. 336. Düsseldorf: DVS Media GmbH. 2017. p. 928-933. (DVS-Berichte / DVS - Deutscher Verband für Schweißen und Verwandte Verfahren e.V.).

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

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

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

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

Martinsuo M, Ahvenniemi O, Vaitinen E. **Changes in operations when introducing disruptive technologies**. In 22nd EurOMA Conference: Operations management for sustainable competitiveness. Switzerland: European Operations Management Association. 2015

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

Huova M, Ahopelto M, Ketonen M, Ahola V, Linjama M, Huhtala K. **Characteristics of Digital Hydraulics with Commercial Controllers**. In The Seventh Workshop on Digital Fluid Power . Linz Center of Mechatronics. 2015. p. 114-128

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

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

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

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

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

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

Rinkinen J, Elo L. **Clean Components of Fluid Power System Reduce Maintenance Costs**. In Maintenance, Condition Monitoring and Diagnostics; Maintenance Performance Measurement and Management: MCMD 2015 and MPMM 2015. 2015. 2 (2015-10-01)

He H, Chen X, Ukkonen L, Virkki J. **Clothing-Integrated Passive RFID Strain Sensor Platform for Body Movement-Based Controlling**. In 2019 IEEE International Conference on RFID Technology and Applications (RFID-TA). IEEE. 2019. p. 236-239 <https://doi.org/10.1109/RFID-TA.2019.8892118>

Knyazev S, Tarakanov S, Kuznetsov V, Porozov Y, Koucheryavy Y, Stepanov E. **Coarse-grained model of protein interaction for bio-inspired nano-communication**. In 2014 6th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT). 2015. p. 260-262 <https://doi.org/10.1109/ICUMT.2014.7002112>

Jussila J, Kukkamäki J, Helander N. **Co-creating digital services for citizens: Activity theory analysis**. In Bernardino J, Salgado A, Filipe J, editors, IC3K 2019 - Proceedings of the 11th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management. SCITEPRESS. 2019. p. 285-290. (IC3K 2019 - Proceedings of the 11th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management). <https://doi.org/10.5220/0008349002850290>

Garifullin M, Bronzova MK, Heinisuo M, Mela K, Pajunen S. **Cold-formed RHS T joints with initial geometrical imperfections**. Magazine of Civil Engineering. 2018;80(4):81-94. <https://doi.org/10.18720/MCE.80.8>

Teymouri S, Calejo MT, Hiltunen M, Sorkio AE, Juuti-Uusitalo K, Skottman H et al. **Collagen-immobilized polyimide membranes for retinal pigment epithelial cell adherence and proliferation**. Cogent Chemistry. 2017 Mar 6;3(1). <https://doi.org/10.1080/23312009.2017.1292593>

Bautista G, Dreser C, Zang X, Kern D, Kauranen M, Fleischer M. **Collective nonlinear optical effects in plasmonic nanohole ensembles of different rotational symmetries**. In CLEO: QELS_Fundamental Science 2018. The Optical Society; OSA. 2018. FW3G.3 https://doi.org/10.1364/CLEO_QELS.2018.FW3G.3

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

Ritola T, Coatanea E. **Combining Product Innovation With Service Innovation to Increase Value Created With a System**. In Proceedings of the ASME international mechanical engineering congress and exposition, 2013, vol 12. AMER SOC MECHANICAL ENGINEERS. 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**. In Proceedings of the 17th Nordic Geotechnical Meeting Reykjavik Iceland: Challenges in Nordic Geotechnic 25th - 28th of May. Reykjavik: Icelandic Geotechnical Society. 2016

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

Munir MW, Shahid N, Omair SM, Munir G, UI Haque MZ. **Comparative investigation of remote tracking devices for aging care**. INTERNATIONAL JOURNAL OF INFORMATION TECHNOLOGY. 2017 Sep 1;9(3):261-266. <https://doi.org/10.1007/s41870-017-0034-7>

Gapeyenko M, Petrov V, Moltchanov D, Yeh SP, Himayat N, Andreev S. **Comparing capacity gains of static and UAV-based millimeter-wave relays in clustered deployments**. In 2020 IEEE International Conference on Communications Workshops, ICC Workshops 2020 - Proceedings. IEEE. 2020. (IEEE/CIC international conference on communications in China - workshops). <https://doi.org/10.1109/ICCWorkshops49005.2020.9145216>

López Baeza J, Cerrone D, Männigo K. **Comparing two methods for Urban Complexity calculation using Shannon-Wiener index**. In Comparing two methods for Urban Complexity calculation using Shannon-Wiener index. WIT Press. 2017. p. 369-378. (WIT Transactions on Ecology and The Environment). <https://doi.org/10.2495/SDP170321>

Ruusala A, Laukkarinen A, Vinha J. **Comparison between calculated and billed building energy consumption values of schools and daycare centers.** MATEC Web of Conferences. 2019;282. 02085. <https://doi.org/10.1051/matecconf/201928202085>

Alexandru R-C, Lohan E-S. **Comparison of Detection Techniques for Multipath Propagation of Pseudolite Signals Used in Dense Industrial Environments.** Procedia Engineering. 2015;100(C):1294-1300. <https://doi.org/10.1016/j.proeng.2015.01.496>

Kallonen A, Nieminen H, Das S, Sallinen R. **Comparison of food frequency questionnaire data and shopping records for the assessment of food intake.** In Proceedings of Seventh International Conference on Well-Being in the Information Society: Fighting Inequalities (WIS 2018). 2018. p. 25-30. (TUCS Lecture Notes).

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

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

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

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

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

Holopainen S, Kouhia R, Könnö J, Saksala T. **Computational modelling of high-cycle fatigue using a continuum based model.** In Proceedings of the NSCM28: 28th Nordic Seminar on Computational Mechanics, October 22 – 23, 2015, Tallinn, Estonia. 2015. p. 71-74

Katkovnik V, Shevkunov I, Petrov NV, Egiazarian K. **Computational wavelength resolution for in-line lensless holography: Phase-coded diffraction patterns and wavefront group-sparsity.** In Digital Optical Technologies 2017. SPIE. 2017. 1033509. (Proceedings of SPIE). <https://doi.org/10.1117/12.2269327>

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

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

Niemi JV, Saarikoski S, Pirjola L, Taimisto P, Pulkkinen A, Yli-Tuomi T et al. **Concentration and composition gradients of exhaust and non-exhaust particles near a major road**. In EAC 2015, European Aerosol Conference, 6-11 September, 2015, Milan, Italy. 2015

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

Keinänen M, Uotila U, Sorri J, Teriö O, Kähkönen K. **Consensus building in the pre-design phase of building projects**. In Prins M, Wamelink H, Giddings B, Ku K, Feenstra M, editors, WBC16 Proceedings of the CIB World Building Congress 2016 Volume II : Environmental Opportunities and challenges, Constructing commitment and acknowledging human experiences. Vol. Volume II . Tampere University of Technology. Department of Civil Engineering. 2016. p. 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**. In 2018 IEEE 19th Workshop on Control and Modeling for Power Electronics, COMPEL 2018. IEEE. 2018. 8460173 <https://doi.org/10.1109/COMPEL.2018.8460173>

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

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

Saari U, Mäkinen S, Alinikula P. **Consumers' Views on Eco-Friendliness as a Dimension of a High-Tech Brand**. In Going Green - CARE INNOVATION 2014 . SAT Austrian Society for Systems Engineering and Automation. 2014. p. 1-8. 067

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

Vainio M. **Continuous-wave optical parametric oscillators for mid-infrared spectroscopy**. In Schunemann PG, Schepler KL, editors, Nonlinear Frequency Generation and Conversion: Materials and Devices XIX. SPIE. 2020. 1126419. (Proceedings of SPIE - The International Society for Optical Engineering). <https://doi.org/10.1117/12.2548711>

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

Rautiainen A, Lummi K, Järventausta P, Tikka V, Lana A. **Control of Electric Vehicle Charging in Domestic Real Estates as Part of Demand Response Functionality**. In Cired Workshop 2016. 2016. 0240

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

Helander N, Vesalainen J, Juha P. **Coopetition and company performance**. In IMP 2015 Conference. 2015

- Keinänen M, Kähkönen K. **Core Project Team As a Management Entity for Construction Projects**. In *bo: Ricerche e progetti per il territorio, la città e l'architettura*. Construction Management. 2018;9(13):208-217.
- Brechet N, Ginestet G, Moradi E, Ukkonen L, Torres J, Björninen T et al. **Cost- and time-effective sewing patterns for embroidered passive UHF RFID tags**. In Proceedings of IEEE 2017 International Workshop on Antenna Technology. IEEE. 2017. p. 30-33 <https://doi.org/10.1109/IWAT.2017.7915289>
- Mela K, Hietaharju L. **Cost optimization of end-plate connections**. In Proceedings of Nordic Steel 2019: CE/papers Special Issue. Vol. 3. Wilhelm Ernst und Sohn. 2019. p. 349-354. (CE/papers). <https://doi.org/10.1002/cepa.1065>
- Martinsuo M, Kivilä J, Heikkilä J. **Creating sustainable value in manufacturing operations: the role of an external service provider**. In 22nd EurOMA Conference: Operations management for sustainable competitiveness. Switzerland: European Operations Management Association. 2015
- Vainio T, Walsh T, Varsaluoma J. **Cross-Cultural Design of Mobile Mathematics Learning Service for South African Schools**. IADIS International Journal on WWW/Internet. 2015;12(1):81-93.
- Niemi H, Multisilta J, Löfström E. **Crossing Boundaries for Learning – through Technology and Human Efforts**. CICERO Learning Network, University of Helsinki, 2014.
- Bernhardt J, Helander N, Jussila J, Kärkkäinen H. **Crowdsourcing in Business-to-Business Markets: A Value Creation and Business Model Perspective**. In Encyclopedia of E-Commerce Development, Implementation, and Management. United States: IGI Global. 2016. p. 933-943. 66 <https://doi.org/10.4018/978-1-4666-9787-4.ch066>
- Jarusriboonchai P, Olsson T, Prabhu V, Väänänen-Vainio-Mattila K. **CueSense: a Wearable Proximity-Aware Display Enhancing Encounters**. In CHI EA '15 Proceedings of the 33rd Annual ACM Conference Extended Abstracts on Human Factors in Computing Systems . ACM. 2015 <https://doi.org/10.1145/2702613.2732833>
- Jaakkola H, Thalheim B. **Culture-Aware Web Information System Development**. In Welzer T, Hölbl M, Kiyoki Y, Thalheim B, Jaakkola H, editors, 25th International Conference on Information Modelling and Knowledge Bases EJC 2015 June 9-12, 2015, Maribor, Slovenia. Maribor: University of Maribor, Faculty of Electrical Engineering and Computer Science. 2015. p. 121-138
- Jaakkola H, Thalheim B. **Culture-Aware Web Information Systems in Dependence of Context**. In Somlertlamvanich V, Chawakitchareon P, Hansuebsai A, Koopipat C, Kiyoki Y, Jaakkola H, Thalheim B, Yoshida N, editors, The Proceedings of the 27th International Conference on Information Modelling and Knowledge Bases. Sirindhorn International Institute of Technology, Thammasat University, Thailand. 2017. p. 309-331
- Stormi K, Laine T, Suomala P. **Customer lifetime value in manufacturing services**. In Proceedings of the Manufacturing Accounting Research Conference 2016: Lisbon, Portugal, June 15-17, 2016. Belgium: European Institute for Advanced Studies in Management EIASM. 2016
- Helander N, Sillanpää V, Vuori V, Uusitalo O. **Customer Perceived Value - A Key in Marketing of Integrated Solutions**. In Kavoura A, Sakas D, Tomaras P, editors, The 5th International Conference on Strategic Innovative Marketing., At Athens, Greece, Volume: 5: September 23-26, 2016. Springer. 2017. p. 37-42. (Springer Proceedings in Business and Economics). https://doi.org/10.1007/978-3-319-56288-9_6
- Vanharanta H, Kantola J, Seikola S. **Customers' conscious experience in a coffee shop**. In 6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015) and the Affiliated Conferences, AHFE 2015 . Elsevier. 2015. p. 618-625. (Procedia Manufacturing). <https://doi.org/10.1016/j.promfg.2015.07.283>
- Ala-Maakala M, Liimatainen H. **Customer value management framework for supply chains**. In Pawar K, editor, The proceedings of 21st international symposium on logistics (ISL 2016): Sustainable transport and supply chain innovation, Kaohsiung, Taiwan 3-6 July 2016. 2016. p. 447-456

Martinsuo M, Momeni K. **Customized service solutions for project business**. In 23rd Nordic Academy of Management Conference 2015. Nordic Academy of Management. 2015

Nejadsattari F, Zhang Y, Jayakody MN, Bouchard F, Larocque H, Sit A et al. **Cyclic quantum walks: Photonic realization and decoherence analysis**. In Hemmer PR, Migdall AL, Hasan ZU, editors, *Advanced Optical Techniques for Quantum Information, Sensing, and Metrology*. SPIE. 2020. 1129503. (Proceedings of SPIE - The International Society for Optical Engineering). <https://doi.org/10.1117/12.2546566>

Devos M, Ometov A, Mäkitalo N, Aaltonen T, Andreev S, Koucheryavy Y. **D2D communications for mobile devices: Technology overview and prototype implementation**. In 8th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT). IEEE. 2016. p. 124-129 <https://doi.org/10.1109/ICUMT.2016.7765344>

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

Róg T, Orłowski A, Llorente A, Skotland T, Sylvänne T, Kauhanen D et al. **Data including GROMACS input files for atomistic molecular dynamics simulations of mixed, asymmetric bilayers including molecular topologies, equilibrated structures, and force field for lipids compatible with OPLS-AA parameters**. *Data in Brief*. 2016 Jun 1;7:1171-1174. <https://doi.org/10.1016/j.dib.2016.03.067>

Valenti M, Diment A, Parascandolo G, Squartini S, Virtanen T. **DCASE 2016 Acoustic Scene Classification Using Convolutional Neural Networks**. In *Proceedings of the Detection and Classification of Acoustic Scenes and Events 2016 Workshop (DCASE2016)*. Tampere University of Technology. Department of Signal Processing. 2016

Martinsuo M, Arvio I. **Decision making on sustainability in product development projects**. In 15th Annual Conference of EURAM European Academy of Management: EURAM 2015. Warsaw: European Academy of Management, EURAM. 2015

Martinsuo M, Sukanen I, Kivilä J. **Defining product end-of-life strategies in new product development**. In 23rd Nordic Academy of Management Conference NFF 2015- Business in society: NFF 2015. Nordic Academy of Management. 2015

Huuhka S. **Demolished buildings: Empirical evidence on types, ages and construction materials**. In Hajek P, Tywoniak J, Lupisek A, Sojkova K, editors, *CESB16 - Central Europe towards Sustainable Building 2016: Innovations for Sustainable Future*, June 22-24, 2016, Prague. Prague: Czech Technical University in Prague. 2016. p. 1105-1112

Huuhka S. **Demolition Rates of Buildings with Different Functions and Construction Materials**. In Zelezna J, Hajek P, Tywoniak J, Lupisek A, Sojkova K, editors, *YRSB16 - iISBE Forum of Young Researchers in Sustainable Building 2016: Innovations for Sustainable Future* June 21, 2016, Prague. Prague: Czech Technical University in Prague. 2016. p. 301-307

Bernard A, Coatanea E, Christophe F, Laroche F. **Design: A Key Stage of Product Lifecycle**. *Procedia CIRP*. 2014;21:3-9. <https://doi.org/10.1016/j.procir.2014.06.146>

Mäki A-J, Kontunen A, Ryyänen T, Verho J, Kreutzer J, Lekkala J et al. **Design and simulation of a thermal flow sensor for gravity-driven microfluidic applications**. In *IEEE 11th Annual International Conference on Nano/Micro Engineered and Molecular Systems (NEMS)*. IEEE. 2016. p. 125-129 <https://doi.org/10.1109/NEMS.2016.7758214>

Järvinen ST, Saari S, Keskinen J, Toivonen J. **Detailed analysis of laser-induced breakdown spectroscopy of single particles using electrodynamic balance trapping**. In *The European Conference on Lasers and Electro-Optics 2015*. Optical Society of America. 2015. p. CH_7_5

Tenhunen M. **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 A, Rostgaard Evald M, Aarikka-Stenroos L. **Developing commercialization plans through stakeholder interaction: Patterns identified from Public-Private Innovation Projects.** In Vagn Freytag P, Höjbjerg Clarke A, editors, The 31st Annual IMP Conference and Doctoral Colloquium 2015, Kolding, Denmark.. 2015

Joutsenlahti J, Ali-Löyty S, Pohjolainen S. **Developing Learning and Teaching in Engineering Mathematics with and without Technology.** In SEFI 2016 Annual Conference Proceedings: Engineering Education on Top of the World: Industry University Cooperation. European Society for Engineering Education SEFI. 2016

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

Sasaki Y, Suzuki T, Iwagami T, Tani T, Naganuma H, Kino H et al. **Development of chip-surface stimulus electrode array for fully-implantable subretinal prosthesis chip.** Transactions of Japanese Society for Medical and Biological Engineering. 2014 Aug 17;52:O-253-O-254. <https://doi.org/10.11239/jsmbe.52.O-253>

Fang CY, Vallini F, Amili AE, Tukiainen A, Lyytikäinen J, Guina M et al. **Development of efficient electrically pumped nanolasers based on InAlGaAs tunnel junction.** In CLEO: Science and Innovations, CLEO_SI 2018. OSA - The Optical Society. 2018 https://doi.org/10.1364/CLEO_SI.2018.SW4Q.4

Cardin J, Dufour C, KHOMENKOV V, Fafin A, Monnet I, Rizza G et al. **Development of New Kinds of Plasmonics Materials Through Swift Heavy Ion Shaping Technique.** In 7th International Conference on Materials for Advanced Technologies (ICMAT 2013), Jun 2013, Suntec, Singapore. Singapore. 2013

Tani T, Naganuma H, Harashima T, Iwagami T, Kino H, Kiyoyama K et al. **Development of Si neural probe module with adjustable gain amplifier for neuronal signal recording.** Transactions of Japanese Society for Medical and Biological Engineering. 2014 Aug 17;52:O-377-O-378. <https://doi.org/10.11239/jsmbe.52.O-377>

Salmisto A, Keinänen M, Kähkönen K. **Development of students' multidisciplinary collaboration skills by simulation of the design process.** In Proceedings of the CIB World Building Congress 2016: Volume I - Creating built environments of new opportunities.. Vol. 1. 2016. p. 348-360

Hokka M, Mirow N, Nagel H, Vogt S, Kuokkala V-T. **DIC measurements of the human heart during cardiopulmonary bypass surgery.** In Conference Proceedings of the Society for Experimental Mechanics Series. Vol. 6. Springer New York LLC. 2016. p. 51-59 https://doi.org/10.1007/978-3-319-21455-9_6

Kuuluvainen H, Karjalainen P, Saukko E, Nousiainen P, Karhu T, Pirjola L et al. **Diesel engine exhaust particle measurements using a particle size magnifier (PSM).** In EAC 2015, European Aerosol Conference, 6-11 September, 2015, Milan, Italy. 2015

Uusitalo T, Virtanen H, Viheriälä J, Salmi J, Aho AT, Dumitrescu M. **Difference frequency modulation of multi-section dual-mode lasers with nanoscale surface gratings.** In Belyanin AA, Smowton PM, editors, SPIE Proceedings: Novel In-Plane Semiconductor Lasers XV. Vol. 9767. SPIE. 2016. 97670S. (Proceedings of SPIE). <https://doi.org/10.1117/12.2213888>

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

Kuuluvainen H, Karjalainen P, Saukko E, Nilsson O, Sirviö K, Ovaska T et al. **Different types of non-volatile nanoparticles in off-road diesel engine exhaust.** In EAC 2015, European Aerosol Conference, 6-11 September, 2015, Milan, Italy. 2015

Pannian JC, Alberucci A, Boardman A, Assanto G. **Diffraction compensation of finite beams in hyperbolic metamaterials.** In Laser science 2016. Optical Society of America (OSA). 2016. JW4A.10

Ellman A, Tiainen T. **Diffusion of innovation: Case of co-design of cabins in mobile work machine industry.** Computers. 2019 Jun 1;8(2). 39. <https://doi.org/10.3390/computers8020039>

Fischer H, Laamanen A, Iso-Heiko A, Schäfer O, Karvonen M, Karhu O et al. **Digital Hydraulics on Rails – Pilot Project of Improving Reliability on Railway Rolling Stock by Utilizing Digital Valve System.** In Laamanen A, Huhtala K, editors, Proceedings of The Fourteenth Scandinavian International Conference on Fluid Power, SICFP15. 2015. p. 644-654

Soltani A, Curtze S, Lahti J, Järvelä K, Laurikka J, Hokka M et al. **Digital image correlation study of the deformation and functioning of the human heart during open-heart surgery.** In Mechanics of Biological Systems, Materials and other topics in Experimental and Applied Mechanics - Proceedings of the 2017 Annual Conference on Experimental and Applied Mechanics. Vol. 4. Springer New York LLC. 2018. p. 19-27. (Conference Proceedings of the Society for Experimental Mechanics). https://doi.org/10.1007/978-3-319-63552-1_4

Martinsuo M, Ackerman E, Ruusuvoori P. **Digitalisaatio kunnossapidossa.** In Kunnossapidon vuosikirja 2019: Elinjakson hallinta ja hyvä tuotanto-omaisuuden hallintatapa . Kunnossapitoyhdistys ProMaint. 2019. p. 48-54

Karimi N, Kunwar P, Toivonen J. **Direct Laser Writing of Fluorescent Silver Nanoclusters in Polyvinyl Alcohol Films.** In Frontiers in Optics 2015: Proceedings. 2015. FTu5E.4 <https://doi.org/10.1364/FIO.2015.FTu5E.4>

Narhi M, Wetzel B, Billet C, Merolla J-M, Toenger S, Sylvestre T et al. **Direct Measurement of Temporal Rogue Waves Generated by Spontaneous Modulation Instability.** In Frontiers in Optics 2016. Optical Society of America. 2016. FTu3I.4

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

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

Kriesi C, Steinert M, Aalto-Setälä L, Anvik A, Balters S, Baracchi A et al. **Distributed Experiments in Design Sciences, a Next Step in Design Observation Studies?** In Weber C, Husung S, Cantamessa M, Cascini G, Marjanovic D, Venkataraman S, editors, DS 80-2 Proceedings of the 20th International Conference on Engineering Design (ICED 15) Vol 2: Design Theory and Research Methodology Design Processes. DESIGN SOC. 2015. (International Conference on Engineering Design).

Fei ZS, Gao Q, Fu Y, Isotalo T, Niemelä J. **Distributed power allocation over indoor multi-pico stations.** Journal of the Beijing Institute of Technology. 2015 Jun 1;24(2):227-232. <https://doi.org/10.15918/j.jbit1004-0579.201524.0214>

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

Jussila J, Aramo-Immonen H, Rouvari O, Porkka P, Ammirato S. **Does Strategic and Innovative Fit Indicate Smart Social Media use in a Company?** In 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. p. 1973-1983. 249

Isotalo TJ, Niemi T. **Dots-on-the-fly electron beam lithography**. In Bencher C, editor, SPIE Proceedings: Alternative Lithographic Technologies VIII. Vol. 9777. SPIE. 2016. 97771E. (Proceedings of SPIE). <https://doi.org/10.1117/12.2219136>

Kahle H, Phung H-M, Penttinen J-P, Rajala P, Tukiainen A, Ranta S et al. **Double-side pumped membrane external-cavity surface-emitting laser (MECSEL) with increased efficiency emitting > 3 W in the 780 nm region**. In 2019 Conference on Lasers and Electro-Optics, CLEO 2019 - Proceedings. IEEE. 2019 <https://doi.org/10.23919/CLEO.2019.8749958>

Allahham MHDS, Al-Sa'd MF, Al-Ali A, Mohamed A, Khattab T, Erbad A. **DroneRF dataset: A dataset of drones for RF-based detection, classification and identification**. Data in Brief. 2019 Oct 1;26. 104313. <https://doi.org/10.1016/j.dib.2019.104313>

Sollami Delekta S, Laurila M-M, Mäntysalo M, Li J. **Drying-Mediated Self-Assembly of Graphene for Inkjet Printing of High-Rate Micro-supercapacitors**. Nano-Micro Letters. 2020 Jan 27;12. 40. <https://doi.org/10.1007/s40820-020-0368-8>

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

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

Uusitalo T, Virtanen H, Viheriälä J, Salmi JO, Aho A, Dumitrescu M. **Dual-Mode Behavior in Multi-Section DFB Semiconductor Lasers with Laterally-Coupled Ridge-Waveguide Surface Gratings**. In The European Conference on Lasers and Electro-Optics 2015. OSA - The Optical Society. 2015. CB_P_26

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

Jokipii J, Suntio T. **Dynamic characteristics of three-phase Z-source-based photovoltaic inverter with asymmetric impedance network**. In 9th International Conference on Power Electronics ECCE Asia (ICPE-ECCE Asia). IEEE. 2015. p. 1976-1983 <https://doi.org/10.1109/ICPE.2015.7168049>

Stoykova E, Nazarova D, Berberova N, Gotchev A, Ivanov B, Mateev G. **Dynamic laser speckle metrology with binarization of speckle patterns**. In 19th International Conference and School on Quantum Electronics: Laser Physics and Applications. SPIE. 2017. 102260R. (Proceedings of SPIE). <https://doi.org/10.1117/12.2262330>

Toenger S, Godin T, Billet C, Dias F, Erkintalo M, Genty G et al. **Dynamics of rogue wave and soliton emergence in spontaneous modulation instability**. In CLEO: QELS - Fundamental Science, CLEO_QELS 2015. Optical Society of America (OSA). 2015 https://doi.org/10.1364/CLEO_QELS.2015.FW4D.2

Tiitola V, Korhonen T, Laine T, Lyly-Yrjänäinen J. **Dynamics of value in technology inspired value co-creation: Case in homecare value network**. In 14th IFKAD 2019 Proceedings: 5-7 June 2019, Matera, Italy. IKAM Centro Studi & Ricerche. 2019. (PROCEEDINGS IFKAD).

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

Kähkönen K, Huovinen P, Keinänen M. **Editorial**. Procedia Economics and Finance. 2015;21:1-5.

Christiansen J, Birkinshaw J, Le Masson P, Mäkinen S. **Editorial: Experiments in an Organisational Context**. CERN IdeaSquare Journal of Experimental Innovation. 2017;1(2). <https://doi.org/10.23726/cij.2017.684>

Juuti PS. **Editorial: Information to support decision-making**. Ympäristöhistoria: Finnish Journal of Environmental History. 2017 May;2017(1):5-6.

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

Niemelä P, Di Flora C, Helevirta M, Isomöttönen V. **Educating future coders with a holistic ICT curriculum and new learning solutions**. In 7th International Multi-Conference on Complexity, Informatics and Cybernetics, IMCIC 2016 and 7th International Conference on Society and Information Technologies, ICSIT 2016. Vol. 2. IIS. 2016. p. 132-136

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

Kuula P, Leppänen M, Kolisoja P, Korkiala-Tanttu L, Sorvari J, Gustavsson H. **Education on the utilization of secondary materials in earthworks**. In Lahtinen P, Raasakka V, editors, Proceedings of the 10th International Conference on the Environmental and Technical Implications of Construction with Alternative Materials: No Gradle no Grave Circular Economy into practice. RIL - Finnish Association of Civil Engineers. 2018. p. 177-187

Aapro A, Messo T, Suntio T. **Effect of active damping on the output impedance of PV inverter**. In IEEE 16th Workshop on Control and Modeling for Power Electronics (COMPEL). 2015 <https://doi.org/10.1109/COMPEL.2015.7236463>

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

Tan LC, Nancharaiyah YV, van Hullebusch ED, Lens PNL. **Effect of elevated nitrate and sulfate concentrations on selenate removal by mesophilic anaerobic granular sludge bed reactors**. Environmental Science: Water Research & Technology. 2018;4(2):303-314 . <https://doi.org/10.1039/C7EW00307B>

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

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**. Journal of Ceramic Science and Technology. 2017 Mar;8(1):39-43. <https://doi.org/10.4416/JCST2016-00071>

Baczkiwicz J, Pajunen S, Heinisuo M. **Effect of radiation inside square hollow section under moderate non-symmetric fire**. Fire Research. 2018 Jul 27;2(1):25-30. 2:42. <https://doi.org/10.4081/fire.2018.42>

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

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

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

Mardoukhi A, Hokka M, Kuokkala V-T. **Effects of surface cracks and strain rate on the tensile behavior of Balmoral Red granite.** In 11th International Conference on the Mechanical and Physical Behaviour of Materials Under Dynamic Loading. EDP Sciences. 2015. 02007

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

Ma S, Sydänheimo L, Ukkonen L, Björninen T. **Electrically small UHF RFID tag antenna based on an inductively coupled resonant LC tank.** In Proceedings of the 2019 IEEE Asia-Pacific Microwave Conference, APMC 2019. IEEE. 2019 <https://doi.org/10.1109/APMC46564.2019.9038618>

Lummi K, Rautiainen A, Järventausta P, Heine P, Lehtinen J, Hyvärinen M. **Electricity Distribution Network Tariffs - Present Practices, Future Challenges and Development Possibilities.** In CIRED Workshop 2016. 2016

Laine K, Sipilä E, Anderson M, Sydänheimo L. **Electronic Exam in Electronics Studies.** In SEFI Annual Conference 2016: Engineering Education on Top of the World: Industry University Cooperation. 2016

Assanto G, Perumbilavil S, Piccardi A, Kauranen M. **Electro-optic steering of random laser emission in liquid crystals.** Photonics Letters of Poland. 2018;10(4):103-105. <https://doi.org/10.4302/plp.v10i4.852>

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

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

Niemelä P, Valmari A. **Elementary math to close the digital skills gap.** In CSEDU 2018 - Proceedings of the 10th International Conference on Computer Supported Education. Vol. 2. SCITEPRESS. 2018. p. 154-165 <https://doi.org/10.5220/0006800201540165>

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

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

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

Drossos K, Floros A, Agavanakis K, Tatlas N-A, Kanellopoulos N. **Emergency Voice/Stress - level Combined Recognition for Intelligent House Applications.** In Audio Engineering Society Convention 132. AES Audio Engineering Society. 2012

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

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

Juuti T, Pakkanen J, Lehtonen T. **Empirical study of good, bad and ugly modular engineering solutions in machinery manufacturing industry**. In 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. p. 2981-2990. (Proceedings of the Design Society: International Conference on Engineering Design). <https://doi.org/10.1017/dsi.2019.305>

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

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

Helander N, Okkonen J, Vuori V, Paavilainen N, Kujala J. **Enablers and Restraints of Knowledge Work – Does profession make a difference?** In 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. p. 40-52

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

Keskinen J, Vanhala J, Mäntysalo M, Ruuskanen P. **Energiamavaraiset anturiverkot**. Promaint. 2019;(2):24-26.

Sorri J, Heljo J, Uotila U, Ruusala A. **Energiatehokkuusinformaatio palvelurakennuksissa**. In Rakennusfysiikka 2017: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut : 24.-26.10.2017, Tampere. Vol. 1. Tampere: Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka. 2017. p. 325-330. (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.).

Heljo J, Sorri J, Harsia P. **Energiatehokkuus on entistä enemmän sähkötehon hallintaa**. In Vinha J, Kivioja H, editors, Rakennusfysiikka 2017: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere. Vol. 1. Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka. 2017. p. 281-286. (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.).

Teriö O, Sorri J. **Energiatehokkuus rakennusalan ammattityövoiman täydennyskoulutuksessa**. In Vinha J, Ruuska T, editors, Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere. Tampere: Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka. 2015. p. 97-102

Ikkala K, Lanz M, Kiviö J, Coatanéa E. **Energy efficiency evaluation method for machine tools**. In Flexible Automation and Intelligent Manufacturing 2015. The Choir Press. 2015. p. 58-65

Du L, Leivo V, Prasauskas T, Turunen M, Kiviste M, Martuzevicius D et al. **Energy Retrofits in Multi-family Buildings in North-east Europe: The Impacts on Thermal Conditions**. Energy Procedia. 2015 Nov;78:860-864.
<https://doi.org/10.1016/j.egypro.2015.11.008>

Laine T, Suomala P, Saukkonen N. **Engaging facts and feelings in management accounting practices**. In 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 M, Niemi H, Jäppinen J, Lindqvist M. **Engelin teatterin huoneakustiikan mallintaminen**. In Akustiikkapäivät 2015. Akustinen seura. 2015. p. 145-150. (Akustiikkapäivät).

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

Kauranen M, Czaplicki R, Mäkitalo J, Lehtolahti J, Koskinen K, Laukkanen J et al. **Enhancement mechanisms for second-harmonic generation from metal nanostructures**. In PROCEEDINGS OF SPIE: Ultrafast Phenomena and Nanophotonics XX. Vol. 9746. 2015

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

Vaittinen E, Martinsuo M, Nenonen S. **Enhancing the acceptance of advanced services among users of complex systems**. In Baines T, Harrison D, Zolkiewski J, editors, Servitization: Shift, Transform, Grow: Proceedings of the Spring Servitization Conference, 16-17 May 2016 (SSC2016). 2016. p. 162-170

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

Dang D, Pekkola S. **Enterprise architecture and organizational reform: a project debrief**. In 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 S. **Enterprise architecture as strategy, practice, or approach**. In 4th Innovation in Information Infrastructures (III) Workshop. Warwick, UK: University of Warwick. 2015

Chen Z, Dehmer M, Emmert-Streib F, Shi Y. **Entropy of weighted graphs with Randić weights**. Entropy. 2015;17(6):3710-3723. <https://doi.org/10.3390/e17063710>

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

Tamminen P, Viheriäkoski T, Ukkonen L, Sydänheimo L. **ESD and Disturbance Cases in Electrostatic Protected Areas**. In Electrical Overstress / Electrostatic Discharge Symposium Proceedings 2015. Vol. 2015. USA: IEEE COMPUTER SOC. 2015. 5B.2 <https://doi.org/10.1109/EOSESD.2015.7314792>

Tamminen P, Sydänheimo L, Ukkonen L. **ESD Sensitivity of 01005 Chip Resistors and Capacitors**. In 2014 36TH Electrical Overstress/Electrostatic Discharge Symposium (EOS/ESD). IEEE COMPUTER SOC. 2014. (Electrical Overstress Electrostatic Discharge Symposium).

Einojärvi J. **Evaluating organizational commitment in support of organizational leadership**. In 6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015) and the Affiliated Conferences, AHFE 2015. Elsevier. 2015. p. 668-673. (Procedia Manufacturing). <https://doi.org/10.1016/j.promfg.2015.07.300>

Raunio J-P, Makela I, Mäntylä M, Ritala R. **Evaluating the contrast of planar periodic patterns on paper**. In Paper Conference and Trade Show, PaperCon 2018. TAPPI Press. 2018. p. 294-302

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

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

Kart U, Kämäräinen JK, Fan L, Gabbouj M. **Evaluation of visual object trackers on equirectangular panorama**. In VISIGRAPP 2018 - Proceedings of the 13th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications . Vol. 5. SCITEPRESS. 2018. p. 25-32 <https://doi.org/10.5220/0006526200250032>

Li L, Ghazi A, Boutellier J, Anttila L, Valkama M, Bhattacharyya SS. **Evolutionary multiobjective optimization for adaptive dataflow-based digital predistortion architectures**. EAI Endorsed Transactions on Cognitive Communications. 2017 Feb 23;17(10). e3. <https://doi.org/10.4108/eai.23-2-2017.152187>

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

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

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

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

Dsouza R, Antunes P, Kakkonen M, Jokinen J, Sarlin E, Kallio P et al. **Experimental and numerical dataset of Microbond test using optical fibres for strain**. Data in Brief. 2020 Jul 13;31. 106017. <https://doi.org/10.1016/j.dib.2020.106017>

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

Ryczkowski P, Barbier M, Friberg AT, Dudley JM, Genty G. **Experimental demonstration of temporal ghost imaging**. In 2015 European Conference on Lasers and Electro-Optics - European Quantum Electronics Conference. OSA. 2015. CF6_3

Garifullin M. **Experimental moment resistance of rectangular hollow section T joints**. MATEC Web of Conferences. 2018 Dec 5;245. 08003. <https://doi.org/10.1051/mateconf/201824508003>

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

Malaska M, Alanen M, Cabova K, Liskova N, Mela K, Pajunen S et al. **Experimental study on temperature distribution of sandwich panel joints in fire.** In Proceedings of Nordic Steel 2019: CE/papers Special Issue. Vol. 3. Wilhelm Ernst und Sohn. 2019. p. 695-700. 11.09. (CE/papers).

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

Houbre Q, Angleraud A, Pieters R. **Exploration and exploitation of sensorimotor contingencies for a cognitive embodied agent.** In Rocha A, Steels L, van den Herik J, editors, ICAART 2020 - Proceedings of the 12th International Conference on Agents and Artificial Intelligence. Vol. 2. SCITEPRESS. 2020. p. 546-554 <https://doi.org/10.5220/0008951205460554>

Abe S, Ylinen A, Narra Girish N, Nikander R, Hyttinen J, Kouhia R et al. **Exploration of different boundary conditions in the sideways falling situation in hip fracture finite element modelling.** In Proceeding of the XII Finnish Mechanics Days. Rakenteiden Mekaniikan Seura ry. 2015. p. 130-135

Chaudhary S, Zhao Y, Berki E, Valtanen J, Li L, Helenius M et al. **Exploring Attitudes, Knowledge and Competencies for Security Technology: A Cross-Cultural Survey in Higher Education.** In 8th International Conference on ICT, Society and Human Beings 2015. 2015. p. 11-18

Aarikka-Stenroos L, Ranta V, Welanathanthri M. **Exploring customer value of Circular Economy innovations and solutions.** In LUTSAEP, editor, The 31st ISPIM Conference: Innovating in Times of Crisis.: 7-10 June 2020 - Virtual Event. International Society for Professional Innovation Management ISPIM. 2020

Mäkinen SJ, Dedehayir O, Ortt R. **Exploring effects of ecosystem clockspeed on product performance.** In IEEE International Conference on Industrial Engineering and Engineering Management. Vol. 2015-January. IEEE COMPUTER SOCIETY PRESS. 2015. p. 1457-1461. 7058880 <https://doi.org/10.1109/IEEM.2014.7058880>

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

Hynynen A. **Extending Professional Fields. Architectural Research and Regional Development.** In Kähkönen K, Keinänen M, editors, Proceedings of the CIB World Building Congress 2016.: Volume I - Creating built environments of new opportunities. Vol. I. Tampere University of Technology. Department of Civil Engineering. 2016. p. 372-383

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

Perttula A. **Eye tracking studies focusing on mathematics: a literature review.** In INTED2017. The 11th annual International Technology, Education and Development Conference: Valencia, 6th - 8th of March, 2017.. IATED Academy. 2017. 2166-2173 <https://doi.org/10.21125/inted.2017.0639>

Zia N, Viheriälä J, Koskinen R, Koskinen M, Suomalainen S, Guina M. **Fabrication and characterization of broadband superluminescent diodes for 2 µm wavelength.** In Light-Emitting Diodes: Materials, Devices, and Applications for Solid State Lighting XX. SPIE. 2016. 97680Q. (Proceedings of SPIE). <https://doi.org/10.1117/12.2209720>

Chen X, He H, Ukkonen L, Virkki J, Xu J, Wang T et al. **Fabrication and Practical Evaluation of Glove-integrated Passive UHF RFID Tags.** In 2018 IEEE International Conference on RFID Technology Application (RFID-TA). IEEE. 2018 <https://doi.org/10.1109/RFID-TA.2018.8552814>

Chen X, He H, Ukkonen L, Virkki J, Lu Y, Lam H. **Fabrication and reliability evaluation of passive UHF RFID T-shirts.** In 2018 IEEE International Workshop on Antenna Technology, iWAT2018 - Proceedings. IEEE. 2018. p. 1-4 <https://doi.org/10.1109/IWAT.2018.8379146>

Kunwar P, Hassinen J, Bautista G, Ras RHA, Toivonen J. **Fabrication of Fluorescent Silver Nanoclusters-based Micro-Label in Polymers**. In The European Conference on Lasers and Electro-Optics 2015. OSA. 2015. CM_P_5. (European Conference on Lasers and Electro-Optics Europe and International Quantum Electronics Conference).

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

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

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

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

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

Tamminen P, Viheriäkoski T, Reinvuo T, Sydänheimo L, Ukkonen L. **Field Collapse Event ESD Test Method**. In 2014 36TH Electrical overstress/electrostatic discharge symposium (EOS/ESD). IEEE COMPUTER SOC. 2014. (Electrical Overstress Electrostatic Discharge Symposium).

Tiihonen J, Schramm A, Kylänpää I, Rantala T. **Finite temperature path-integral modeling of quantum dot cellular automata**. 2016. Paper presented at PHYSICS DAYS / FYSIIKAN PÄIVÄT : ANNUAL MEETING OF THE FINNISH PHYSICAL SOCIETY, .

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

Lietzen J, Kylliäinen M. **Finnish Round Robin Test on Airborne Sound Insulation**. In 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. p. 1677-1682. 282.162. (European Congress and Exposition on Noise Control Engineering).

Ropo M, Schneider M, Baldauf C, Blum V. **First-principles data set of 45,892 isolated and cation-coordinated conformers of 20 proteinogenic amino acids**. Scientific Data. 2016 Feb 16;3. 160009. <https://doi.org/10.1038/sdata.2016.9>

Dongho-Nguimdo GM, Igumbor E, Zambou S, Joubert DP. **First principles prediction of the solar cell efficiency of chalcopyrite materials $AgMX_2$ (M=In, Al; X=S, Se, Te)**. Computational Condensed Matter. 2019 Dec 1;21. e00391. <https://doi.org/10.1016/j.cocom.2019.e00391>

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

Suominen O, Mörsky V, Ritala R, Vilkkio M. **Framework for optimization and scheduling of a copper production plant**. In 26th European Symposium on Computer Aided Process Engineering, 2016. Vol. 38. Elsevier Science B.V. 2016. p. 1243-1248. (Computer Aided Chemical Engineering). <https://doi.org/10.1016/B978-0-444-63428-3.50212-5>

Abdallah Z, Stefszky M, Ulvila V, Silberhorn C, Vainio M. **Frequency Comb Generation in a Continuous-Wave Pumped Second-Order Nonlinear Waveguide Resonator**. In 2019 Conference on Lasers and Electro-Optics, CLEO 2019 - Proceedings. IEEE. 2019 <https://doi.org/10.23919/CLEO.2019.8750403>

Kantola E, Penttinen J-P, Leinonen T, Ranta S, Guina M. **Frequency-doubled VECSEL employing a Volume Bragg Grating for linewidth narrowing**. In CLEO: Applications and Technology, CLEO_AT 2018. OSA - The Optical Society. 2018 https://doi.org/10.1364/CLEO_AT.2018.JTu2A.17

Kantola E, Leinonen T, Rantamäki A, Guina M, Sirbu A, Iakovlev V. **Frequency-doubled wafer-fused 638 nm VECSEL with an output power of 5.6 W**. In CLEO: Applications and Technology, CLEO_AT 2018. OSA - The Optical Society. 2018 https://doi.org/10.1364/CLEO_AT.2018.JTu2A.10

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

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

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

Vilmi P, Nelo M, Voutilainen J-V, Palosaari J, Pörhönen J, Tuukkanen S et al. **Fully printed memristors for a self-sustainable recorder of mechanical energy**. Flexible and Printed Electronics. 2016 Apr 19;1(2). 025002. <https://doi.org/10.1088/2058-8585/1/2/025002>

Pluduma L, Freimanis E, Gross K, Koivuluoto H, Algate K, Haynes D et al. **Functionalizing Surface Electrical Potential of Hydroxyapatite Coatings**. In 11th International Conference Medical Applications of Novel Biomaterials and Nanotechnology. Vol. 102. 2016. p. 12-17. (Advances in Science and Technology).

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

Hynynen A. **Future in wood? Timber construction in boosting local development**. European Spatial Research and Policy. 2016;23(1):127-139. <https://doi.org/10.1515/esrp-2016-0007>

Backas J, Ghabcheloo R, Huhtala K. **Gain Scheduling Full State Feedback with D-Implementation for Velocity Tracking of Hydrostatic Drive Transmission**. In 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. p. 64-75

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

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

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

Eriksson S-L, Orelma H, Vuojamo V. **Generalized hyperbolic harmonic functions in the plane.** In Proceedings of the International Conference on Numerical Analysis and Applied Mathematics 2014 (ICNAAM-2014). Vol. 1648. American Institute of Physics Inc. 2015. 440007 <https://doi.org/10.1063/1.4912658>

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

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

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

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

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

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

Ahmed S, Musfequr Rehman SM, Ukkonen L, Björninen T. **Glove-integrated slotted patch antenna for wearable UHF RFID reader.** In 2018 IEEE International Conference on RFID Technology & Application (RFID-TA). IEEE. 2018 <https://doi.org/10.1109/RFID-TA.2018.8552817>

Ahmed S, Mehmood A, Sydänheimo L, Ukkonen L, Björninen T. **Glove-Integrated Textile Antenna with Reduced SAR for Wearable UHF RFID Reader.** In 2019 IEEE International Conference on RFID Technology and Applications (RFID-TA). IEEE. 2019. p. 231-235 <https://doi.org/10.1109/RFID-TA.2019.8892251>

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

Ledentsov NN, Shchukin VA, Lyttikäinen J, Okhotnikov O, Cherkashin NA, Shernyakov YM et al. **Green (In,Ga,Al)P-GaP light-emitting diodes grown on high-index GaAs surfaces.** In Proceedings of SPIE: Light-Emitting Diodes: Materials, Devices, and Applications for Solid State Lighting XIX. Vol. 9383. SPIE. 2015. 93830E <https://doi.org/10.1117/12.2083953>

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

Amr A, Saad M. **Growth of Urban Peripheries with Reference to Inconsistent Spatial Planning Policies: South-east Amman as case study.** *European International Journal of Science and Technology.* 2015 Mar;4(3):54-68. 3.

Leinonen T, Penttinen JP, Korpijärvi VM, Kantola E, Guina M. **>8W GaInNAs VECSEL emitting at 615 nm**. In Proceedings of SPIE: Vertical External Cavity Surface Emitting Lasers (VECSELs) V. Vol. 9349. SPIE. 2015. 934909 <https://doi.org/10.1117/12.2079162>

Järvenpää E, Lanz M. **Guidelines for Designing Human-friendly User Interfaces for Factory Floor Manufacturing Operators**. In 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. p. 531-538. (IFIP Advances in Information and Communication Technology). https://doi.org/10.1007/978-3-319-22759-7_61

Komar M, Edelev S, Koucheryavy Y. **Handheld wireless authentication key and secure documents storage for the Internet of Everything**. In 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. p. 120-130 <https://doi.org/10.1109/FRUCT-ISPIT.2016.7561517>

Kulmala A, Repo S. **Handling exceptional situations in a distribution network congestion management algorithm**. In CIRED Workshop 2016. Helsinki, Finland. 2016 <https://doi.org/10.1049/cp.2016.0663>

Valtonen K, Tiainen T. **Hard Rock (- ei Hallelujah, vaan) Tribology: Pohjoismainen kaivosteollisuuden kulumisongelmiin keskittyvä kurssi ja seminaari Tampereella**. Materia. 2015 Sep 2;2015(1):30-33.

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

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

Rybakov VA, Ananeva IA, Pichugin ED, Garifullin M. **Heat protective properties of enclosure structure from thin-wall profiles with foamed concrete**. Magazine of Civil Engineering. 2020 Mar 1;94(2):11-20. <https://doi.org/10.18720/MCE.94.2>

Zare A, Sreedhar KK, Vadakital VKM, Aminlou A, Hannuksela MM, Gabbouj M. **HEVC-compliant viewport-adaptive streaming of stereoscopic panoramic video**. In 2016 Picture Coding Symposium, PCS 2016. IEEE. 2017 <https://doi.org/10.1109/PCS.2016.7906401>

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

Yancheshmeh FS, Chen K, Kämäräinen J-K. **Hierarchical deformable part models for heads and tails**. In VISIGRAPP 2018 - Proceedings of the 13th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications . Vol. 5. SCITEPRESS. 2018. p. 45-55 <https://doi.org/10.5220/0006532700450055>

Närhi M, Tengvall M, Toivonen J, Dudley JM, Genty G. **High Dynamic Range Single-Shot Spectral Measurements of Spontaneous Modulation Instability**. In Frontiers in Optics 2016. Optical Society of America (OSA). 2016. FF2B.1

Tukiainen A, Aho A, Polojärvi V, Ahorinta R, Guina M. **High efficiency dilute nitride solar cells: Simulations meet experiments**. Journal of Green Engineering. 2016;5(3-4):113-132. 8. <https://doi.org/10.13052/jge1904-4720.5348>

Kantola E, Leinonen T, Ranta S, Tavast M, Guina M. **High-efficiency yellow VECSEL with 20 W output power**. In Optics Days 2013, Helsinki, Finland: Oral presentation in Optics Days 2013, Helsinki, Finland. 2013

Mateos X, Loiko P, Lamrini S, Scholle K, Fuhrberg P, Suomalainen S et al. **Highly-efficient Ho:KY(WO₄)₂ thin-disk lasers at 2.06 μm**. In Pacific-Rim Laser Damage 2018: Optical Materials for High-Power Lasers. SPIE, IEEE. 2018. 107130J. (Proceedings of SPIE). <https://doi.org/10.1117/12.2316822>

Zia N, Viheriälä J, Koivusalo E, Aho A, Suomalainen S, Guina M. **High performance GaSb superluminescent diodes for tunable light source at 2 μm and 2.55 μm**. In CLEO: Applications and Technology, CLEO_AT 2018. OSA - The Optical Society. 2018 https://doi.org/10.1364/CLEO_AT.2018.JTu2A.28

Viheriälä J, Aho AT, Mäkelä J, Salmi J, Virtanen H, Leinonen T et al. **High-power 1550 nm tapered DBR lasers fabricated using soft UV-nanoimprint lithography**. In High-Power Diode Laser Technology and Applications XIV. SPIE. 2016. 97330Q. (SPIE Conference Proceedings). <https://doi.org/10.1117/12.2207423>

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

Fedotov A, Noronen T, Rissanen J, Gumenyuk R, Petrov A, Chamorovskii Y et al. **High power picosecond MOPA with anisotropic ytterbium-doped tapered double-clad fiber**. In Taccheo S, Mackenzie JI, Ferrari M, editors, Proceedings of SPIE : Fiber Lasers and Glass Photonics: Materials through Applications. Vol. 10683. SPIE-INT SOC OPTICAL ENGINEERING. 2018. (Proceedings of SPIE). <https://doi.org/10.1117/12.2307693>

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

Nikkinen J, Korpjärvi V-M, Leino I, Härkönen A, Guina M. **High repetition rate 1.34 μm Nd:YVO₄ microchip laser Q-switched with GaInNAs SESAM**. In The European Conference on Lasers and Electro-Optics 2015. OSA. 2015. CA_5b_1

Brobbey KJ, Haapanen J, Gunell M, Mäkelä JM, Eerola E, Saarinen JJ et al. **High-speed manufacturing of antimicrobial paper**. In Paper Conference and Trade Show, PaperCon 2018. TAPPI Press. 2018. p. 564-566

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

Hokka M, Östman K, Rämö J, Kuokkala VT. **High Temperature Tension HSB Device Based on Direct Electrical Heating**. In Song B, Casem D, Kimberley J, editors, Dynamic Behavior of Materials, Volume 1: Proceedings of the 2014 Annual Conference on Experimental and Applied Mechanics. Vol. 65. Springer. 2015. p. 227-233. (Conference Proceedings of the Society for Experimental Mechanics Series). https://doi.org/10.1007/978-3-319-06995-1_34

Marttila T, Annala P, Kero P, Suonketo J, Heino S, Pentti M. **HKPro3 - Valtion tukemien homekorjaushankkeiden arviointi: Jatkotutkimus**. Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennustekniikka, 2015. 68 p. (Tampereen teknillinen yliopisto. Rakennustekniikan laitos. Rakennetekniikka; Tutkimusraportti).

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

Kankkunen T, Kero P. **Hometalolle suoritettavat toimenpiteet ja niiden valinta - case-esimerkki**. In Vinha J, Ruuska T, editors, Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere. Tampere: Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka. 2015. p. 265-270

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

Baldauf C, Ropo M, Blum V, Scheffler M. **How mono-valent cations bend peptide turns and a first-principles database of amino acids and dipeptides.** In Simos TE, Kalogiratou Z, Monovasilis T, editors, International Conference of Computational Methods in Sciences and Engineering 2014 (ICCMSE 2014). Vol. 1618. American Institute of Physics Inc. 2014. p. 119-120. (AIP Conference Proceedings). <https://doi.org/10.1063/1.4897692>

Juuti T, Kopra MJ, Rättyä K, Lehtonen T. **How to benefit from learning logs in engineering education?** In 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 A. **How to co-learn in campus.** In Nenonen S, Kärnä S, Junnonen J-M, Tähtinen S, Sandström N, editors, Oppiva kampus - How to co-create campus?. Tampere: Suomen Yliopistokiinteistöt Oy. 2015. p. 320-337

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

Tappura S, Nenonen N, Kivistö-Rahnasto J. **How to support managers' commitment to safety management and leadership in organizations: good practices from the managers' viewpoint.** In WOS 8th international conference - Book of Abstracts . 2015

Reunanen T. **Human Factor in Time Management.** Procedia Manufacturing. 2015;3:709-716. <https://doi.org/10.1016/j.promfg.2015.07.311>

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

Linjama M, Huova M, Pietola M, Juhala J, Huhtala K. **Hydraulic Hybrid Actuator: Theoretical Aspects and Solution Alternatives.** In Laamanen A, Huhtala K, Uusi-Heikkilä J, editors, Proceedings of the Fourteenth Scandinavian International Conference on Fluid Power. Tampere: Tampere University of Technology. 2015

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

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

Mokhtarian H, Coatanea E, Paris H, Vihinen J. **Identification of fundamental requirements for ideal metamodeling framework in additive manufacturing.** In Aaltonen J, Virkkunen R, Koskinen KT, Kuivanen R, editors, Proceedings of the 2nd Annual SMACC Research Seminar 2017. 2017. p. 29-31

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

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

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

Jama T, Lehtovuori P, Rajaniemi J, Siikonen M, Mäntynen J, Rantanen A et al. **Ideoita kaavoituksen sisällön uudistamiseen: Kaavojen merkintöjen ja määräysten kehittäminen (KAMMI-hanke).** Helsinki: Ympäristöministeriö, 2018. 74 p.

Aramo-Immonen H, Vartio M, Jussila J. **If you know social media, you see opportunities....** In 12th International Forum on Knowledge Asset Dynamics: Knowledge Management in the 21th Century: Resilience, Creativity and Co-creation. Vol. 12. 2017. p. 575-584

Kylliäinen M, Takala J, Hongisto V. **Ilmaääneneristysluku sekä standardisoitu ja normalisoitu äänitasoeroluku huoneistojen välisen ilmaääneneristävyyden kuvaajina.** In Akustiikkapäivät 2015. Kuopio: Akustinen seura. 2015. p. 158-161. (Akustiikkapäivät).

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

Sorokin M, Strokina N, Eerola T, Lensu L, Karttunen K, Kalviainen H. **Image-based characterization of the pulp flows.** Pattern Recognition and Image Analysis. 2016 Jul 1;26(3):630-637. <https://doi.org/10.1134/S1054661816030196>

Mokammel F, Coatanea E, Bakhouya M, Christophe F, Nonsiri S. **Impact analysis of graph-based requirements models using PageRank algorithm.** In 2013 IEEE International Systems Conference (SysCon). IEEE. 2013. p. 731-736. (2013 IEEE International Systems Conference (SysCon)). <https://doi.org/10.1109/SysCon.2013.6549964>

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

Filippov V, Ustimchik VE, Chamorovskiy Y, Golant K, Vorotynskii A, Okhotnikov O. **Impact of Axial Profile of the Gain Medium on the Mode Instability in Lasers: Regular Versus Tapered Fibers.** In The European Conference on Lasers and Electro-Optics 2015. OSA. 2015. CJ-10.5

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

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

Rekola J, Suntio T. **Implementing of Activating Learning Strategy for a Course on Electric Drives.** In SEFI 2016 Annual Conference Proceedings: Implementing of Activating Learning Strategy for a Course on Electric Drives. European Society for Engineering Education SEFI. 2016. p. 1-8

Kurki V, Sidaraviciute R, Sörensen J, Kibocha SN, Retike I, Ikobe G et al. **Importance and challenges of sharing experiences among an international and interdisciplinary group of doctoral students.** Ympäristöhistoria: Finnish Journal of Environmental History. 2015;(1/2015):45-51.

Koponen P, Hanninen S, Mutanen A, Koskela J, Rautiainen A, Järventausta P et al. **Improved modelling of electric loads for enabling demand response by applying physical and data-driven models: Project Response.** In 2018 IEEE International Energy Conference, ENERGYCON 2018. IEEE. 2018. p. 1-6 <https://doi.org/10.1109/ENERGYCON.2018.8398794>

Lahti J, Lavonen J, Lahtinen K, Johansson P, Seppänen T, Cameron DC. **Improved properties for packaging materials by nanoscale surface modification and ALD barrier coating.** In TAPPI International Conference on Nanotechnology for Renewable Materials 2016. Vol. 2. TAPPI Press. 2016. p. 684-706

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

Leppänen A, Välimäki E. **Improving Recovery Boiler Availability through Understanding Fume Behavior.** In TAPPI PEERS Conference Proceedings, October 25-28, 2015. Atlanta, Georgia: TAPPI. 2015

Galinina O, Turlikov A, Andreev S, Koucheryavy Y. **Improving reliability of replicated message delivery in cellular machine-type communications.** In 2016 8th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT). IEEE. 2016. p. 106-110 <https://doi.org/10.1109/ICUMT.2016.7765341>

Haapanen J, Krohns-Välimäki H, Verho P. **Improving the Situation Awareness of DSOs in Major Disturbances by Visualizing the State of Mobile Networks.** In CIRED Workshop 2016. 2016

Wang Y, Lan R, Mateos X, Li J, Pan Y, Suomalainen S et al. **In-band-pumped mode-locked Ho:YAG ceramic laser at 2.1 μm .** In 2016 Conference on Lasers and Electro-Optics (CLEO). IEEE. 2016. p. 1-2

Amiot CG, Aalto A, Toivonen J, Genty G. **Incoherent Broadband Cavity Enhanced Absorption Spectroscopy Using a Supercontinuum Source in the Mid-IR.** In Laser Science 2015: Proceedings Frontiers in Optics 2015. 2015. JTU4A-80 <https://doi.org/10.1364/FIO.2015.JTU4A.80>

Amiot C, Aalto A, Genty G, Toivonen J. **Incoherent Broadband Cavity Enhanced Absorption Spectroscopy with a Supercontinuum Source.** In 2015 European Conference on Lasers and Electro-Optics - European Quantum Electronics Conference: Proceedings. Optical Society of America. 2015. p. CH_P_16

Kopra M-J, Halonen N, Järvenpää E, Lanz M. **Increasing Employee Involvement in Socially Sustainable Manufacturing: Two Methods for Capturing Employees' Tacit Knowledge to Improve Manufacturing Processes.** In 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. p. 539-546. (IFIP Advances in Information and Communication Technology). https://doi.org/10.1007/978-3-319-22759-7_62

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

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

Müller P, Lekkala J, Ali-Löytty S, Piche R. **Indoor Localisation using Aroma Fingerprints: A First Sniff.** In 2017 14th Workshop on Positioning, Navigation and Communications (WPNC). Bremen, Germany: IEEE. 2017 <https://doi.org/10.1109/WPNC.2017.8250046>

Martinsuo M, Vaittinen E. **Industrial customers' organizational readiness for service innovations: Adopting data-based advanced services.** In 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 H-M, Mikkonen T. **Industrial impact on topics and types of Master's theses: Empirical study of software engineering theses made in 1990-2016.** In Järvinen H-M, Clark R, editors, Proceedings of SEFI 2016 Annual Conference. European Society for Engineering Education SEFI. 2016

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

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

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

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

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

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

Aarikka-Stenroos L, Aaboen L, Rolfsen A. **Initiation processes and initiation contributors illustrated by Norwegian-South Korean business relationships**. In Vagn Freytag P, Höjbjerg Clarke A, editors, The 31st IMP Conference 2015, Kolding, Denmark.. Kolding, Denmark. 2015

Khorramdel B, Kraft TM, Mäntysalo M. **Inkjet printed metallic micropillars for bare die flip-chip bonding**. Flexible and Printed Electronics. 2017 Oct 26;2(4):045005. <https://doi.org/10.1088/2058-8585/aa9171>

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

Jaakkola E, Aarikka-Stenroos L, Salmivalli L. **Institutionalizing a service innovation in complex networks: The case of developing and diffusing electronic prescription in Finland**. In Vagn Freytag P, Höjbjerg Clarke A, editors, The 31st Annual IMP Conference and Doctoral Colloquium 2015, Kolding, Denmark.. 2015

Asp O, Laaksonen A. **Instrumentation and monitoring of large-span culvert built under a railway, in Finland**. In Madaj A, Jankowiak I, editors, Archives of Institute of Civil Engineering: 3rd European Conference on Buried Flexible Steel Structures, Rydzyna, Poland, 24-25 April 2017. 23 ed. Vol. 2017. Poznan: Wydawnictwo Politechniki Poznanskiej. 2017. p. 53-60 <https://doi.org/10.21008/j.1897-4007.2017.23.05>

Karioja P, Alajoki T, Cherchi M, Ollila J, Harjanne M, Heinilehto N et al. **Integrated multi-wavelength mid-IR light source for gas sensing**. In Next-Generation Spectroscopic Technologies XI. SPIE, IEEE. 2018. 106570A. (SPIE Conference Proceedings). <https://doi.org/10.1117/12.2305712>

Hukka JJ, Nyanchaga EN, Katko TS. **Integrated urban water management, the green economy and institutional eco-innovations**. In Saari A, Huovinen P, editors, Proceedings of the CIB World Building Congress 2016: Volume III - Building up business operations and their logic. Shaping materials and technologies. Tampere: Tampere University of Technology. Department of Civil Engineering. 2016. p. 260-271

Aalto T, Harjanne M, Offrein BJ, Caër C, Neumeier C, Malacarne A et al. **Integrating III-V, Si, and polymer waveguides for optical interconnects: RAPIDO**. In Optical Interconnects XVI. SPIE. 2016. 97530D. (Proceedings of SPIE). <https://doi.org/10.1117/12.2214786>

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

Christophe F, Mokammel F, Coatanea E, Bakhouya M. **Integration of evaluation and simulation methods for virtual prototypes**. In Proceedings of the 15th International Conference on Engineering and Product Design Education: Design Education - Growing Our Future, EPDE 2013. 2013. p. 623-628

Toenger S, Ahvenjärvi J, Ryczkowski P, Genty G. **Intensity Interferometry of Supercontinuum Light**. In Setälä T, Turunen J, T. Friberg A, Saastamoinen K, editors, Trends in Electromagnetic Coherence. Joensuu: University of Eastern Finland. 2018. (Publications of the University of Eastern Finland. Reports and studies in forestry and natural sciences; 32).

Sörensen J, Kurki V, Sidaraviciute R, Ngari Kibocha S, Retike I, Ikobe G et al. **Interdisciplinary water research network building within Nordic and Baltic countries**. Vatten. 2015;(71):79-83.

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

Tuokko R, (ed.), Lanz M, (ed.), Luostarinen P, (ed.). **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 SJ. **Internet-of-things disrupting business ecosystems: A case in home automation**. In IEEM 2014: 2014 IEEE International Conference on Industrial Engineering and Engineering Management. IEEE COMPUTER SOCIETY PRESS. 2015. p. 1467-1470 <https://doi.org/10.1109/IEEM.2014.7058882>

Balandin S, (ed.), Andreev S, (ed.), Koucheryavy Y, (ed.). **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). <https://doi.org/10.1007/978-3-319-23126-6>

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

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

Tiira J, Radevici I, Haggren T, Hakkarainen T, Kivisaari P, Lyytikäinen J et al. **Intracavity double diode structures with GaInP barrier layers for thermophotonic cooling**. In Proc. SPIE 10121: Optical and Electronic Cooling of Solids II. Vol. 10121. SPIE. 2017. 1012109. (Proceedings of SPIE). <https://doi.org/10.1117/12.2250843>

Drossos K, Kotsakis R, Pappas P, Kalliris G, Floros A. **Investigating Auditory Human-Machine Interaction: Analysis and Classification of Sounds Commonly Used by Consumer Devices**. In Audio Engineering Society Convention 134. AES Audio Engineering Society. 2013. 8812

Palanivel S, Zhurina A, Doan P, Chandraseelan JG, Khandelwal VKM, Zubkov FI et al. **In vitro characterization of arylhydrazones of active methylene derivatives**. Saudi Pharmaceutical Journal. 2018;26(3):430-436. <https://doi.org/10.1016/j.jsps.2017.12.018>

Goncalves NSM, Martins L, Tran H, Oliveira SMD, Neeli-Venkata R, Fonseca J et al. **In vivo single-molecule dynamics of transcription of the viral T7 Phi 10 promoter in Escherichia coli**. In The 8th International Conference on Bioinformatics, Biocomputational Systems and Biotechnologies (BIOTECHNO2016). IARIA. 2016. p. 9-15

Frimpong E, Michalas A. **IoT-CryptoDiet: Implementing a lightweight cryptographic library based on ecdh and ecdsa for the development of secure and rivacy-preserving protocols in contiki-ng**. In Wills G, Kacsuk P, Chang V, editors, IoTBDS 2020 - Proceedings of the 5th International Conference on Internet of Things, Big Data and Security. SCITEPRESS. 2020. p. 101-111 <https://doi.org/10.5220/0009405401010111>

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

Korobko DA, Zolotovskii IO, Gumenyuk RV, Fotiadi AA. **Jitter suppression in passive harmonic mode-locking fiber ring laser**. In Broderick NGR, Dudley JM, Peacock AC, editors, Nonlinear Optics and its Applications 2020. SPIE. 2020. p. 238 - 247. (Proceedings of SPIE). <https://doi.org/10.1117/12.2556072>

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

Kotilainen S, (ed.), Hedman M, (ed.), Heikkinen J, (ed.). **Joustavat asuinympäristöt: 10 visiota aikaa kestävään kaupunkiasumiseen**. Tampere: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos, 2015. 268 p. (Housing Design).