

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

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

Christophe, F., Wang, M., Coatanea, E., Zeng, Y., & Bernard, A. (2012). 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* (pp. 17-31). AMER SOC MECHANICAL ENGINEERS.

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

Eloranta, V-P., Koskinen, J., & Leppänen, M. (Eds.) (2012). *Proceedings of VikingPLoP 2012 Conference*. (Tampere University of Technology. Department of Software Systems. Report; Vol. 22). Tampere University of Technology. Department of Software Systems.

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

Kokkinis, E., Drossos, K., Tatlas, N-A., Floros, A., Tsilfidis, A., & Agavanakis, K. (2012). Smart microphone sensor system platform. In *Audio Engineering Society Convention 132 AES Audio Engineering Society*.

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

Christophe, F., Mokammel, F., Coatanea, E., & Bakhouya, M. (2013). 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* (pp. 623-628)

Ritola, T., & Coatanea, E. (2013). Interplay between offering, provider and customer in product-service system design. In U. Lindemann, S. Venkataraman, YS. Kim, SW. Lee, O. DeWeck, & YS. Hong (Eds.), *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* (International Conference on Engineering Design). DESIGN SOC.

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

Sorri, J. (Ed.) (2013). *Moduulirakentaminen: Teräskenteknologioiden mahdollisuudet*. (Tampereen teknillinen yliopisto. Rakennustekniikan laitos. Rakennustuotanto ja -talous. Raportti; Vol. 14). Tampereen teknillinen yliopisto. Rakennustekniikan laitos.

Eloranta, V-P. (Ed.), Koskinen, J., & Leppänen, M. K. (2013). *Proceedings of VikingPLoP 2013 Conference*. (Tampere University of Technology. Department of Pervasive Computing. Report; Vol. 2). Tampere University of Technology. Department of Pervasive Computing.

Ogeya, M. C., Coatanéa, E., & Medyna, G. (2013). Theory driven design and real proto typing of biomass pyrolytic stove. In *Proceedings of the International Conference on Engineering Design, ICED* (Vol. 9 DS75-09, pp. 69-78)

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

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

Morasca, S., Taibi, D., & Tosi, D. (2013). OSS-TMM: Guidelines for improving the testing process of open source software . In *Open Source Software Dynamics, Processes, and Applications* (pp. 59-78). IGI Global. <https://doi.org/10.4018/978-1-4666-2937-0.ch004>

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

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

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

Sand, J., Ihantola, S., Peräjärvi, K., Toivonen, H., Nicholl, A., Hrnccek, E., & Toivonen, J. (2013). EMCCD imaging of strongly ionizing radioactive materials for safety and security. In *2013 Conference on Lasers and Electro-Optics - International Quantum Electronics Conference* (pp. JSII\_P\_1). Optical Society of America.

Cardin, J., Dufour, C., KHOMENKOV, V., Fafin, A., Monnet, I., Rizza, G., ... Gacoin, T. (2013). 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.

Drossos, K., Kotsakis, R., Kalliris, G., & Floros, A. (2013). Sound Events and Emotions: Investigating the Relation of Rhythmic Characteristics and Arousal. In *Information, Intelligence, Systems and Applications (IISA), 2013 Fourth International Conference on* (pp. 1-6). IEEE. <https://doi.org/10.1109/IISA.2013.6623709>

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

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

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

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

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

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

- Viheriäkoski, T., Kokkonen, M., Tamminen, P., Karja, E., Hillberg, J., & Smallwood, J. (2014). Electrostatic Threats in Hospital Environment. In *2014 36TH Electrical overstress/electrostatic discharge symposium (EOS/ESD)* (Electrical Overstress Electrostatic Discharge Symposium). IEEE COMPUTER SOC.
- Tamminen, P., Sydänheimo, L., & Ukkonen, L. (2014). ESD Sensitivity of 01005 Chip Resistors and Capacitors. In *2014 36TH Electrical Overstress/Electrostatic Discharge Symposium (EOS/ESD)* (Electrical Overstress Electrostatic Discharge Symposium). IEEE COMPUTER SOC.
- Tamminen, P., Viheriäkoski, T., Reinvuori, T., Sydänheimo, L., & Ukkonen, L. (2014). Field Collapse Event ESD Test Method. In *2014 36TH Electrical overstress/electrostatic discharge symposium (EOS/ESD)* (Electrical Overstress Electrostatic Discharge Symposium). IEEE COMPUTER SOC.
- Rantala, T., Luukkonen, T., Karhula, K., Vaismaa, K., Mäntynen, J., & Metsäpuro, P. (2014). *Kävelystä elinvoimaa*. Tampere: Tampereen teknillinen yliopisto. Liikenteen tutkimuskeskus Verne.
- Väyrynen, H., Helander, N., & Kukko, M. (2014). Knowledge Management Practices in Large Companies. *The Macrotheme Review*, 3(9), 56-72. [3(9)].
- Laak, M., & Del Barrio Batista, J. (Eds.) (2014). *Kohti kestäväää Skanssia*. Tampereen teknillinen yliopisto. Arkkitehtuurin laitos.
- Lahdelma, I. (2014). *Lahdelma & Mahlamäki Architects: Works*. Rakennustieto.
- Lepistö, T. (Ed.) (2014). *Life Beyond the Binary Code: Select Prose and Poetry*. Tampere University of Technology, Language Center.
- Leppänen, M., Välisalo, T. (Ed.), & Laasonen, J. (2014). Liite 6: Yleistä kaivannaisjätealueista ja patoturvallisuudesta. In *Kaivosten stressitesti 2013* (Ympäristöministeriön raportteja). Ympäristöministeriö.
- Hagmark, P., & Laitinen, J. (2014). Modeling of Age-Dependent Failure Tendency from Incomplete Data. In J. Lee, J. Ni, J. Sarangapani, & J. Mathew (Eds.), *Engineering Asset Management 2011: Proceedings of the Sixth World Congress on Engineering Asset Management* (pp. 449-459). (Lecture Notes in Mechanical Engineering). London: Springer-Verlag London Limited. [https://doi.org/10.1007/978-1-4471-4993-4\\_40](https://doi.org/10.1007/978-1-4471-4993-4_40)
- Amjad, F., Weick, H., Mattila, J., Kozlova, E., & Schloer, C. (2014). On Design and Development of Super-FRS main tunnel Remote Handling System Concept. In *2014 IEEE 17th International Conference on Intelligent Transportation Systems (ITSC), 8-11 Oct. 2014, Qingdao* (pp. 188-194). IEEE. <https://doi.org/10.1109/ITSC.2014.6957689>
- Tiainen, T., Mela, K., Jokinen, T., & Heinisuo, M. (2014). Optimization of high strength steel tubular trusses. In *Eurosteel 2014 7th European conference on steel and composite structures*
- Smallwood, J., Tamminen, P., & Viheriäkoski, T. (2014). Optimizing investment in ESD control. In *2014 Electrical Overstress/Electrostatic Discharge Symposium (EOS/ESD)* (Electrical Overstress Electrostatic Discharge Symposium). IEEE COMPUTER SOC.
- Laak, M. (Ed.) (2014). *Orimattilan Henna*. Tampereen teknillinen yliopisto. Arkkitehtuurin laitos.
- Chapuis, Y., Demoly, F., Coatanéa, E., & Gomes, S. (2014). Product Upgradability: Towards a Medical Analogy. In B. Grabot, B. Vallespir, S. Gomes, A. Bouras, & D. Kiritsis (Eds.), *ADVANCES IN PRODUCTION MANAGEMENT SYSTEMS: INNOVATIVE AND KNOWLEDGE-BASED PRODUCTION MANAGEMENT IN A GLOBAL-LOCAL WORLD, APMS 2014, PT III (PART 3 ed., Vol. 440, pp. 148-155)*. (IFIP Advances in Information and Communication Technology; Vol. 440). Springer-Verlag, Berlin. [https://doi.org/10.1007/978-3-662-44733-8\\_19](https://doi.org/10.1007/978-3-662-44733-8_19)

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

Rantanen, A., Iltanen, S., & Joutsiniemi, A. (2014). Systemic Sustainability and Emerging Diversity of Shopping Concepts in Urban Multi-Agent Networks. In R. Cavallo, S. Komossa, N. Marzot, M. Berghauser Pont, & J. Kuijper (Eds.), *New Urban Configurations* (pp. 510-517). Delft University Press. <https://doi.org/10.3233/978-1-61499-365-0-517>

Vinberg, M., Malaska, M., & Peltonen, S. (2014). The behaviour of transverse bar reinforcement of slim floor beams in precast floors. In R. Landolfo, & F. Mazzolani (Eds.), *Eurosteel 2014 : 7th European Conference on Steel and Composite Structures, 10.-12.9.2014, Naples, Italy* [33-493] Belgium: ECCS - European Convention for Constructional Steelwork.

Laak, M., & Del Barrio Batista, J. (Eds.) (2014). *Towards a sustainable Skanssi*. Tampere University of Technology, School of Architecture.

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

Yrjölä, J., Peltonen, S., & Malaska, M. (2014). Vibration analysis of the composite slim floor. In R. Landolfo, & F. Mazzolani (Eds.), *EUROSTEEL 2014 : 7th European Conference on Steel and Composite Structures, 10.-12.9.2014, Naples, Italy* [33-494] Belgium: ECCS - European Convention for Constructional Steelwork.

Kymäläinen, T., Sahar, F., & Palviainen, J. (2014). White Knights of the Smart City. In JC. Augusto, & T. Zhang (Eds.), *Workshop Proceedings of the 10th International Conference on Intelligent Environments* (pp. 223-234). (Ambient Intelligence and Smart Environments; Vol. 18). IOS Press. <https://doi.org/10.3233/978-1-61499-411-4-223>

Eloranta, V-P. (2014). Patterns for controlling chaos in a startup. In *VikingPLoP 2014 Proceedings of the 8th Nordic Conference on Pattern Languages of Programs* (Vol. 2014-April, pp. 1-8). (ACM International Conference Proceeding Series). Association for Computing Machinery. <https://doi.org/10.1145/2676680.2676682>

Leppänen, M. (2014). Two patterns for minimizing human resources in a startup. In *VikingPLoP 2014 Proceedings of the 8th Nordic Conference on Pattern Languages of Programs (VikingPLoP)* [4] ACM. <https://doi.org/10.1145/2676680.2676686>

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

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

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

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

Kraft, T., Cristoferi, C., Trigaud, T., Nunzi, J-M., & Ratier, B. (2014). The Parallel Diode and Trap Behaviour of Ternary Polymer Solar Cells. In *EU PVSEC Proceedings* (Vol. EU PVSEC 2014). [3BV.5.23] EU PVSEC.

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

Machado, M., Verghese, G., & Peltola, T. (2014). Massive Open Online Research: An approach to deal with wicked problems. In *PICMET 14 Conference, Portland International Center for Management of Engineering and Technology: Infrastructure and Service Integration* (pp. 236-242). [6921178] Portland: The Institute of Electrical and Electronics Engineers, Inc..

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

Tewfik, M., & Amr, A. (2014). Arbitrary Land Use Policy in Jordan between Legal Brand and Property Control. *European International Journal of Science and Technology*, 3(9), 86-93.

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

Kantola, E., Leinonen, T., Penttinen, J-P., Tavast, M., Ranta, S., & Guina, M. (2015). 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*.

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

Galinina, O., Turlikov, A., Pyattaev, A., Johnsson, K., Andreev, S., & Koucheryavy, Y. (2015). 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)* (pp. 298-304). IEEE. <https://doi.org/10.1109/ICUMT.2015.7382446>

Huhtelin, M., & Nenonen, S. (2015). A Co-creation Centre for University–Industry Collaboration – A Framework for Concept Development. *Procedia Economics and Finance*, 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., & Kylmälä, J. (2015). A computationally feasible optimization approach to inverse SAR translational motion compensation. In *Proceedings of the 12th European Radar Conference (EuRAD 2015)* (pp. 17-20). IEEE. <https://doi.org/10.1109/EuRAD.2015.7346226>

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

Chaudhary, S., Zhao, Y., Berki, E., Valtanen, J., Li, L., Helenius, M., & Mystakidis, S. (2015). 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*, 13(1), 57-71.

Köliö, A., Lahdensivu, J., & Pentti, M. (2015). 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*.

Yli-Fossi, T., & Kuusisto, R. (2015). A dynamic paper machine simulator for testing of model predictive control applications. In *Proceedings of AutomaatioXXI seminaari* (pp. 1-6). (SAS julkaisusarja; No. 42). Suomen Automaatioseura ry.

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

Nisula, J., & Saari, A. (2015). Aluetehtävien kustannusvaikutukset. In *Nollaa parempi – Townhouse energiatehokkaassa asuinrakentamisessa* (pp. 102-107). (Aalto University publication series Crossover; No. 9/2015). Aalto-yliopisto.

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

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

Aapro, A., Messo, T., & Suntio, T. (2015). 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)* (pp. 2267-2274) <https://doi.org/10.1109/ICPE.2015.7168092>

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

Laitinen, J., & Niemi, A. (2015). 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*

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

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

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

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

Mardoukhi, A., Saksala, T., Hokka, M., & Kuokkala, V-T. (2015). An experimental and numerical study of the dynamic Brazilian disc test on Kuru granite. In *Proceedings of the XII Finnish Mechanics Day* (pp. 210-215)

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

Krogerus, T., Hyvönen, M., Backas, J., & Huhtala, K. (2015). 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* (The Scandinavian International Conference on Fluid Power). Tampere University of Technology. Department of Intelligent Hydraulics and Automation.

Kivimäki, J., & Suntio, T. (2015). Appearance of a Drift Problem in Variable-step Perturbative MPPT Algorithms. In *31st European Photovoltaic Solar Energy Conference and Exhibition (EU PVSEC)* (pp. 1602-1608) <https://doi.org/10.4229/EUPVSEC20152015-5AO.9.2>

Devillers, R., & Valmari, A. (Eds.) (2015). *Application and Theory of Petri Nets and Concurrency: 36th International Conference, PETRI NETS 2015 Brussels, Belgium, June 21-26, 2015 Proceedings*. (Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics); Vol. 9115). Springer Verlag. <https://doi.org/10.1007/978-3-319-19488-2>

Lau Sarmiento, A., Bartholomeus, H., Herold, M., Martius, C., Malhi, Y., Patrick Bentley, L., ... Raunonen, P. (2015). 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* (pp. 96-98)

Ferrer, B. R. (2015). A Proposal of Decentralized Architecture for OKD-MES. In S. Strzelczak, P. Balda, M. Garetti, & A. Lobov (Eds.), *Open Knowledge-Driven Manufacturing & Logistics: The eScop Approach* (pp. 331-340). Warsaw: Warsaw University of Technology Publishing House.

Iarovy, S., Xu, X., Lobov, A., Lastra, J. L. M., & Strzelczak, S. (2015). Architecture for Open, Knowledge-Driven Manufacturing Execution System. In *Advances in Production Management Systems: Innovative Production Management Towards Sustainable Growth* (pp. 519-527). Springer. [https://doi.org/10.1007/978-3-319-22759-7\\_60](https://doi.org/10.1007/978-3-319-22759-7_60)

Tartia, J. (2015). Arkinen liikkuminen kontekstina kaupunkitilan tarkasteluun. *Versus*.

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

Einolander, J., & Vanharanta, H. (2015). 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* (pp. 581-586). (Procedia Manufacturing; Vol. 3). Elsevier. <https://doi.org/10.1016/j.promfg.2015.07.269>

Grigonyte, J., Sippula, O., Tissari, J., Laitinen, A., Keskinen, J., Kortelainen, M., ... Jokiniemi, J. (2015). 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 [2COA\_P021]*

D'Ignazio, M., Di Buo, B., & Länsivaara, T. (2015). 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* (pp. 3639-3644). ICE Publishing.

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

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

Toenger, S., Godin, T., Billet, C., Dias, F., Erkintalo, M., Genty, G., & Dudley, J. M. (2015). Breathers Emergence in Spontaneous Modulation Instability. In *European Quantum Electronics Conference 2015 [EF\_P\_25]* Optical Society of America (OSA).

- Saarinen, E. (2015). CBRN Defense Using THz Pulse Trains from Semiconductor Disk Lasers. In *NATO ARW on THz Diagnostics of CBRN effects and Detection of Explosives & CBRN: Proceedings of the NATO ARW on Detection of Explosives and CBRN* (NATO Science for Peace and Security Series B: Physics and Biophysics).
- Kähkönen, K., Huovinen, P., & Keinänen, M. (Eds.) (2015). *CEO 2015: Proceedings of the 8th Nordic Conference on Construction Economics and Organization*. (Tampere University of Technology. Department of Civil Engineering. Construction Management and Economics. Report; Vol. 16). Tampere University of Technology. Department of Civil Engineering.
- Puolitaival, T., Forsythe, P., & Kähkönen, K. (2015). Challenges Facing BIM Education: Development of Appropriate Teaching and Learning Resources. In *RICS COBRA AUBEA 2015: The Construction, Building and Real Estate Research Conference of the Royal Institution of Chartered Surveyors* London: Royal Institution of Chartered Surveyors.
- Martinsuo, M., Ahvenniemi, O., & Vaittinen, E. (2015). Changes in operations when introducing disruptive technologies. In *22nd EurOMA Conference: Operations management for sustainable competitiveness* Switzerland: European Operations Management Association.
- Väätäjä, H. (2015). Characterizing the Context of Use in Mobile Work. In *Human Work Interaction Design. Work Analysis and Interaction Design Methods for Pervasive and Smart Workplaces: 4th IFIP 13.6 Working Conference, HWID 2015, London, UK, June 25-26, 2015, Revised Selected Papers* (pp. 97-113). (IFIP Advances in Information and Communication Technology; Vol. 468). Springer Verlag. [https://doi.org/10.1007/978-3-319-27048-7\\_7](https://doi.org/10.1007/978-3-319-27048-7_7)
- Ramis Ferrer, B. (2015). Classification of Knowledge Representation Implementations in the Manufacturing Systems Domain. In S. Strzelczak, P. Balda, M. Garetti, & A. Lobov (Eds.), *Open Knowledge-Driven Manufacturing & Logistics: The eScop Approach* (pp. 235-244). Warsaw University of Technology Publishing House.
- Alexandru, R-C., & Lohan, E-S. (2015). Comparison of Detection Techniques for Multipath Propagation of Pseudolite Signals Used in Dense Industrial Environments. *Procedia Engineering*, 100(C), 1294-1300. <https://doi.org/10.1016/j.proeng.2015.01.496>
- Salminen, V., Kantola, J. I., & Vanharanta, H. (2015). Competence portfolio assessment of research and development center for regional development. In *6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015) and the Affiliated Conferences, AHFE 2015* (pp. 701-708). (Procedia Manufacturing; Vol. 3). Elsevier. <https://doi.org/10.1016/j.promfg.2015.07.310>
- Partanen, J. (Ed.) (2015). *Complexity and Digitalisation of Cities - Challenges for Urban Planning and Design: Conference Proceedings of 13th AESOP Complexity and Planning Thematic Group Meeting 15th-16th January 2015, Tampere, Finland*. Tampere University of Technology. School of Architecture.
- Holopainen, S., Kouhia, R., Könnö, J., & Saksala, T. (2015). 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* (pp. 71-74)
- Niemi, J. V., Saarikoski, S., Pirjola, L., Taimisto, P., Pulkkinen, A., Yli-Tuomi, T., ... Hillamo, R. (2015). Concentration and composition gradients of exhaust and non-exhaust particles near a major road. In *EAC 2015, European Aerosol Conference, 6-11 September, 2015, Milan, Italy*
- Vaittinen, E., & Nenonen, S. (2015). Consumer acceptance in new service innovation: Enhancing consumer durables with new product-related services. In *Proceedings of the 22nd Innovation Product Development Management Conference (IPDMC)* (International Product Development Management Conference).
- Martinsuo, M., Kivilä, J., & Heikkilä, J. (2015). 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.



Vainio, T., Walsh, T., & Varsaluoma, J. (2015). Cross-Cultural Design of Mobile Mathematics Learning Service for South African Schools. *IADIS International Journal on WWW/Internet*, 12(1), 81-93.

Jarusriboonchai, P., Olsson, T., Prabhu, V., & Väänänen-Vainio-Mattila, K. (2015). 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. <https://doi.org/10.1145/2702613.2732833>

Jaakkola, H., & Thalheim, B. (2015). Culture-Aware Web Information System Development. In T. Welzer, M. Hölbl, Y. Kiyoki, B. Thalheim, & H. Jaakkola (Eds.), *25th International Conference on Information Modelling and Knowledge Bases EJC 2015 June 9-12, 2015, Maribor, Slovenia* (pp. 121-138). Maribor: University of Maribor, Faculty of Electrical Engineering and Computer Science.

Vanharanta, H., Kantola, J., & Seikola, S. (2015). Customers' conscious experience in a coffee shop. In *6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015) and the Affiliated Conferences, AHFE 2015* (pp. 618-625). (Procedia Manufacturing; Vol. 3). Elsevier. <https://doi.org/10.1016/j.promfg.2015.07.283>

Järvinen, S. T., Saari, S., Keskinen, J., & Toivonen, J. (2015). Detailed analysis of laser-induced breakdown spectroscopy of single particles using electrodynamic balance trapping. In *The European Conference on Lasers and Electro-Optics 2015* (pp. CH\_7\_5). Optical Society of America.

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

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

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

Jokipii, J., & Suntio, T. (2015). 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)* (pp. 1976-1983). IEEE. <https://doi.org/10.1109/ICPE.2015.7168049>

Kähkönen, K., Huovinen, P., & Keinänen, M. (2015). Editorial. *Procedia Economics and Finance*, 21, 1-5.

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

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

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

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

- Ikkala, K., Lanz, M., Kiviö, J., & Coatanéa, E. (2015). Energy efficiency evaluation method for machine tools. In *Flexible Automation and Intelligent Manufacturing 2015* (pp. 58-65). The Choir Press.
- Laine, T., Suomala, P., & Saukkonen, N. (2015). Engaging facts and feelings in management accounting practices. In *IFKAD 2015 : 10th International Forum on Knowledge Asset Dynamics, Bari, Italy, June 10th-12th* (International forum on knowledge asset dynamics). Italy: Institute of Knowledge Asset Management & Arts for Business Institute.
- Kauranen, M., Czaplicki, R., Mäkitalo, J., Lehtolahti, J., Koskinen, K., Laukkanen, J., & Kuittinen, M. (2015). Enhancement mechanisms for second-harmonic generation from metal nanostructures. In *PROCEEDINGS OF SPIE: Ultrafast Phenomena and Nanophotonics XX* (Vol. 9746)
- Chen, Z., Dehmer, M., Emmert-Streib, F., & Shi, Y. (2015). Entropy of weighted graphs with Randić weights. *Entropy*, 17 (6), 3710-3723. <https://doi.org/10.3390/e17063710>
- Siljander, S., Kiviniemi, M., Sarlin, E., Lindgren, M., Suihkonen, R., & Vuorinen, J. (2015). Erosion testing of filled and/or reinforced vinyl ester composites in water medium at elevated temperature. In *Proceedings of the 20th International Conference on Composite Materials*
- Einolander, J. (2015). 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* (pp. 668-673). (Procedia Manufacturing; Vol. 3). Elsevier. <https://doi.org/10.1016/j.promfg.2015.07.300>
- Ryczkowski, P., Barbier, M., Friberg, A. T., Dudley, J. M., & Genty, G. (2015). Experimental demonstration of temporal ghost imaging. In *2015 European Conference on Lasers and Electro-Optics - European Quantum Electronics Conference [CF6\_3]* OSA.
- Abe, S., Ylinen, A., Narra Girish, N., Nikander, R., Hyttinen, J., Kouhia, R., & Sievänen, H. (2015). Exploration of different boundary conditions in the sideways falling situation in hip fracture finite element modelling. In *Proceeding of the XII Finnish Mechanics Days* (pp. 130-135). Rakenteiden Mekaniikan Seura ry.
- Chaudhary, S., Zhao, Y., Berki, E., Valtanen, J., Li, L., Helenius, M., ... Thapa, R. B. (2015). 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* (pp. 11-18)
- Närhi, M., Genty, G., Steinmeyer, G., Sand, J., & Orsila, L. (2015). Extreme Nonlinear Signal Amplification. In *2015 European Conference on Lasers and Electro-Optics - European Quantum Electronics Conference* OSA.
- Kunwar, P., Hassinen, J., Bautista, G., Ras, R. H. A., & Toivonen, J. (2015). Fabrication of Fluorescent Silver Nanoclusters-based Micro-Label in Polymers. In *The European Conference on Lasers and Electro-Optics 2015 [CM\_P\_5]* (European Conference on Lasers and Electro-Optics Europe and International Quantum Electronics Conference). OSA.
- Backas, J., Ghabcheloo, R., & Huhtala, K. (2015). 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* (pp. 64-75). Tampere University of Technology. Department of Intelligent Hydraulics and Automation.
- Psichoudaki, M., Faxon, C., Kuuluvainen, H., Thomson, E. S., Eriksson, A., Mallqvist, J., ... Hallquist, M. (2015). Gas and particle composition and properties of photochemically aged ship plumes using chemical ionization and aerosol mass spectrometry. In *EAC 2015, European Aerosol Conference, 6-11 September, 2015, Milan, Italy*
- Messo, T., Aapro, A., & Suntio, T. (2015). Generalized multivariable small-signal model of three-phase grid-connected inverter in DQ-domain. In *IEEE 16th Workshop on Control and Modeling for Power Electronics (COMPEL)* IEEE. <https://doi.org/10.1109/COMPEL.2015.7236460>

- Ledentsov, N. N., Shchukin, V. A., Lyytikäinen, J., Okhotnikov, O., Cherkashin, N. A., Shernyakov, Y. M., ... Hoffmann, A. (2015). 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). [93830E] SPIE. <https://doi.org/10.1117/12.2083953>
- Leinonen, T., Penttinen, J. P., Korpijärvi, V. M., Kantola, E., & Guina, M. (2015). >8W GaInNAs VECSEL emitting at 615 nm. In *Proceedings of SPIE: Vertical External Cavity Surface Emitting Lasers (VECSELs) V* (Vol. 9349). [934909] SPIE. <https://doi.org/10.1117/12.2079162>
- Järvenpää, E., & Lanz, M. (2015). 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* (pp. 531-538). (IFIP Advances in Information and Communication Technology). Springer International Publishing. [https://doi.org/10.1007/978-3-319-22759-7\\_61](https://doi.org/10.1007/978-3-319-22759-7_61)
- Roncero-Sanchez, P., & Acha, E. (2015). Harmonic and Imbalance Voltage Mitigation in Smart Grids: A DSTATCOM Based Solution. In *IEEE EUROCON 2015* <https://doi.org/10.1109/EUROCON.2015.7313751>
- Vihola, J., Sorri, J., Heljo, J., & Kero, P. (2015). Heat Loss Rate of the Finnish Building Stock. *Procedia Economics and Finance*, 21, 601-608. [https://doi.org/10.1016/S2212-5671\(15\)00218-X](https://doi.org/10.1016/S2212-5671(15)00218-X)
- Jäniskangas, T. (2015). *Hiekkatekonurmipintaisten pesäpallokenttien ominaisuuksien muuttuminen ja elinkaari*. (Tampereen teknillinen yliopisto. Rakennustekniikan laitos. Maa- ja pohjarakenteet. Tutkimusraportti; Vol. 80). Tampereen teknillinen yliopisto. Rakennustekniikan laitos.
- Hokka, M., Östman, K., Rämö, J., & Kuokkala, V. T. (2015). High Temperature Tension HSB Device Based on Direct Electrical Heating. In B. Song, D. Casem, & J. Kimberley (Eds.), *Dynamic Behavior of Materials, Volume 1: Proceedings of the 2014 Annual Conference on Experimental and Applied Mechanics* (Vol. 65, pp. 227-233). (Conference Proceedings of the Society for Experimental Mechanics Series). Springer. [https://doi.org/10.1007/978-3-319-06995-1\\_34](https://doi.org/10.1007/978-3-319-06995-1_34)
- Marttila, T., Annala, P., Kero, P., Suonketo, J., Heino, S., & Pentti, M. (2015). *HKPro3 - Valtion tukemien homekorjaushankkeiden arviointi: Jatkotutkimus*. (Tampereen teknillinen yliopisto. Rakennustekniikan laitos. Rakennetekniikka; Tutkimusraportti; Vol. 163). Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennustekniikka.
- Salmisto, A. (2015). How to co-learn in campus. In S. Nenonen, S. Kärnä, J-M. Junnonen, S. Tähtinen, & N. Sandström (Eds.), *Oppiva kampus - How to co-create campus?* (pp. 320-337). Tampere: Suomen Yliopistokiinteistöt Oy.
- Reunanen, T. (2015). Human Factor in Time Management. *Procedia Manufacturing*, 3, 709-716. <https://doi.org/10.1016/j.promfg.2015.07.311>
- Tuhtan, J. A., Strokina, N., Toming, G., Muhammad, N., Kruusmaa, M., & Kämäräinen, J-K. (2015). Hydrodynamic Classification of Natural Flows Using an Artificial Lateral Line and Frequency Domain Features. In *36th IAHR World Congress*
- Jääskeläinen, A., Heikkilä, J., & Thitz, O. (2015). Identifying the potential of performance measurement in supporting strategic purchasing and supply chain management. In *8th conference on performance measurement and management control* (pp. 1-21). (Conference on Performance Measurement and Management Control). Nice, France: The European Institute for Advanced Studies in Management, EIASM.
- Seppä, V-P., Pelkonen, A. S., Kotaniemi-Syrjänen, A., Viik, J., Mäkelä, M. J., & Malmberg, P. (2015). Impedanssipneumografia pienten lasten alahengitytiesoireiden selvittelyssä. In *Allergiatutkimussäätiön vuosikirja 2015* (Allergiakoulu).

- Kurki, V., Sidaraviciute, R., Sörensen, J., Kibocha, S. N., Retike, I., Ikobe, G., ... Rajala, R. (2015). Importance and challenges of sharing experiences among an international and interdisciplinary group of doctoral students. *Ympäristöhistoria: Finnish Journal of Environmental History*, (1/2015), 45-51.
- Vuorinen, L., & Sariola, R. (2015). Improving project control by combining earned value analysis and automatic data collection. In *International Research Network in Organizing by Projects Conference 2015: IRNOP* (pp. 1). London, U.K..
- Leppänen, A., & Välimäki, E. (2015). Improving Recovery Boiler Availability through Understanding Fume Behavior. In *TAPPI PEERS Conference Proceedings, October 25-28, 2015 Atlanta, Georgia*: TAPPI.
- Amiot, C. G., Aalto, A., Toivonen, J., & Genty, G. (2015). Incoherent Broadband Cavity Enhanced Absorption Spectroscopy Using a Supercontinuum Source in the Mid-IR. In *Laser Science 2015: Proceedings Frontiers in Optics 2015 [JTU4A-80]* <https://doi.org/10.1364/FIO.2015.JTU4A.80>
- Amiot, C., Aalto, A., Genty, G., & Toivonen, J. (2015). Incoherent Broadband Cavity Enhanced Absorption Spectroscopy with a Supercontinuum Source. In *2015 European Conference on Lasers and Electro-Optics - European Quantum Electronics Conference: Proceedings* (pp. CH\_P\_16). Optical Society of America.
- Kopra, M.-J., Halonen, N., Järvenpää, E., & Lanz, M. (2015). 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* (pp. 539-546). (IFIP Advances in Information and Communication Technology). Springer International Publishing. [https://doi.org/10.1007/978-3-319-22759-7\\_62](https://doi.org/10.1007/978-3-319-22759-7_62)
- Rajala, S., & Lekkala, J. (2015). Infant respiration and heart rate monitoring with EMFi sensor. In J. Holub (Ed.), *IMEKO XXI World Congress, Proceedings, August 30 - September 4, 2015, Prague, Czech Republic*
- Turunen, E., & Navara, M. (2015). Infinitesimals and Pavelka logic. In JM. Alonso, H. Bustince, & M. Reformat (Eds.), *PROCEEDINGS OF THE 2015 CONFERENCE OF THE INTERNATIONAL FUZZY SYSTEMS ASSOCIATION AND THE EUROPEAN SOCIETY FOR FUZZY LOGIC AND TECHNOLOGY* (pp. 1027-1033). (Advances in Intelligent Systems Research; Vol. 89). PARIS: Atlantis Press. <https://doi.org/10.2991/ifsaeusflat-15.2015.145>
- Sörensen, J., Kurki, V., Sidaraviciute, R., Ngari Kibocha, S., Retike, I., Ikobe, G., ... Rajala, R. (2015). Interdisciplinary water research network building within Nordic and Baltic countries. *Vatten*, (71), 79-83.
- Balandin, S., Andreev, S., & Koucheryavy, Y. (Eds.) (2015). *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*. (Lecture Notes in Computer Science; Vol. 9247). Springer International Publishing. <https://doi.org/10.1007/978-3-319-23126-6>
- Lilja, K. (2015). Jossakin vuoti öljy, muualla tiikuivat tiedot - etiikka katoavien rajojen ja suurten skandaalien aikakaudella. In *Silmät auki It-etiikkaan* (pp. 85-101). (Eduskunnan tulevaisuusvaliokunnan julkaisu; No. 12). EDUSKUNNAN TULEVAISUUSVALIOKUNTA.
- Koponen, O-P. (2015). Kangasala-talo: Vanhan kulttuuripitäjän uusi kulttuuritalo. *Arkkitehti*, 2015(4/2015), 67-69.
- Helamaa, A. (2015). Kattavasti rivitaloista. *Arkkitehti*, (3), 80-81.
- Loukola-Ruskeeniemi, K. (Ed.), Lonka, H. (Ed.), Ehrukainen, E., Gustafsson, J., Honkanen, M., Härmä, P., ... Aalto, M. (2015). *Kiviaines- ja luonnonkiviteollisuuden kehitysnäkymät*. (Työ- ja elinkeinoministeriön julkaisuja; Vol. 2015, No. 54). Helsinki: Työ- ja elinkeinoministeriö.

Katko, T. S. (2015). Kohti tasapuolisempaa tutkimuksen arviointia: Pääkirjoitus. *Ympäristöhistoria: Finnish Journal of Environmental History*, 5(1), 4-5.

Chudoba, M. (2015). Koteja ja kokonaistaideteoksia. *Arkkitehti*, (3), 76-78.

Heikkilä, J., & Martinsuo, M. (2015). Lean-tuotanto ja sen johtaminen: onnistuminen, haasteet ja soveltuminen Suomen yrityksiin ja muihin organisaatioihin. *Työpoliittinen aikakauskirja*, (3), 18-24.

Huovinen, P. (2015). Leveraging concepts for environmentally sustainable business management in construction - a focused review. In C. Egbu (Ed.), *CIB Proceedings 2015 : Going North for Sustainability: Leveraging Knowledge and Innovation for Sustainable Construction and Development* (pp. 286-296). London, UK: IBEA Publications Ltd.

Hyytinen, T., & Kivistö-Rahnasto, J. (2015). *Liikuntapalveluiden ulkoistaminen ja palveluiden turvallisuus. Nykytilanne ja kuntien kokemukset – Loppuraportti*. (Opetus- ja kulttuuriministeriön julkaisu). Helsinki: OPETUS- JA KULTTUURIMINISTERIÖ.

Kolu, A., Rajapolvi, K., Hyvönen, M., Multanen, P., & Huhtala, K. (2015). Low-cost 3D lidar for the mapping of autonomous mobile work machine. In *Proceedings of the Fourteenth Scandinavian International Conference on Fluid Power, SICFP15. May 20-22, 2015. Tampere, Finland*

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

Khosravi, M., & Kähkönen, K. (2015). Management and Planning Under Complexities of Metro Construction. *Procedia Economics and Finance*, 21, 415-421. [https://doi.org/10.1016/S2212-5671\(15\)00194-X](https://doi.org/10.1016/S2212-5671(15)00194-X)

Aramo-Immonen, H., Hietaoja, H., Jussila, J. J., & Ammirato, S. (2015). Managing Cultural Knowledge in Project Execution. In *10th International Forum on Knowledge Asset Dynamics, IFKAD 2015, Bari, Italy: Culture, Innovation and Entrepreneurship: connecting the knowledge dots* (Vol. 10, pp. 1085-1096). Bari: IKAM Centro Studi & Ricerche.

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

Närhi, M., Genty, G., Amiot, C., Dutta, R., Friberg, A. T., Dudley, J. M., & Turunen, J. (2015). Measurement of the Temporal Coherence of Supercontinuum Light. In *2015 European Conference on Lasers and Electro-Optics - European Quantum Electronics Conference [EE\_3\_1]* OSA.

Kuuluvainen, H., Faxon, C., Psichoudaki, M., Thomson, E. S., Eriksson, A., Kristensson, A., ... Hallquist, M. (2015). Measurements of particulates and gas phase precursors emissions from fresh ship plumes during the Big Glenn 2014 Campaign. In *EAC 2015, European Aerosol Conference, 6-11 September, 2015, Milan, Italy*

Koponen, O-P. (2015). Meeting of Vernacular and Modern Architecture in Urbino: Giancarlo De Carlo and reading of the context. In M. Mattila (Ed.), *Italian Vernadoc 2015 – Amandola: Studying Italia and its architecture. The first 10 VERNADOC-years* (pp. 26-29). Helsinki: Suomen ICOMOS, kansanrakentamisen komitea.

Piche, R. A. (2015). Mezhdunarodnaya konferencia po pozicionirovaniyu i navigacii vnutri pomeshhenij. *Giroskopiya I Navigatsiya*, 88(1), 122-124.

Järvinen, A., Kuuluvainen, H., Niemi, J. V., Saari, S., Dal Maso, M., Pirjola, L., ... Rönkkö, T. (2015). Monitoring urban air quality with a diffusion charger based electrical particle sensor. *Urban Climate*, 14(3). <https://doi.org/10.1016/j.uclim.2014.10.002>

Korpijärvi, V-M., Kantola, E. L., Leinonen, T., & Guina, M. (2015). Monolithic GaInNAsSb/GaAs VECSEL emitting at 1550 nm. In *SPIE conference proceedings* (Vol. 9349). [93490D] SPIE. <https://doi.org/10.1117/12.2077517>

Kolisoja, P., Kalliainen, A., & Vuorimies, N. (2015). New mechanistic design approach for subgrade rutting of Low Volume Roads. In *XVI ECSMGE 2015, 13-17 September 2015 - Edinburgh: Geotechnical engineering for infrastructure and development* (pp. 301-306)

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

Visa, A., Einolander, J., & Vanharanta, H. (2015). New tools to help in the recruitment process. In *6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015) and the Affiliated Conferences, AHFE 2015* (pp. 653-659). (Procedia Manufacturing; Vol. 3). Elsevier. <https://doi.org/10.1016/j.promfg.2015.07.297>

Hyyti, J., Hofmann, M., Birkholz, S., Bock, M., Das, S. K., Grunwald, R., ... Steinmeyer, G. (2015). Non-Instantaneous Polarization Dynamics in Resonant Dielectrics. In *2015 European Conference on Lasers and Electro-Optics - European Quantum Electronics Conference [EE\_5b\_2]* Washington, D.C.: Optical Society of America.

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

Saksala, T. (2015). Numerical modelling of rock fracture with the embedded discontinuity approach incorporating heterogeneity. In *ISRM Congress 2015 Proceedings: Innovations in Applied and Theoretical Rock Mechanics [177]* International Society for Rock Mechanics ISRM.

Hosek, J., Kovac, D., Uhlir, D., Galinina, O., Andreev, S., Koucheryavy, Y., & Ries, M. (2015). On Predicting Video Quality Expectations of Mobile Users. In *2015 7th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT)* (pp. 110-115). IEEE. <https://doi.org/10.1109/ICUMT.2015.7382414>

Lobov, A. (2015). On service composition - dynamic formation and orchestration of service workflows. In S. Strzelczak, P. Balda, M. Garetti, & A. Lobov (Eds.), *Open Knowledge-Driven Manufacturing and Logistics - The eScop Approach* (pp. 311-319). Warsaw University of Technology Publishing House.

Jeronen, J., & Kouhia, R. (2015). On the effect of damping on stability of non-conservative systems. In R. Kouhia, J. Mäkinen, S. Pajunen, & T. Saksala (Eds.), *Proceedings of the XII Finnish Mechanics Days: Suomen XII mekaniikkapäivien esitelmät* (pp. 77). Rakenteiden Mekaniikan Seura ry.

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

Raunio, J-P., Ritala, R., & Välimäki, T. (2015). Optimal operation of a three camera system on a four-wheel robot. In *IMEKO XXI World Congress, Fundamental and Applied Metrology, Proceedings, August 31-September 4, 2015, Prague, Czech Republic* (pp. 968-973)

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

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

Pirjola, L., Dittrich, A., Niemi, J. V., Saarikoski, S., Malinen, A., Kuuluvainen, H., ... Hillamo, R. (2015). Physical and chemical properties of real exhaust particle emissions from city buses. In *EAC 2015, European Aerosol Conference, 6-11 September, 2015, Milan, Italy*

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

Koponen, O-P. (2015). Postmodernismi Suomen rakennusperinnössä. *Arkkitehti*, 2015(2/2015), 72-74.

Borja Ramis, F., Iaroyi, S., Lobov, A., & Martinez Lastra, J. L. (2015). Potentials of web standards for automation control in manufacturing systems. In *2015 IEEE European Modelling Symposium* (pp. 359-366)  
<https://doi.org/10.1109/EMS.2015.59>

Heikkinen, J., Gumenyuk, R., Rantamäki, A., Lyytikäinen, J., Leinonen, T., Zolotovskii, I., ... Okhotnikov, O. G. (2015). Power and wavelength scaling using semiconductor disk laser - bismuth fiber MOPA systems. In M. Guina (Ed.), *Vertical External Cavity Surface Emitting Lasers (VECSELs) V [93490E]* (Proceedings of SPIE; Vol. 9349). BELLINGHAM: SPIE.  
<https://doi.org/10.1117/12.2076805>

Haapanen, J. (2015). *Principles of designing for situation awareness*. (pp. 29-46). (Situational awareness for critical infrastructure protection; Vol. 3, No. 1). Tampere: Maanpuolustuskorkeakoulu Sotatekniikan laitos.

Vanharanta, H., & Kantola, J. (2015). Proactive vision for strategy making. In *6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015) and the Affiliated Conferences, AHFE 2015* (pp. 587-594). (Procedia Manufacturing; Vol. 3). Elsevier. <https://doi.org/10.1016/j.promfg.2015.07.272>

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

Viro, E., & Eriksson, S-L. (2015). Projektioppiminen yläkoulun matematiikassa. *Lumat*, 3(7), 1005-1009.

Roinila, T., Messo, T., Suntio, T., & Vilko, M. (2015). Pseudo-Random Sequences in DQ-Domain Analysis of Feedforward Control in Grid-Connected Inverters. In *17th IFAC Symposium on System Identification SYSID 2015 - Beijing, China, 19-21 October 2015* (pp. 1301-1306). (IFAC-PapersOnLine; Vol. 48, No. 28).  
<https://doi.org/10.1016/j.ifacol.2015.12.311>

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

Hynynen, A., Panu, A-M., & Taanila, T. (Eds.) (2015). *Puu-Hubi: Perinteestä uusiin innovaatioihin*. Tampereen teknillinen yliopisto. Arkkitehtuurin laitos.

Hynynen, A. (2015). Puurakentamisesta potkua alueiden ja kaupunkien kehittämiseen. In A. Hynynen, A-M. Panu, & T. Taanila (Eds.), *Puu-Hubi. : Perinteestä uusiin innovaatioihin* (pp. 75-93). Tampereen teknillinen yliopisto. Arkkitehtuurin laitos.

Paci, M., Hyttinen, J., & Severi, S. (2015). Quantification of the ionic current contributions to alterations in the action potential repolarization by means of piecewise-linear approximation. In *Computing in cardiology 2015* (pp. 145-148). (Computing in Cardiology; Vol. 42).

Raumonen, P. A. (2015). Quantitative structure tree models from terrestrial laser scanner data. In *Proceedings of SilviLaser 2015: 14th conference on Lidar Applications for Assessing and Managing Forest Ecosystems* (pp. 32-34)

Chudoba, M., Rajaniemi, J., & Virkkala, J. (Eds.) (2015). *Raitiotien seisakkeet: Yhdyskuntasuunnittelun jatkokurssi A ja B*. Tampere University of Technology, School of Architecture.

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

Leivo, V., Turunen, M., Aaltonen, A., Kiviste, M., Pekkonen, M., & Haverinen-Shaughnessy, U. (2015). Rakennusten energiatehokkuuden parantamisen vaikutukset - Insulate-projektiin tuloksia. In *Rakennusfysiikka 2015: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut, 20.-22.10.2015, Tampere* (pp. 369-380). Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka.

Vinha, J. (2015). Rakennusten rakennusfysikaalisen suunnittelun ja toteutuksen periaatteet. In *Rakentajain kalenteri 2016* (pp. 399-426). (Rakentajain kalenteri; Vol. 100). Rakennustieto Oy.

Kylliäinen, M. (2015). Rakenteiden ääneneristyskyvystä asumismelun kokemiseen. In *Rakentajain Kalenteri* (pp. 92-96). Helsinki: Rakennustieto Oy.

Sirbu, A., Rantamäki, A., Iakolev, V., Mereuta, A., Caliman, A., Volet, N., ... Kapon, E. (2015). Recent progress in wafer-fused VECSELS emitting in the 1310 nm waveband. In M. Guina (Ed.), *Proceedings of SPIE vol. 8966, 2014*. (Proceedings of SPIE; Vol. 9349). BELLINGHAM: SPIE. <https://doi.org/10.1117/12.2079752>

Calders, K., Burt, A., Newnham, G., Disney, M., Murphy, S., Raumonen, P., ... Kaasalainen, M. (2015). Reducing uncertainties in above-ground biomass estimates using terrestrial laser scanning. In *Proceedings of SilviLaser 2015: 14th conference on Lidar Applications for Assessing and Managing Forest Ecosystems* (pp. 197-199)

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

Stanković, R. S., Astola, J. T., Moraga, C., Stanković, M., & Gajić, D. (2015). Remarks on characterization of bent functions in terms of gibbs dyadic derivatives. In *Computer Aided Systems Theory – EUROCAST 2015: 15th International Conference, Las Palmas de Gran Canaria, Spain, February 8-13, 2015, Revised Selected Papers* (pp. 632-639). (Lecture Notes in Computer Science; Vol. 9520). Springer. [https://doi.org/10.1007/978-3-319-27340-2\\_78](https://doi.org/10.1007/978-3-319-27340-2_78)

Hukka, J. J., & Katko, T. S. (2015). Resilient Asset Management and Governance Fordeteriorating Water Services Infrastructure. *Procedia Economics and Finance*, 21, 112-119. [https://doi.org/10.1016/S2212-5671\(15\)00157-4](https://doi.org/10.1016/S2212-5671(15)00157-4)

Alanne, A., & Pekkola, S. (2015). Riding for a fall in outsourced ISD: Knowledge transfer challenges between the onshore vendor and the offshored unit. In I. Oshri, J. Kotlarsky, & L. Willcocks (Eds.), *Achieving Success and Innovation in Global Sourcing: Perspectives and Practices: 9th Global Sourcing Workshop 2015, La Thuile, Italy, February 18-21, 2015, Revised Selected Papers* (pp. 124-140). (Lectures Notes in Business Information Processing; Vol. 236). Germany: Springer Verlag. [https://doi.org/10.1007/978-3-319-26739-5\\_7](https://doi.org/10.1007/978-3-319-26739-5_7)

Bragadin, M. A., & Kähkönen, K. (2015). Safety, Space and Structure Quality Requirements in Construction Scheduling. *Procedia Economics and Finance*, 21, 407-414. [https://doi.org/10.1016/S2212-5671\(15\)00193-8](https://doi.org/10.1016/S2212-5671(15)00193-8)



Korpela, T., Kumpulainen, P., Majanne, Y., & Häyrynen, A. (2015). Savukaasun NOx-päästöjen epäsuora monitorointi maakaasukäyttöisissä polttolaitoksissa. In S-L. Jämsä-Jounela (Ed.), *Automaatio XXI seminaari* (pp. 1-6). (SAS julkaisusarja; No. 44). Suomen Automaatioseura.

Sand, J., Ihantola, S., Nicholl, A., Hrneck, E., Toivonen, J., Toivonen, H., & Peräjärvi, K. (2015). Scanning of radioluminescence emission with a PMT for remote detection of alpha contamination. In *The European Conference on Lasers and Electro-Optics 2015* [CN\_2\_3] Optical Society of America.

Hirvonen, T. (2015). *Seinäjoen ydinkeskustan olennaiset kehitysvaiheet ja sen 1950 - 70-lukujen rakennusperinnön arvottamisperiaatteita*. Tampere: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos.

Gudkova, I., Samouylov, K., Ostrikova, D., Mokrov, E., Ponomarenko-Timofeev, A., Andreev, S., & Koucheryav, Y. (2015). Service Failure and Interruption Probability Analysis for Licensed Shared Access Regulatory Framework. In *2015 7th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT)* (pp. 123-131). IEEE. <https://doi.org/10.1109/ICUMT.2015.7382416>

Ryczkowski, P., Barbier, M., Friberg, A. T., Dudley, J. M., & Genty, G. (2015). Shadow Ghost Imaging in the Time Domain. In *Frontiers in Optics 2015* [FW6C.1] OSA. <https://doi.org/10.1364/FIO.2015.FW6C.1>

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

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

Ojala, P., Saarenrinne, P., Miettinen, J., Multanen, P., Kiilunen, J., Hietala, J-P., ... Ylönen, M. (2015). Simulointi nopeuttaa käyttöiän määrittystä. *Promaint*, 2, 24-27.

Contreras, V., Lonqvist, J., & Toivonen, J. (2015). Single micro-particle scattering detection based on Edge Filter Enhanced Self-Mixing Interferometry. In *2015 European Conference on Lasers and Electro-Optics - European Quantum Electronics Conference* (pp. CH\_P\_11). Optical Society of America.

Katko, T. S., & Hukka, J. J. (2015). Social and Economic Importance of Water Services in the Built Environment: Need for More Structured Thinking. *Procedia Economics and Finance*, 21, 217-223. [https://doi.org/10.1016/S2212-5671\(15\)00170-7](https://doi.org/10.1016/S2212-5671(15)00170-7)

Mäenpää, S., & Breite, R. (2015). Social capital in hybrid governance - Case study in a global subcontracting process. In *Proceedings of the 24th Annual IPSERA Conference Preparing for new competitive challenges, March 29-April 1, Amsterdam, the Netherlands* IPSERA.

Jussila, J. J., Kärkkäinen, H., Aramo-Immonen, H., Ammirato, S., Michele Felicetti, A., & Della Gala, M. (2015). Social media applications in external B2B transactions: An empirical analysis of the Finnish technology industry. In *10th International Forum on Knowledge Asset Dynamics: Culture, Innovation and Entrepreneurship: connecting the knowledge dots* (Vol. 10, pp. 1930-1940). Bari.

Karjalainen, M., Roine, A., Oksala, N., & Lekkala, J. (2015). Some aspects of molecular physics in measuring tissue samples using enose for disease diagnostics. In *XXI IMEKO World Congress "Measurement in Research and Industry"* IMEKO-International Measurement Federation Secretariat.

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

Rantanen, A., & Joutsiniemi, A. (2015). Strategic planning and epistemology of change: Probing the fitness of urban and planning systems with resilient spatial strategies. In A. Hatakka, & J. Vehmas (Eds.), *Sustainable Futures in a Changing Climate: Proceedings of the Conference "Sustainable Futures in a Changing Climate", 11–12 June 2014, Helsinki, Finland* (Vol. 2/2015, pp. 336-347). (FFRC eBOOK 2/2015). Turku: Finland Futures Research Centre, University of Turku.

Heinisuo, M., Mela, K., Tiainen, T., Jokinen, T., Baczkiewicz, J., & Garifullin, M. (2015). Surrogate model for rotational stiffness of welded tubular Y-joints. In *METNET Tenth International Seminar in Budapest 13.-14.10.2015* (pp. 18-39). (HAMKin julkaisuja; No. 15).

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

Edelman, H., & Härkönen, K. (Eds.) (2015). *Sustainable Design Studio 2014*. Tampere University of Technology. School of Architecture.

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

Dang, D., & Pekkola, S. (2015). Systematic Literature Review on Enterprise Architecture in the Public Sector. In A. Öörni, N. Iivari, K. Kuutti, H. Oinas-Kukkonen, & M. Rajanen (Eds.), *The 38th Information Systems Research Conference in Scandinavia (IRIS38)*

Coatanéa, E., Rynnänen, L., Calonius, O., Mokammel, F., & Riitahuhta, A. (2015). Systematic Search and Ranking of Physical Contradictions Using Graph Theory Principles: Toward a Systematic Analysis of Design Strategies and their Impacts: TRIZ and Knowledge-Based Innovation in Science and Industry. *Procedia Engineering*, 131, 1165-1182. <https://doi.org/10.1016/j.proeng.2015.12.441>

Koponen, O-P. (2015). Tammerkoski ja Hämeenkatu Tampereen arkkitehtonisen identiteetin ankkureina. In R. Hautamäki (Ed.), *Tampereen tarina: Teollisuuden synnyttämä kaupunki harjujen ja järvien solmukohdassa* (Vol. Julkaisuja 5/2015, pp. 35-42). (Tampereen kaupunki/Kaupunkiympäristön kehittäminen; Vol. 5/2015). Kaupunkiympäristön kehittäminen: Tampereen kaupunki.

Katko, T. S., Lukka, A., & Rajala, R. (2015). Tampereelta valmistuneiden vesihuoltoalan diplomi-insinöörien sijoittuminen ja odotukset yliopisto-opetukselle. *Vesitalous*, (2), 45-47.

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

Ritamäki, M., Rytöluoto, I., & Lahti, K. (2015). Temperature Effect on Breakdown Performance of Insulating Polymer Thin Films. In *24th Nordic Insulation Symposium on Materials, Components and Diagnostics, Proceedings* (pp. 75-79). (Proceedings of the Nordic Insulation Symposium; No. 24).

Ryczkowski, P., Barbier, M., Friberg, A. T., Dudley, J. M., & Genty, G. (2015). Temporal Ghost Imaging. In *Frontiers in Optics 2015 [FTh4D.4]* OSA. <https://doi.org/10.1364/FIO.2015.FTh4D.4>

Tiainen, T., & Heinisuo, M. (2015). Teräsristikon paarteiden liitoksen vapaan välin leikkausvoiman arviointi. In *Proceedings of the XII Finnish Mechanics Days. Suomen XII Mekaniikkapäivien esitelmät* (pp. 30-35). Rakenteiden Mekaniikan Seura ry.

Gonzalez de Tanago, J., Bartholomeus, H., Joseph, S., Herold, M., Avitabile, V., Goodman, R., ... Burt, A. (2015). Terrestrial LiDAR and 3D tree Quantitative Structure Model for quantification of aboveground biomass loss from selective logging in a tropical rainforest of Peru. In *Proceedings of SilviLaser 2015: 14th conference on Lidar Applications for Assessing and Managing Forest Ecosystems* (pp. 119-121)

Markopoulos, E., & Vanharanta, H. (2015). The Company Democracy Model for the Development of Intellectual Human Capitalism for Shared Value. In *6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015) and the Affiliated Conferences, AHFE 2015* (pp. 603-610). (Procedia Manufacturing; Vol. 3). Elsevier. <https://doi.org/10.1016/j.promfg.2015.07.277>

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

Fedorik, F., & Malaska, M. (2015). The Effects of Initial Moisture on Damp Problems of a Timber Framed Wall Construction - a Numerical Approach. In R. Kouhia, J. Mäkinen, S. Pajunen, & T. Saksala (Eds.), *Proceedings of the XII Finnish Mechanics Days : Finnish mechanics days* (pp. 18-23). Espoo, Finland: Finnish Association for Structural Mechanics.

Rusu, C., & Astola, J. (2015). The Extended 1-D (One-Dimensional) Discrete Phase Retrieval Problem. In *Computer Aided Systems Theory – EUROCAST 2015: 15th International Conference, Las Palmas de Gran Canaria, Spain, February 8-13, 2015, Revised Selected Papers* (pp. 640-647). (Lecture Notes in Computer Science; Vol. 9520). Springer. [https://doi.org/10.1007/978-3-319-27340-2\\_79](https://doi.org/10.1007/978-3-319-27340-2_79)

Laamanen, A., & Huhtala, K. (Eds.) (2015). *The Fourteenth Scandinavian International Conference on Fluid Power, SICFP15: Proceedings*. (Scandinavian International Conference on Fluid Power (SICFP)). Tampere University of Technology. Department of Intelligent Hydraulics and Automation.

Laamanen, A., & Huhtala, K. (Eds.) (2015). *The Fourteenth Scandinavian International Conference on Fluid Power, SICFP15: Abstracts*. Tampere University of Technology, Department of Intelligent Hydraulics and Automation.

Kärkkäinen, H., Jussila, J., & Erkinheimo, P. (2015). The New Era of Crowdsourcing — Industrial Crowdsourcing. In B. Salmelin (Ed.), *Open Innovation Yearbook 2015* (pp. 25-31). Brussel: European Commission. <https://doi.org/10.2759/92658>

Huovinen, P. (2015). Theoretical 71-Concept Platform for Advancing Construction-related Business Management. *Procedia Economics and Finance*, 21, 80-87. [https://doi.org/10.1016/S2212-5671\(15\)00153-7](https://doi.org/10.1016/S2212-5671(15)00153-7)

Fard Sanei, M. A., Kiilunen, J., Pippola, J., Lahokallio, S., & Frisk, L. (2015). Thermomechanical properties of overmolded epoxies in MEMS packaging. In *Proceedings of the IMAPS Nordic Annual Conference, June 8-9, 2015, Helsingør, Denmark* (pp. 175-179). IMAPS Nordic.

Rytöluoto, I., Lahti, K., Ritämäki, M., & Karttunen, M. (2015). The role of film processing in the large-area dielectric breakdown performance of nano-silica-BOPP films. In *24th Nordic Insulation Symposium on Materials, Components and Diagnostics (NORD-IS), Proceedings* (Proceedings of the Nordic Insulation Symposium; No. 24). Copenhagen, Denmark.

Nononen, S., & Vaitinen, E. (2015). The role of product retailers' service adoption in services introduction - A case of services supplementing consumer durables. In X. Zhao, J. J. Zhang, & H. J. Han (Eds.), *The 14th International Research Symposium on Service Excellence in Management: QUIS14* (pp. 762-771). Shanghai.

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

Markopoulos, E., & Vanharanta, H. (2015). The World Innovation Stock Exchange- shared value for individuals, business and society. In *6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015) and the Affiliated Conferences, AHFE 2015* (pp. 595-602). (Procedia Manufacturing; Vol. 3). Elsevier. <https://doi.org/10.1016/j.promfg.2015.07.275>

Jylhä, T., Vuolle, M., Nenonen, S., & Virtaneva, M. (2015). Towards Business Potential of Workplace Services in Finland. In *8th Nordic Conference on Construction Economics and Organization: May 28-29 2015, Tampere, Finland* (Vol. 21, pp. 518-523). (Procedia Economics and Finance). Elsevier. [https://doi.org/10.1016/S2212-5671\(15\)00207-5](https://doi.org/10.1016/S2212-5671(15)00207-5)

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

Rantamäki, A., Saarinen, E., Lyytikäinen, J., Heikkinen, J., Lahtonen, K., Valden, M., & Okhotnikov, O. (2015). Towards high power flip-chip long-wavelength semiconductor disk lasers. In *Proceedings of SPIE* (Vol. 9349). SPIE. <https://doi.org/10.1117/12.2076795>

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

Saari, A., & Tauriainen, M. (2015). Townhouse-talotyypin rakennuskustannukset: kolmen suunnitteluratkaisun taloudellisuuden analysointi. In *Nollaa parempi – Townhouse energiatehokkaassa asuinrakentamisessa* (pp. 94-97). (Aalto University publication series Crossover; No. 9/2015). Aalto-yliopisto.

Calders, K., Disney, M., Nightingale, J., Origo, N., Barker, A., Raunonen, P. A., ... Fox, N. (2015). Traceability of essential climate variables through forest stand reconstruction with terrestrial laser scanning. In *Proceedings of SilviLaser 2015: 14th conference on Lidar Applications for Assessing and Managing Forest Ecosystems* (pp. 122-124)

Kuuluvainen, H., Saari, S., Mensah-Attipoe, J., Pasanen, P., Reponen, T., & Keskinen, J. (2015). Triboelectric charging of fungal spores during resuspension and rebound. In *EAC 2015, European Aerosol Conference, 6-11 September, 2015, Milan, Italy*

Turquet, L., Bautista, G., Karvonen, L., Dhaka, V., Chen, Y., Jiang, H., ... Kauranen, M. (2015). Tunable nonlinear effects through focused spatially phase-shaped beams. In *European Quantum Electronics Conference 2015 [EG\_P\_11]* Optical Society of America.

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

Ylinen, A., Kouhia, R., & Mäkinen, J. (2015). Two models for hydraulic cylinder. In A. Ibrahimbegović, N. Ademović, E. Ilić-Georgijević, A. Serdarević, M. Hrasnica, & S. Dolarević (Eds.), *2nd International Conference on Multi-Scale Computational Methods for Solids and Fluids: ECCOMAS MSF 2015* (pp. 115-116). Sarajevo.

Salonen, J., Laukkarinen, A., & Vinha, J. (2015). Ulkoseinien rakennusfysikaaliset riskit ja pitkäaikaiskestävät ratkaisut. In A. Soikkeli, J. Koiso-Kanttila, & L. Sorri (Eds.), *Korjaa ja korota: Kerrostalojen korjaamisen ja lisäkerrosten rakentamisen ratkaisuja* (Vol. 62, pp. 74-81). (Oulun yliopisto, arkkitehtuurin osasto. A. Julkaisu). Oulu, Finland: Oulun yliopisto.

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

Lehtovuori, P. (2015). Uusia tuulia Euroopasta. In *Asukkaan ehdoilla: moninaisuutta asumamuotoihin* (pp. 42-59). Helsinki: Rakennustieto Oy.

Vinha, J. (2015). Uusi Rakennusfysiikan käsikirja. In *Sisäilmastoseminaari 2015* (pp. 167-172). (Sisäilmastoyhdistys raportti; No. 33).

- Länsivaara, T. (2015). Varmuuden kohdentaminen geotekniikassa, miten Eurokoodeja voisi kehittää? In *Geotekniikan päivä 2015* SGY.
- Majanne, Y., Korpela, T., Judl, J., Koskela, S., Laukkanen, V., Häyrynen, A., & Salminen, O. (2015). Voimalaitosten reaaliaikainen ympäristövaikutusten monitorointi. In S-L. Jämsä-Jounela (Ed.), *Automaatio XXI seminaari* (pp. 1-6). (SAS julkaisusarja; No. 44). Suomen Automaatioseura.
- Katko, T. S., Juuti, P., Pietilä, P., & Rajala, R. (2015). Water services heritage and institutional diversity. In W. Willems, & H. van Schaik (Eds.), *Water and Heritage: material, conceptual and spiritual connections* Sidestone Press.
- Petrov, V., Bezzateev, S., & Zybin, V. (2015). Wireless Authentication using OPACITY Protocol. In *2015 7th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT)* (pp. 253-258). IEEE. <https://doi.org/10.1109/ICUMT.2015.7382438>
- Moilanen, C., Björkqvist, T., & Saarenrinne, P. (2015). Wood compression model for radial compression of earlywood and latewood. In *Proceedings of the XII Finnish Mechanics Days* (pp. 261-266). Rakenteiden Mekaniikan Seura ry.
- Huotari, P., Järvi, K., Kortelainen, S., & Huhtamäki, J. (2015). Winner-Does-Not-Take-All: Selective Attention and Local Bias in Platform-Based Markets. In *Academy of Management Proceedings: Meeting Abstract Supplement* (Academy of Management. Annual Meeting Proceedings). Academy of Management.
- Koivisto, A. J., Jensen, A. C. Ø., Levin, M., Kling, K. I., Maso, M. D., Nielsen, S. H., ... Koponen, I. K. (2015). Testing the near field/far field model performance for prediction of particulate matter emissions in a paint factory. *Environmental Sciences: Processes and Impacts*, 17(1), 62-73. <https://doi.org/10.1039/c4em00532e>
- Knyazev, S., Tarakanov, S., Kuznetsov, V., Porozov, Y., Koucheryavy, Y., & Stepanov, E. (2015). 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)* (pp. 260-262) <https://doi.org/10.1109/ICUMT.2014.7002112>
- Helander, N., Väyrynen, H., Zhao, X., & Kukko, M. (2015). The development curve of knowledge management practices: a ten year perspective from top50 Finnish enterprises. In *15th Eurasia business and economics society conference: Lisbon, Portugal, January 8-10, 2015* Springer.
- Huova, M., Ahopelto, M., Ketonen, M., Ahola, V., Linjama, M., & Huhtala, K. (2015). Characteristics of Digital Hydraulics with Commercial Controllers. In *The Seventh Workshop on Digital Fluid Power* (pp. 114-128). Linz Center of Mechatronics.
- Linjama, M., Siivonen, L., & Huova, M. (2015). Numerically Efficient Flow Model for On/Off Valves. In R. Scheidl, B. Winkler, & H. Kogler (Eds.), *Proceedings of the Seventh Workshop on Digital Fluid Power* (pp. 164-172). Linz, Austria: LCM GmbH.
- Matikainen, V., Koivuluoto, H., Milanti, A., & Vuoristo, P. (2015). Advanced coatings by novel high-kinetic thermal spray processes. *Materia*, 73(1), 46-50.
- Nguyen-Thanh, D., Le-Tien, T., Bui-Thu, C., & Le-Thanh, T. (2015). LTE indoor MIMO performances field measurements. In *International Conference on Advanced Technologies for Communications* (pp. 84-89). IEEE. <https://doi.org/10.1109/ATC.2014.7043361>
- Alanne, A., & Pekkola, S. (2015). Riding for a fall in outsourced ISD: Transferring knowledge between onshore vendor and offshored unit. In *9th Global Sourcing Workshop 2015: La Thuile, Italy, February 18-21, 2015*

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

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

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

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

Mäkinen, S. J. (2015). Internet-of-things disrupting business ecosystems: A case in home automation. In *IEEM 2014: 2014 IEEE International Conference on Industrial Engineering and Engineering Management* (pp. 1467-1470). IEEE COMPUTER SOCIETY PRESS. <https://doi.org/10.1109/IEEM.2014.7058882>

Annala, P., Hellemaa, M., Suonketo, J., & Pentti, M. (2015). Kosteus- ja mikrobivaurioiden laajuus kuntien rakennuksissa. In J. Säteri, & M. Ahola (Eds.), *Sisäilmastoseminaari 2015 SIY Raportti 33, Messukeskus, Helsinki 11.3.2015* (pp. 95-100). (SIY Raportti; Vol. 33). Juva.

Eriksson, S-L., Haukkanen, P., Hukka, T. I., & Lemmetyinen, H. (2015). Tampereen matemaattisten aineiden aineenopettajakoulutus. *Lumat*, 3( 6), 800-807.

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

Annala, P., Marttila, T., Kero, P., Suonketo, J., & Pentti, M. (2015). Valtion tukemien homekorjaushankkeiden arviointi - jatkotutkimus (HKPro 3). In J. Säteri, & M. Ahola (Eds.), *Sisäilmastoseminaari 2015 SIY Raportti 33, Messukeskus, Helsinki 11.3.2015* (Vol. Sisäilmayhdistys raportti 33, pp. 107-112). (Sisäilmayhdistys). Juva.

Pyrhönen, V-P., & Koivisto, H. (2015). Composite Nonlinear Feedback Control of a Chemical Reactor. In *Proceedings of AutomaatioXXI, The Industrial Revolution of Internet – From Intelligent Devices to Networked Intelligence* (SAS julkaisusarja; Vol. 44). Helsinki, Finland: Suomen Automaatioseura ry.

Salmenperä, M., Seppälä, J., Koivisto, H., Lu, S., & Repo, S. (2015). Systematic approach to secure automation – coordinated voltage control use-case. In *Proceedings of AutomaatioXXI, The Industrial Revolution of Internet – From Intelligent Devices to Networked Intelligence* (SAS Julkaisusarja; Vol. 44). Helsinki, Finland: Suomen Automaatioseura ry.

Seppälä, J., Salmenperä, M., Koivisto, H., Harju, J., Repo, S., Holmström, J., & Ahonen, P. (2015). Towards automation security research and training environment. In *Proceedings of Automaatio XXI, The Industrial Revolution of Internet – From Intelligent Devices to Networked Intelligence* (SAS Julkaisusarja; Vol. 44). Helsinki, Finland: Suomen Automaatioseura ry.

Kotilainen, S., Hedman, M., & Heikkinen, J. (Eds.) (2015). *Joustavat asuin ympäristöt: 10 visiota aikaa kestäväään kaupunkiasumiseen*. (Housing Design). Tampere: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos.

Kotilainen, S. (2015). Matkalla joustaviin asuin ympäristöihin. In *Joustavat asuin ympäristöt: 10 visiota aikaa kestäväään kaupunkiasumiseen* (Vol. 16, pp. 10-13). [1] (Housing Design; Vol. 16). Tampere: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos.

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

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

Niittynen, J. (2015). *Comparison of Sintering Methods and Conductive Adhesives for Interconnections in Inkjet-Printed Flexible Electronics*. (Tampere University of Technology. Publication; Vol. 1291). Tampere University of Technology.

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

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

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

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

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

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

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

Hagman, S. (2015). *Oppivan organisaation kehittäminen osaavaksi organisaatioksi. Tapaustutkimus suomalaisessa teollisuusyrityksessä*. (Tampere University of Technology. Publication; Vol. 1296). Tampere University of Technology.

Latifi, S. K., Saketi, P., & Kallio, P. (2015). Microbotic system for multi-rate measurement of bio-based fibres Z-directional bond strength. *Journal of Micro-Bio Robotics*, 10(1), 13-26. [1]. <https://doi.org/10.1007/s12213-015-0080-9>

Mäkitalo, J. (2015). *Boundary Integral Operators in Linear and Second-order Nonlinear Nano-optics*. (Tampere University of Technology. Publication; Vol. 1297). Tampere University of Technology.

Pakkanen, J. (2015). *Brownfield Process: A Method for the Rationalisation of Existing Product Variety towards a Modular Product Family*. (Tampere University of Technology. Publication; Vol. 1299). Tampere University of Technology.

- Syed, M. M. M. (2015). *On the Socio-Technical Dependencies in Free/Libre/Open Source Software Projects*. (Tampere University of Technology. Publication; Vol. 1300). Tampere University of Technology.
- Martinsuo, M., & Arvio, I. (2015). 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.
- Uusitalo, T., Virtanen, H., Viheriälä, J., Salmi, J. O., Aho, A., & Dumitrescu, M. (2015). Dual-Mode Behavior in Multi-Section DFB Semiconductor Lasers with Laterally-Coupled Ridge-Waveguide Surface Gratings. In *The European Conference on Lasers and Electro-Optics 2015* [CB\_P\_26] OSA - The Optical Society.
- Peura, P., Vuoristo, P., & Vihinen, J. (2015). Education and Materials Joining Research methods at Tampere University of Technology. *Hitsaustekniikka*, 65(2-3/2015), 73-76.
- Sariola, R., & Martinsuo, M. (2015). Enhancing the supplier's third-party relationships in construction projects. In *The Bartlett IRNOP 2015: International Research Network on Organizing by Projects Conference* IRNOP.
- Rajaniemi, J., Thureson, J., & Chudoba, M. (Eds.) (2015). *Kangasalan Lamminrahka. Yhdyskuntasuunnittelun ammattikurssi 1 2015*. Tampere: Tampere University of Technology, School of Architecture.
- Stentoft, J., Olhager, J., Heikkilä, J., & Thoms, L. (2015). Moving manufacturing back: a content-based literature review. In *22nd EurOMA Conference: Operations management for sustainable competitiveness* Neuchatel, Switzerland.
- Pietilä, J., & Mäkinen, J. (2015). Raudoitettujen betonirakenteiden taivutuksen mallintaminen Ansys-ohjelmalla. In R. Kouhia, J. Mäkinen, S. Pajunen, & T. Saksala (Eds.), *Proceedings of the XII Finnish Mechanics Days* (pp. 91-96). Helsinki: Rakenteiden Mekaniikan Seura ry.
- Momeni, K., & Martinsuo, M. (2015). Remote monitoring systems as enablers for project-related services. In *IRNOP 2015: International Research Network on Organizing by Projects Conference* IRNOP.
- Takala, A., & Korhonen-Yrjänheikki, K. (2015). Are Finns walking the talk?: Examining the national collaboration process on engineering education for sustainable development five years later. In *Conference on Engineering Education for Sustainable Development (7th : 2015 : Vancouver, B.C.)* <https://doi.org/10.14288/1.0064702>
- Fei, Z. S., Gao, Q., Fu, Y., Isotalo, T., & Niemelä, J. (2015). Distributed power allocation over indoor multi-pico stations. *Journal of the Beijing Institute of Technology*, 24(2), 227-232. <https://doi.org/10.15918/j.jbit1004-0579.201524.0214>
- Suojanen, M., Kuikka, V., Nikkarila, J. P., & Nurmi, J. (2015). An example of scenario-based evaluation of military capability areas An impact assessment of alternative systems on operations. In *9th Annual IEEE International Systems Conference, SysCon 2015 - Proceedings* (pp. 601-607). The Institute of Electrical and Electronics Engineers, Inc.. <https://doi.org/10.1109/SYSCON.2015.7116817>
- Petrov, V. (2015). Feasibility study of the THz band for communications between wearable electronics. In *2015 17th Conference of Open Innovations Association (FRUCT), 20-24 April 2015, Yaroslavl*. (pp. 157-162). (Conference of Open Innovations Association (FRUCT)). IEEE. <https://doi.org/10.1109/FRUCT.2015.7117987>
- Komar, M. (2015). Performance comparison of selected wired and wireless networks on chip architectures. In *2015 17TH Conference of Open Innovations Association (FRUCT)* (pp. 68-74). (Conference of Open Innovations Association (FRUCT)). <https://doi.org/10.1109/FRUCT.2015.7117974>
- Holopainen, S. (2015). Transpositions and duals high-order tensors. On theory and applications in mechanics. In R. Kouhia (Ed.), *Proceedings of the XII Finnish Mechanics Days: Suomen XII mekaniikkapäivien esitelmät* (pp. 188-193). (Journal of Structural Mechanics). Rakenteiden Mekaniikan Seura ry.



Vepsäläinen, T. (2015). *Model-Driven Development of Control Applications: On Modeling Tools, Simulations and Safety*. (Tampere University of Technology. Publication; Vol. 1303). Tampere University of Technology.

Acimovic, J., Mäki-Marttunen, T., & Linne, M-L. (2015). The effects of neuron morphology on graph theoretic measures of network connectivity: The analysis of a two-level statistical model. *Frontiers in Neuroanatomy*, 9(June), [76]. <https://doi.org/10.3389/fnana.2015.00076>

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

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

Aarikka-Stenroos, L., & Talvitie, M. (2015). 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.

Mäkitalo-Keinonen, T., & Aarikka-Stenroos, L. (2015). 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.

Aramo-Immonen, H., Bessant, J., Heinonen, T., Öberg, C., & Trifilova, A. (2015). Meeting radical change: SMEs and innovation capabilities and strategic foresight. In *The Proceedings of the XXVI ISPIM Conference – Shaping the Frontiers of Innovation Management, Budapest, Hungary on 14-17 June 2015* International Society for Professional Innovation Management ISPIM.

Slablab, A., Divya, S., Koskinen, K., Czaplicki, R., Kailasnath, M., Radhakrishnan, P., & Kauranen, M. (2015). Second-harmonic generation from thermally-evaporated indium selenide thin films. In *The European Conference on Lasers and Electro-Optics 2015: Munich Germany 21–25 June 2015* (pp. CE\_12\_4). Optical Society of America.

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

Nikkinen, J., Korpijärvi, V-M., Leino, I., Härkönen, A., & Guina, M. (2015). High repetition rate 1.34  $\mu\text{m}$  Nd:YVO<sub>4</sub> microchip laser Q-switched with GaInNAs SESAM. In *The European Conference on Lasers and Electro-Optics 2015* [CA\_5b\_1] OSA.

Filippov, V., Ustimchik, V. E., Chamorovskiy, Y., Golant, K., Vorotynskii, A., & Okhotnikov, O. (2015). 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* [CJ-10.5] OSA.

Korpijärvi, V-M., Viheriälä, J., Aho, A., & Guina, M. (2015). Single-mode 1180 nm GaInNAs/GaAs DBR laser diode for frequency doubling to 590 nm: paper CB\_11\_4. In *2015 European Conference on Lasers and Electro-Optics - European Quantum Electronics Conference* OSA.

Abramova, V. V., Kozhemiakin, R., Abramov, S. K., Lukin, V. V., Zelensky, A. A., & Egiazarian, K. (2015). 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.. <https://doi.org/10.1109/ICATT.2015.7136846>

Naumenko, V. V., Solodovnik, V. F., Totzky, A. V., Zelensky, A. A., & Astola, J. T. (2015). Experimental study of bispectrum-based encoding in radio communication system. In *2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings* The Institute of Electrical

and Electronics Engineers, Inc.. <https://doi.org/10.1109/ICATT.2015.7136853>

Saukko, E. (2015). *Studies of Physical Phase State of Aerosol Nanoparticles*. (Tampere University of Technology. Publication; Vol. 1308). Tampere University of Technology.

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

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

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

Mendes, M. R., Subramaniyam, N. P., & Wendel-Mitoraj, K. (2015). Evaluating the electrode measurement sensitivity of subdermal electroencephalography electrodes. In *International IEEE/EMBS Conference on Neural Engineering, NER* (Vol. 2015-July, pp. 1092-1095). IEEE COMPUTER SOCIETY PRESS. <https://doi.org/10.1109/NER.2015.7146818>

Tanskanen, J. M. A., Kapucu, F. E., & Hyttinen, J. A. K. (2015). On the threshold based neuronal spike detection, and an objective criterion for setting the threshold. In *International IEEE/EMBS Conference on Neural Engineering, NER* (pp. 1016-1019). IEEE COMPUTER SOCIETY PRESS. <https://doi.org/10.1109/NER.2015.7146799>

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

Ziaei, Z., Oftadeh, R., & Mattila, J. (2015). Vision-based path coordination for multiple mobile robots with four steering wheels using an overhead camera. In *IEEE International Conference on Advanced Intelligent Mechatronics (AIM), 2015* (pp. 261-268) <https://doi.org/10.1109/AIM.2015.7222542>

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

Vainio, T., & Walsh, T. (2015). Learning maths with mobiles: Cross-cultural design of technology with experiences in South-Africa and Finland. In *Integrating Touch-Enabled and Mobile Devices into Contemporary Mathematics Education* (pp. 79-96). IGI Global. <https://doi.org/10.4018/978-1-4666-8714-1.ch004>

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

Saketi, P. (2015). *Microrobotic platform with integrated force sensing microgrippers for characterization of fibrous materials: Case study on individual paper fibers*. (Tampere University of Technology. Publication; Vol. 1309). Tampere: Tampere University of Technology.

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

Martinsuo, M., Sukanen, I., & Kivilä, J. (2015). 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.

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

Martinsuo, M., & Vuorinen, L. (2015). Project control toward lifecycle value at the front end of delivery projects. In *23rd Nordic Academy of Management Conference : NFF 2015* Nordic Academy of Management.

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

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

Väyrynen, H., Vasell, T., Helander, N., Boedeker, M., & Andersson, T. (2015). The Role of Customer Experience in Value Creation in Business-to-Business Context. Unpublished. In *23rd Nordic Academy of Management Conference: NFF 2015* (pp. 146). [24.02] Nordic Academy of Management.

Hilliaho, K., Hietaniemi, J., & Visa, P. (2015). Lasitettujen parvekkeiden ja terrassien käyttäytyminen tulipaloissa. *Palontorjuntatekniikka*, (Erikoisnumero), 18-23.

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

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

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

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

Heinimäki, T. J., & Elomaa, T. (2015). 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)* (pp. 68-75). IEEE. <https://doi.org/10.1109/VS-GAMES.2015.7295765>

Mardoukhi, A., Hokka, M., & Kuokkala, V-T. (2015). 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 [02007]* EDP Sciences.

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

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

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

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

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

Khan, W., Björninen, T., Ukkonen, L., & Sydänheimo, L. (2015). Two-turns antenna and magnetic materials for effective powering of mm-size implant in wireless brain-machine interface system. In *2015 IEEE MTT-S 2015 International Microwave Workshop Series on RF and Wireless Technologies for Biomedical and Healthcare Applications (IMWS-BIO)* (pp. 103-104). IEEE. <https://doi.org/10.1109/IMWS-BIO.2015.7303798>

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

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

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

Kylliäinen, M., Niemi, H., Jäppinen, J., & Lindqvist, M. (2015). Engelin teatterin huoneakustiikan mallintaminen. In *Akustiikkapäivät 2015* (pp. 145-150). (Akustiikkapäivät). Akustinen seura.

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

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

Dehghani, N., Supponen, A., & Repo, S. (2015). Risk Assessment of Major Storm Situation in Distribution System. In *2015 50th International Universities Power Engineering Conference (UPEC)* IEEE. <https://doi.org/10.1109/UPEC.2015.7339808>

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

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

Ammirato, S., Michele Felicetti, A., Della Gala, M., Aramo-Immonen, H., & Jussila, J. (2015). Knowledge Management and Emerging Collaborative Networks in Tourism Business Ecosystems. In M. Massaro, & A. Garlatti (Eds.), *Proceedings of the 16th European Conference on Knowledge Management (ECKM 2015), University of Udine, Italy, 3-4 September 2015* (pp. 19-26). Reading, UK: Academic Conferences and Publishing International Limited.

Laukkarinen, T. (2015). *Abstracting Application Development for Resource Constrained Wireless Sensor Networks*. (Tampere University of Technology. Publication; Vol. 1306). Tampere: Tampere University of Technology.

Tenhunen, M. (2015). *Detection and Assessment of Sleep-Disordered Breathing with Special Interest of Prolonged Partial Obstruction*. (Tampere University of Technology. Publication; Vol. 1304). Tampere: Tampere University of Technology.

Halinoja, M. (2015). *Environment Interpretation for Business Continuity in a Project Supplier's Networks – Critical Factors in International Industrial Upgrades*. (Tampere University of Technology. Publication; Vol. 1313). Tampere: Tampere University of Technology.

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

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

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

Lappalainen, K., & Valkealahti, S. (2015). Recognition of shading events caused by moving clouds and determination of shadow velocity from solar radiation measurements. In *31st European Photovoltaic Solar Energy Conference and Exhibition (31st EU PVSEC), 14– 18 September, 2015, Hamburg, Germany* (pp. 1568-1573) <https://doi.org/10.4229/EUPVSEC20152015-5AO.7.5>

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

Puranen, J. (2015). *Protective Spinel Coatings for Solid Oxide Fuel Cell Interconnectors by Thermal Spray Processes: From Conventional Dry Powder to Novel Solution Precursor Thermal Spraying*. (Tampere University of Technology. Publication; Vol. 1322). Tampere: Tampere University of Technology.

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

Heinisuo, M., & Mäkinen, J. (Eds.) (2015). *The 13th Nordic Steel Construction Conference (NSCC.2015)*. Tampere: Tampere University of Technology.

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

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

Tamminen, P., Ukkonen, L., & Sydänheimo, L. (2015). The effect of USB ground cable and product dynamic capacitance on IEC61000-4-2 qualification. In *Electrical Overstress / Electrostatic Discharge Symposium Proceedings 2015* (Vol. 2015). [7B.2] USA: IEEE COMPUTER SOC. <https://doi.org/10.1109/EOSESD.2015.7314766>

Viheriäkoski, T., Kohtamäki, J., Peltoniemi, T., & Tamminen, P. (2015). Uncertainties in Charge Measurements of ESD Risk Assessment. In *Electrical Overstress / Electrostatic Discharge Symposium Proceedings 2015* (Vol. 2015). [6B.3] USA: IEEE COMPUTER SOC. <https://doi.org/10.1109/EOSESD.2015.7314802>

Sislian, R., Da Silva, F. V., Gedraite, R., Jokinen, H., & An, D. K. R. (2015). Development of a Low-Cost Fuzzy Gain Schedule Neutralization Control System. In *WCECS 2015 - World Congress on Engineering and Computer Science 2015* (Vol. II, pp. 575-578). (Lecture Notes in Engineering and Computer Science; Vol. 2220). Newswood Limited.

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

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

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

Järveläinen, M., Yli-Hallila, T., Salpavaara, T., Verho, J., Vilkkö, M., & Levänen, E. (2015). Kolloidisten suspensioiden online -analysointi: tutkimuksesta liiketoimintaa. *Materia*, (5/2015), 54-57.

Frankberg, E. J. (2015). Suomen keraaminen seura - Keramiska sällskapet i Finland. *Materia*, 5, 58-58.

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

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

Karjalainen, P. (2015). Muuttuvat ajotilanteet aiheuttavat uudentyyppisiä ajoneuvojen hiukkaspäästöjä. *Ympäristö ja terveystieteet*, 46(6), 28-31.

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

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

Teriö, O., & Sorri, J. (2015). Energiatohokkuus rakennusalan ammattityövoiman täydennyskoulutuksessa. In J. Vinha, & T. Ruuska (Eds.), *Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut, 20.-22.10.2015, Tampere* (pp. 97-102). Tampere: Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka.

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

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

Hilliaho, K., Nordquist, B., & Wallentén, P. (2015). Koko Julkisivua peittävän lasijulkisivun vaikutus Etelä-Ruotsissa sijaitsevan rakennuksen energiatehokkuuteen. In J. Vinha, & T. Ruuska (Eds.), *Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere* (pp. 509-516). (Rakennustekniikan laitos. Rakennetekniikka. Seminaarijulkaisu 4; No. 4). Tampere: Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka.

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

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

Laukkarinen, A., & Hilliaho, K. (2015). Lasitetun parvekkeen lämpötilan ja lämpöhäviöiden laskenta. In J. Vinha, & T. Ruuska (Eds.), *Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere* (pp. 181-186). (Rakennustekniikan laitos. Rakennetekniikka. Seminaarijulkaisu; No. 4). Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka.

Marttila, T., Suonketo, J., Kero, P., & Annala, P. (2015). Onnistumistekijät valtion tukemissa homekorjaushankkeissa. In J. Vinha, & T. Ruuska (Eds.), *Rakennusfysiikka 2015: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut, 20.-22.10.2015, Tampere* (Vol. 4, pp. 253-258). [152] Tampere: Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka.

Heljo, J., & Kauppinen, T. (2015). Pystytäänkö haitallisia ilmanvaihtovikoja havaitsemaan ja poistamaan. In J. Vinha, & T. Ruuska (Eds.), *Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere* (pp. 325-330). Tampere: Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka.

Köliö, A., Hohti, H., Pakkala, T., Laukkarinen, A., Lahdensivu, J., & Mattila, J. (2015). Raudotteiden korroosionopeuden määrittäminen betonijulkisivussa korkean aikaresoluution säädäntä avulla. In *Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere*. (pp. 195-202). (Rakennustekniikan laitos. Rakennetekniikka. Seminaarijulkaisu; No. 4). Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka.

Vinha, J., Hedman, M., Sirén, K., Harsia, P., Pentti, M., Teriö, O., ... Pihlajamaa, P. (2015). Uudessa COMBI-hankeessa tutkitaan energiatehokkaan palvelurakentamisen haasteita ja ratkaisuja. In J. Vinha, & T. Ruuska (Eds.), *Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere*. (pp. 487-496). (Rakennustekniikan laitos. Rakennetekniikka. Seminaarijulkaisu; No. 4). Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka.

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

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

Kovalainen, V., & Kylliäinen, M. (2015). Menetelmä parvekelasien ääneneristävyyden mitoittamiseksi liikennemelualueilla. In *Rakennusfysiikka 2015* (pp. 617-622). Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka.

Junttila, H., Laukkarinen, A., & Vinha, J. (2015). Puurunkoisten tuuletettujen yläpohjien kosteustekninen toiminta. In J. Vinha, & T. Ruuska (Eds.), *Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere*. (pp. 77-82). (Rakennustekniikan laitos. Rakennetekniikka. Seminaarijulkaisu; No. 4). Tampere: Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka.

Latvanne, P., & Kylliäinen, M. (2015). Puuväli­pohjien akustiset ominaisuudet. In *Rakennusfysiikka 2015* (pp. 567-572). Tampereen teknillinen yli­pisto, rakennustekniikan laitos, rakennetekniikka.

Hannus, S. (2015). *Value Creation in Private Equity: A Case Study of Outperforming Buyouts in the Nordic Countries*. (Tampere University of Technology. Publication; Vol. 1328). Tampere University of Technology.

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

Kaarakka, T. (2015). *Fractional Ornstein-Uhlenbeck Processes*. (Tampere University of Technology. Publication; Vol. 1338). Tampere University of Technology.

Jussila, J. (2015). *Social Media in Business-to-Business Companies' Innovation*. (Tampere University of Technology. Publication; Vol. 1333). Tampere University of Technology.

Yang, H. (2015). *Markov Chain Monte Carlo Estimation of Stochastic Volatility Models with Finite and Infinite Activity Lévy Jumps: Evidence for Efficient Models and Algorithms*. (Tampere University of Technology. Publication; Vol. 1331). Tampere University of Technology.

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

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

Sariola-Leikas, E. (2015). *Organic Chromophores in Self-Assembled Monolayers and Supramolecular Arrays*. (Tampere University of Technology. Publication; Vol. 1334). Tampere University of Technology.

Naukkari­nen, J. (2015). *What Engineering Scientists Know and How They Know It: Towards Understanding the Philosophy of Engineering Science in Finland*. (Tampere University of Technology. Publication; Vol. 1344). Tampere University of Technology.

Hackenberg, J., Spiecker, H., Calders, K., Disney, M., & Raumonon, P. (2015). SimpleTree: An Efficient Open Source Tool to Build Tree Models from TLS Clouds. *Forests: Open Access Journal*, 6(11), 4245-4294. <https://doi.org/10.3390/f6114245>

Karjalainen, P., Timonen, H., Saukko, E., Kuuluvainen, H., Saarikoski, S., Aakko-Saksa, P., ... Rönkkö, T. (2015). Time-resolved characterization of primary and secondary particle emissions of a modern gasoline passenger car. *Atmospheric Chemistry and Physics Discussions*, 15(22), 33253-33282. <https://doi.org/10.5194/acpd-15-33253-2015>

Bartsch, H., Himmerlich, M., Fischer, M., Demko, L., Hyttinen, J., & Schober, A. (2015). LTCC-Based Multi-Electrode Arrays for 3D in Vitro Cell Cultures. *Journal of Ceramic Science and Technology*, 6(4), 315-324. <https://doi.org/10.4416/JCST2015-00056>

Kuuliala, L., Pippuri, T., Hultman, J., Auvinen, S-M., Kolppo, K., Nieminen, T., ... Jääskeläinen, E. (2015). Preparation and antimicrobial characterization of silver-containing packaging materials for meat. *Food Packaging and Shelf Life*, 6, 53-60. [67]. <https://doi.org/10.1016/j.fpsl.2015.09.004>



- Seppänen, M., Dedehayir, O., Still, K., Valkokari, K., & Suominen, A. (2015). Platform Competences to Enhance Network Effects in Business Ecosystems. In *2015 ISPIIM Innovation Summit in Brisbane, Australia - 6-9 December 2015* International Society for Professional Innovation Management ISPIIM.
- Naumenko, V., Solodovnik, V., Totsky, A., Zelensky, A., & Astola, J. (2015). Bispectrum-based demodulation technique using triple-channel heterodyning of triplet-signal. In *2015 Second International Scientific-Practical Conference Problems of Infocommunications Science and Technology (PIC S&T)* (pp. 224-226). IEEE. <https://doi.org/10.1109/INFOCOMMST.2015.7357319>
- Rubel, O., Ponomarenko, N., Lukin, V., Astola, J., & Egiazarian, K. (2015). HVS-based local analysis of denoising efficiency for DCT-based filters. In *2015 2nd International Scientific-Practical Conference Problems of Infocommunications Science and Technology, PIC S and T 2015 - Conference Proceedings* (pp. 189-192). IEEE. <https://doi.org/10.1109/INFOCOMMST.2015.7357309>
- Kozhemiakina, N., Lukin, V., Ponomarenko, N., Akulynichev, A., Astola, J., & Egiazarian, K. (2015). Method of data compression for traffic monitoring. In *2015 2nd International Scientific-Practical Conference Problems of Infocommunications Science and Technology, PIC S and T 2015 - Conference Proceedings* (pp. 153-156). IEEE. <https://doi.org/10.1109/INFOCOMMST.2015.7357299>
- Tappura, S., Hyytinen, T., Kivistö-Rahnasto, J., Nenonen, N., & Vasara, J. (2015). *Turvallisuuden johtajat - Esimiesten johtajuus, osaaminen ja sitoutuminen*. Tampere: Tampereen teknillinen yliopisto; Tampereen yliopisto.
- Saarinen, E. J., Lyytikäinen, J., Ranta, S., Rantamäki, A., Saarela, A., Sirbu, A., ... Okhotnikov, O. G. (2016). A 1.5-W frequency doubled semiconductor disk laser tunable over 40 nm at around 745 nm. In *Proceedings of SPIE: Vertical External Cavity Surface Emitting Lasers (VECSELs) VI* (Vol. 9734). [97340P-8] (Spie conference proceedings). SPIE. <https://doi.org/10.1117/12.2209384>
- Davidson, P., Raunio, J. P., & Piché, R. (2016). 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* (pp. 249-257). State Research Center of the Russian Federation.
- Kauppila, P., Kouhia, R., Ojanperä, J., Saksala, T., & Sorjonen, T. (2016). A continuum damage model for creep fracture and fatigue analyses. In *21st European Conference on Fracture, ECF21, 20-24 June 2016, Catania, Italy* (pp. 887-894). (Procedia Structural Integrity; Vol. 2). <https://doi.org/10.1016/j.prostr.2016.06.114>
- Vainio, V. V., & Pulkkinen, A. (2016). A follow-up case study of the relation of PLM Architecture, Maturity and Business processes. In *Product Lifecycle Management in the Era of Internet of Things: 12th IFIP WG 5.1 International Conference, PLM 2015, Doha, Qatar, October 19-21, 2015, Revised Selected Papers* (pp. 867-873). (IFIP Advances in Information and Communication Technology; Vol. 467). Springer New York LLC. [https://doi.org/10.1007/978-3-319-33111-9\\_79](https://doi.org/10.1007/978-3-319-33111-9_79)
- Stormi, K., Laine, T., & Korhonen, T. (2016). Agile methods in performance management system development process. In *10th Conference On New Directions In Management Accounting, Brussels, Belgium, December 14-16, 2016*
- Van Mellaert, R., Mela, K., Tiainen, T., Heinisuo, M., Lombaert, G., & Schevenels, M. (2016). A mixed-integer linear programming approach for global discrete size optimization of frame structures. In *ECCOMAS Congress 2016 - Proceedings of the 7th European Congress on Computational Methods in Applied Sciences and Engineering: Crete; Greece; 5 June 2016 through 10 June 2016* (Vol. 2, pp. 3395-3408). National Technical University of Athens.
- Alexandru, R. C., & Lohan, E-S. (2016). Analysis of Real Mobility Records in Urban and Suburban Environments. In *26TH DAAAM International Symposium on Intelligent Manufacturing and Automation* (pp. 0688-0692). DAAAM International. <https://doi.org/10.2507/26th.daaam.proceedings.094>
- Alberucci, A., Pannian, J. C., Slussarenko, S., Piccirillo, B., Santamato, E., Marrucci, L., & Assanto, G. (2016). A new waveguiding mechanism based upon geometric phase. In *Frontiers in Optics 2016 [FF3H.3]* Optical Society of America (OSA).

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

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

Lehtonen, V., & Länsivaara, T. (2016). 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* (pp. 691-699)

Salo, K., Giova, D., & Mikkonen, T. (2016). Backend infrastructure supporting audio augmented reality and storytelling. In *Human Interface and the Management of Information: Applications and Services: 18th International Conference, HCI International 2016 Toronto, Canada, July 17-22, 2016. Proceedings, Part II* (pp. 325-335). (Lecture Notes in Computer Science; Vol. 9735). Springer Verlag. [https://doi.org/10.1007/978-3-319-40397-7\\_31](https://doi.org/10.1007/978-3-319-40397-7_31)

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

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

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

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

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

Pulkkinen, A., Huhtala, P., Leino, S-P., Anttila, J. P., & Vainio, V. V. (2016). Characterising the industrial context of engineering change management. In *Product Lifecycle Management in the Era of Internet of Things: 12th IFIP WG 5.1 International Conference, PLM 2015, Doha, Qatar, October 19-21, 2015, Revised Selected Papers* (pp. 618-627). (IFIP Advances in Information and Communication Technology; Vol. 467). Springer New York LLC. [https://doi.org/10.1007/978-3-319-33111-9\\_56](https://doi.org/10.1007/978-3-319-33111-9_56)

Koivisto, K., Forsman, J., Ronkainen, M., Lahtinen, P., Kolisoja, P., & Kuula, P. (2016). 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.

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

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

Keinänen, M., Uotila, U., Sorri, J., Teriö, O., & Kähkönen, K. (2016). Consensus building in the pre-design phase of building projects. In M. Prins, H. Wamelink, B. Giddings, K. Ku, & M. Feenstra (Eds.), *WBC16 Proceedings of the CIB World Building Congress 2016 Volume II : Environmental Opportunities and challenges, Constructing commitment and acknowledging human experiences* (Vol. Volume II , pp. 561-572). (Tampere University of Technology. Department of Civil Engineering. Construction Management and Economics.). Tampere University of Technology. Department of Civil Engineering.

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

Mäki, A.-J., Kontunen, A., Ryyänen, T., Verho, J., Kreutzer, J., Lekkala, J., & Kallio, P. (2016). 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)* (pp. 125-129). IEEE.  
<https://doi.org/10.1109/NEMS.2016.7758214>

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

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

Kärkkäinen, H., & Silventoinen, A. (2016). 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* (pp. 89-102). (IFIP Advances in Information and Communication Technology; Vol. 467). Springer New York LLC. [https://doi.org/10.1007/978-3-319-33111-9\\_9](https://doi.org/10.1007/978-3-319-33111-9_9)

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

Narhi, M., Wetzel, B., Billet, C., Merolla, J.-M., Toenger, S., Sylvestre, T., ... Dudley, J. M. (2016). Direct Measurement of Temporal Rogue Waves Generated by Spontaneous Modulation Instability. In *Frontiers in Optics 2016* [FTu3l.4 ] Optical Society of America.

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

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

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

- Pyrhönen, V-P. (2016). Enhancing old laboratory experiment using flipped learning: Towards self-regulating collaborative groups in blended learning environment. In *SEFI conference 2016: Engineering Education on Top of the World: Industry University Cooperation*
- Holopainen, S. (2016). Evolution equations based approach for modeling of fatigue in amorphous glassy polymers. On the investigation of fatigue damage development in polycarbonate. In M. Papadrakakis, V. Papadopoulos, G. Stefanou, & V. Plevris (Eds.), *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* (pp. 6675-6687) <https://doi.org/10.7712/100016.2289.11047>
- Hynynen, A. (2016). Extending Professional Fields. Architectural Research and Regional Development. In K. Kähkönen, & M. Keinänen (Eds.), *Proceedings of the CIB World Building Congress 2016.: Volume I - Creating built environments of new opportunities* (Vol. I, pp. 372-383). Tampere University of Technology. Department of Civil Engineering.
- Zia, N., Viheriälä, J., Koskinen, R., Koskinen, M., Suomalainen, S., & Guina, M. (2016). Fabrication and characterization of broadband superluminescent diodes for 2 μm wavelength. In *Light-Emitting Diodes: Materials, Devices, and Applications for Solid State Lighting XX* [97680Q] (Proceedings of SPIE; Vol. 9768). SPIE. <https://doi.org/10.1117/12.2209720>
- Smith, J., Kuokkala, V-T., Seidt, J., & Gilat, A. (2016). Full-Field Temperature and Strain Measurement in Dynamic Tension Tests on SS 304. In *Dynamic Behavior of Materials, Volume 1: Proceedings of the 2016 Annual Conference on Experimental and Applied Mechanics* (pp. 37-44). (Conference proceedings of the Society for Experimental Mechanics). Springer International Publishing. [https://doi.org/10.1007/978-3-319-41132-3\\_6](https://doi.org/10.1007/978-3-319-41132-3_6)
- Pluduma, L., Freimanis, E., Gross, K., Koivuluoto, H., Algate, K., Haynes, D., & Vuoristo, P. (2016). Functionalizing Surface Electrical Potential of Hydroxyapatite Coatings. In *11th International Conference Medical Applications of Novel Biomaterials and Nanotechnology* (Vol. 102, pp. 12-17). (Advances in Science and Technology; Vol. 102).
- Porkka, P. L. (2016). Functional model for organisational and safety culture. In *Chemical Engineering Transactions* (pp. 907-912). (Chemical Engineering Transactions; Vol. 48). Italian Association of Chemical Engineering AIDIC. <https://doi.org/10.3303/CET1648152>
- Hynynen, A. (2016). Future in wood? Timber construction in boosting local development. *European Spatial Research and Policy*, 23(1), 127-139. <https://doi.org/10.1515/esrp-2016-0007>
- Närhi, M., Tengvall, M., Toivonen, J., Dudley, J. M., & Genty, G. (2016). High Dynamic Range Single-Shot Spectral Measurements of Spontaneous Modulation Instability. In *Frontiers in Optics 2016* [FF2B.1] Optical Society of America (OSA).
- Tukiainen, A., Aho, A., Polojärvi, V., Ahorinta, R., & Guina, M. (2016). High efficiency dilute nitride solar cells: Simulations meet experiments. *Journal of Green Engineering*, 5(3-4), 113-132. [8]. <https://doi.org/10.13052/jge1904-4720.5348>
- Viheriälä, J., Aho, A. T., Mäkelä, J., Salmi, J., Virtanen, H., Leinonen, T., ... Guina, M. (2016). High-power 1550 nm tapered DBR lasers fabricated using soft UV-nanoimprint lithography. In *High-Power Diode Laser Technology and Applications XIV* [97330Q] (SPIE Conference Proceedings; Vol. 9733). SPIE. <https://doi.org/10.1117/12.2207423>
- Matikainen, V., Bolelli, G., Koivuluoto, H., Sassatelli, P., Lusvarghi, L., & Vuoristo, P. (2016). High-temperature sliding wear behaviour of thermally sprayed Cr3C2-based coatings. In *Proceedings of The 17th Nordic Symposium on Tribology - NORDTRIB 2016*
- Sandström, N., Hytti, V., Nenonen, S., & Lonka, K. (2016). How is it sustainable? Identifying key indicators for sustainable educational design. In L. Gómez Chova, A. López Martínez, & I. Candel Torres (Eds.), *10th INTED 2016 Conference Proceedings: 7-9 March, 2016, Valencia, Spain* (pp. 4217-4219). (INTED proceedings). <https://doi.org/10.21125/inted.2016.2037>

Juuti, T., Kopra, M. J., Rättyä, K., & Lehtonen, T. (2016). 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.

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

Lahti, J., Lavonen, J., Lahtinen, K., Johansson, P., Seppänen, T., & Cameron, D. C. (2016). 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, pp. 684-706). TAPPI Press.

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