

AbuJarour, S., Pawlowski, J., Bick, M., Bagucanskyte, M., Frankenberg, A., Hudak, R., ... Volungeviciene, A. (2015). Idea-space: A use case of collaborative course development in higher education. In *Wissens-Gemeinschaften 2015* (pp. 149-156). TUDpress Verlag der Wissenschaften GmbH.

Adrat, M., Keller, R., Tschauner, M., Wilden, S., Le Nir, V., Riihonen, T., ... Pärlin, K. (2019). Full-Duplex Radio - Increasing the Spectral Efficiency for Military Applications. In *2019 International Conference on Military Communications and Information Systems, ICMCIS 2019* IEEE. <https://doi.org/10.1109/ICMCIS.2019.8842748>

Aghababaeetafreshi, M., Lehtonen, L. K., Levanen, T., Valkama, M., & Takala, J. (2016). IEEE 802.11ac MIMO Transceiver Baseband Processing on a VLIW Processor. *Journal of Signal Processing Systems*. <https://doi.org/10.1007/s11265-015-1032-2>

Alam, M. H., Ha, J. W., & Lee, S. K. (2012). Novel approaches to crawling important pages early. *Knowledge and Information Systems*, 33(3), 707-734. <https://doi.org/10.1007/s10115-012-0535-4>

Al-Ars, Z., van der Vlugt, S., Jääskeläinen, P., & van der Linden, F. (2019). ALMARVI System Solution for Image and Video Processing in Healthcare, Surveillance and Mobile Applications. *Journal of Signal Processing Systems*, 91(1), 1-7. <https://doi.org/10.1007/s11265-018-1423-2>

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

Aldaya, A. C., Brumley, B. B., Sarmiento, A. J. C., & Sánchez-Solano, S. (2018). Memory Tampering Attack on Binary GCD Based Inversion Algorithms. *International Journal of Parallel Programming*, 1-20. <https://doi.org/10.1007/s10766-018-0610-x>

Arcelli Fontana, F., Lenarduzzi, V., Roveda, R., & Taibi, D. (2019). Are architectural smells independent from code smells? An empirical study. *Journal of Systems and Software*, 154, 139-156. <https://doi.org/10.1016/j.jss.2019.04.066>

Balandina, E., Balandin, S., Koucheryavy, Y., & Mouromtsev, D. (2016). Innovative e-Tourism Services on Top of Geo2Tag LBS Platform. In *Proceedings - 11th International Conference on Signal-Image Technology and Internet-Based Systems, SITIS 2015* (pp. 752-759). IEEE. <https://doi.org/10.1109/SITIS.2015.11>

Balasubramaniam, S., Jornet, J. M., Pierobon, M., & Koucheryavy, Y. (2016). Guest editorial special issue on the internet of nano things. *IEEE Internet of Things Journal*, 3(1), 1-3. <https://doi.org/10.1109/JIOT.2016.2516838>

Barford, L., Bhattacharyya, S. S., & Liu, Y. (2017). Data Flow Algorithms for Processors with Vector Extensions: Handling Actors With Internal State. *Journal of Signal Processing Systems*, 87(1), 21-31. <https://doi.org/10.1007/s11265-015-1045-x>

Barford, L., Bhattacharyya, S. S., & Liu, Y. (2014). Data flow algorithms for processors with vector extensions: Handling actors with internal state. In *2014 IEEE Global Conference on Signal and Information Processing, GlobalSIP 2014* (pp. 20-24). [7032070] Institute of Electrical and Electronics Engineers Inc.. <https://doi.org/10.1109/GlobalSIP.2014.7032070>

Basilico, G., Lavazza, L., Morasca, S., Taibi, D., & Tosi, D. (2011). Op2A: Assessing the quality of the portal of open source software products. In *WEBIST 2011 - Proceedings of the 7th International Conference on Web Information Systems and Technologies* (pp. 184-193)

Bhattacharyya, S. S., Eker, J., Janneck, J. W., Lucarz, C., Mattavelli, M., & Raulet, M. (2011). Overview of the MPEG reconfigurable video coding framework. *Journal of Signal Processing Systems*, 63(2), 251-263. <https://doi.org/10.1007/s11265-009-0399-3>

- Blattner, T., Keyrouz, W., Bhattacharyya, S. S., Halem, M., & Brady, M. (2017). A Hybrid Task Graph Scheduler for High Performance Image Processing Workflows. *Journal of Signal Processing Systems*, 89(3), 457–467. <https://doi.org/10.1007/s11265-017-1262-6>
- Bordallo López, M., Nieto, A., Boutellier, J., Hannuksela, J., & Silvén, O. (2017). Evaluation of real-time LBP computing in multiple architectures. *Journal of Real-Time Image Processing*, 13(2). <https://doi.org/10.1007/s11554-014-0410-5>
- Boutellier, J., & Silvén, O. (2013). Towards generic embedded multiprocessing for RVC-CAL dataflow programs. *Journal of Signal Processing Systems*, 73(2), 137-142. <https://doi.org/10.1007/s11265-013-0737-3>
- Boutellier, J., Raulet, M., & Silvén, O. (2013). Automatic hierarchical discovery of quasi-static schedules of RVC-CAL dataflow programs. *Journal of Signal Processing Systems*, 71(1), 35-40. <https://doi.org/10.1007/s11265-012-0676-4>
- Boutellier, J., Lucarz, C., Lafond, S., Gomez, V. M., & Mattavelli, M. (2011). Quasi-static scheduling of CAL actor networks for reconfigurable video coding. *Journal of Signal Processing Systems*, 63(2), 191-202. <https://doi.org/10.1007/s11265-009-0389-5>
- Boutellier, J., & Nyländen, T. (2017). Design Flow for GPU and Multicore Execution of Dynamic Dataflow Programs. *Journal of Signal Processing Systems*, 89(3), 469–478. <https://doi.org/10.1007/s11265-017-1260-8>
- Canelas, P., Martins, L., Mora, A., S. Ribeiro, A., & Fonseca, J. (2016). An image generator platform to improve cell tracking algorithms simulation of objects of various morphologies, kinetics and clustering. In *SIMULTECH 2016 - Proceedings of the 6th International Conference on Simulation and Modeling Methodologies, Technologies and Applications* (pp. 44-55). SCITEPRESS.
- Changizi, A., & Lanz, M. (2019). The comfort zone concept in a human-robot cooperative task. In *Precision Assembly in the Digital Age - 8th IFIP WG 5.5 International Precision Assembly Seminar, IPAS 2018, Revised Selected Papers* (Vol. 530, pp. 82-91). (IFIP Advances in Information and Communication Technology; Vol. 530). Springer New York LLC. https://doi.org/10.1007/978-3-030-05931-6_8
- Chukhman, I., Jiao, Y., Salem, H. B., & Bhattacharyya, S. S. (2016). Instrumentation-Driven Validation of Dataflow Applications. *Journal of Signal Processing Systems*, 84(3), 383–397. <https://doi.org/10.1007/s11265-015-1073-6>
- Dander, A., Mueller, L. A. J., Gallasch, R., Pabinger, S., Emmert-Streib, F., Graber, A., & Dehmer, M. (2013). [COMMODE] a large-scale database of molecular descriptors using compounds from PubChem. *Source Code for Biology and Medicine*, 8, [22]. <https://doi.org/10.1186/1751-0473-8-22>
- Dang, D. (2017). Enterprise architecture institutionalization: A tale of two cases. In *Proceedings of the 25th European Conference on Information Systems, ECIS 2017* (pp. 842-857). Association for Information Systems.
- Dang, D., & Pekkola, S. (2019). Institutional Perspectives on the Process of Enterprise Architecture Adoption. *Information Systems Frontiers*. <https://doi.org/10.1007/s10796-019-09944-8>
- 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.
- 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.
- Deng, S., Tong, J., Lin, Y., Li, H., & Liu, Y. (2019). Motivating scholars' responses in academic social networking sites: An empirical study on ResearchGate Q&A behavior. *INFORMATION PROCESSING AND MANAGEMENT*, 56(6), [102082]. <https://doi.org/10.1016/j.ipm.2019.102082>

Devillers, R., Valmari, A., & Penczek, W. (2016). Application and theory of Petri nets and other models of concurrency: Special issue of selected papers from Petri Nets 2015. *Fundamenta Informaticae*, 146(1), v-vi. <https://doi.org/10.3233/FI-2016-1373>

Ellervee, P., & Nurmi, J. (2017). Guest Editorial: Implementation Issues in System-on-Chip. *Journal of Signal Processing Systems*, 87(3), 269-270. <https://doi.org/10.1007/s11265-017-1242-x>

Emmert-Streib, F., & Dehmer, M. (2007). Global information processing in gene networks: Fault tolerance. In *Proceedings of the Bio-Inspired Models of Network, Information, and Computing Systems, Bionetics 2007* (pp. 326-329). [4610138] <https://doi.org/10.1109/BIMNICS.2007.4610138>

Evreinova, T. V., Evreinov, G., & Raisamo, R. (2013). An evaluation of the virtual curvature with the StickGrip haptic device: A case study. *UNIVERSAL ACCESS IN THE INFORMATION SOCIETY*, 12(2), 161-173. <https://doi.org/10.1007/s10209-012-0273-0>

Evreinova, T. V., Evreinov, G., & Raisamo, R. (2011). Estimating topographic heights with the StickGrip haptic device. In *2011 Federated Conference on Computer Science and Information Systems, FedCSIS 2011* (pp. 691-697). [6078307]

Evreinova, T. V., Evreinov, G., & Raisamo, R. (2011). Interpretation of ambiguous images inspected by the StickGrip device. In *Proceedings of the IADIS International Conference Interfaces and Human Computer Interaction 2011, Part of the IADIS Multi Conference on Computer Science and Information Systems 2011, MCCSIS 2011* (pp. 209-216)

Faisal, A., Gillberg, J., Peltonen, J., Leen, G., & Kaski, S. (2012). Sparse nonparametric topic model for transfer learning. In *ESANN 2012 proceedings, 20th European Symposium on Artificial Neural Networks, Computational Intelligence and Machine Learning* (pp. 269-274). i6doc.com publication.

Feng, C., Xi, N., Zhuang, G., & Hamari, J. (2019). IT capability and firm performance: The mediating roles of interaction praxis. In *AMCIS 2019 Proceedings AIS*.

Gallidabino, A., Pautasso, C., Mikkonen, T., Systä, K., Voutilainen, J-P., & Taivalsaari, A. (2017). Architecting liquid software. *Journal of Web Engineering*, 16(5-6), 433-470. <https://doi.org/10.26421/JWE16.5-6>

Garcia Fernandez, J., Tammi, K., & Joutsiniemi, A. (2017). Extending the life of virtual heritage: Reuse of TLS point clouds in synthetic stereoscopic spherical images. In *3D Virtual Reconstruction and Visualization of Complex Architectures* (pp. 317-323). (International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives). ISPRS. <https://doi.org/10.5194/isprs-archives-XLII-2-W3-317-2017>

Garcia-Fernandez, J., Joutsiniemi, A., Ahn, Y., & Fernandez, J. J. (2016). Quantitative + qualitative information for heritage conservation: An open science research for paving 'collaboratively' the way to historical-BIM. In *2015 Digital Heritage International Congress, Digital Heritage 2015* (pp. 207-208). IEEE. <https://doi.org/10.1109/DigitalHeritage.2015.7419495>

Godard, N., Pecci, I., & Isokoski, P. (2013). WeSlide: Gestural text entry for elderly users of interactive television. In *Proceedings of the 11th European Conference on Interactive TV and Video, EuroITV 2013* (pp. 55-58) <https://doi.org/10.1145/2465958.2465963>

Godbole, T. R., Calvo-Fullana, M., Pyattaev, A., Mox, D., Andreev, S., Ribeiro, A., & Valkama, M. (2019). Modeling mmWave Channels in High-Fidelity Simulations of Unmanned Aerial Systems. In *2019 IEEE 20th International Workshop on Signal Processing Advances in Wireless Communications, SPAWC 2019* (IEEE International Workshop on Signal Processing Advances in Wireless Communications). IEEE. <https://doi.org/10.1109/SPAWC.2019.8815528>

Grönman, J., Sillberg, P., Rantanen, P., & Saari, M. (2019). People Counting in a Public Event—Use Case: Free-to-Ride Bus. In *2019 42nd International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2019* (pp. 1055-1059). IEEE. <https://doi.org/10.23919/MIPRO.2019.8756921>

- Gu, R., Janneck, J. W., Raulet, M., & Bhattacharyya, S. S. (2011). Exploiting statically schedulable regions in dataflow programs. *Journal of Signal Processing Systems*, 63(1), 129-142. <https://doi.org/10.1007/s11265-009-0445-1>
- Halme, J., Jantunen, E., Hastbacka, D., Hegedus, C., Varga, P., Bjorkbom, M., ... Larranaga, M. (2019). Monitoring of production processes and the condition of the production equipment through the internet. In *2019 6th International Conference on Control, Decision and Information Technologies, CoDIT 2019* (pp. 1295-1300). IEEE. <https://doi.org/10.1109/CoDIT.2019.8820688>
- Hamari, J., & Koivisto, J. (2015). Why do people use gamification services? *International Journal of Information Management*, 35(4), 419-431. <https://doi.org/10.1016/j.ijinfomgt.2015.04.006>
- Hamari, J. (2015). Why do people buy virtual goods? Attitude toward virtual good purchases versus game enjoyment. *International Journal of Information Management*, 35(3), 299-308. <https://doi.org/10.1016/j.ijinfomgt.2015.01.007>
- Hamari, J., & Keronen, L. (2017). Why do people play games? A meta-analysis. *International Journal of Information Management*, 37(3), 125-141. <https://doi.org/10.1016/j.ijinfomgt.2017.01.006>
- Harviainen, J. T., & Hamari, J. (2015). Seek, share, or withhold: information trading in MMORPGs. *JOURNAL OF DOCUMENTATION*, 71(6), 1119-1134. <https://doi.org/10.1108/JD-09-2014-0135>
- Hasan, M., Hossain, E., Balasubramaniam, S., & Koucheryavy, Y. (2015). Social behavior in bacterial nanonetworks: Challenges and opportunities. *IEEE Network*, 29(1), 26-34. [7018200]. <https://doi.org/10.1109/MNET.2015.7018200>
- Hautala, I., Boutellier, J., Nyländén, T., & Silvén, O. (2018). Toward Efficient Execution of RVC-CAL Dataflow Programs on Multicore Platforms. *Journal of Signal Processing Systems*, 90(11), 1507-1517. <https://doi.org/10.1007/s11265-018-1339-x>
- Henno, J., Jaakkola, H., & Mäkelä, J. (2017). Developing curiosity and multimedia skills with programming experiments. In *2017 40th International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2017 - Proceedings* (pp. 694-699). IEEE. <https://doi.org/10.23919/MIPRO.2017.7973512>
- Henno, J., Jaakkola, H., & Mäkelä, J. (2019). Teaching for virtual work. In K. Skala, Z. Car, P. Pale, D. Huljenic, M. Janjic, M. Koracic, V. Sruk, S. Ribaric, T. G. Grbac, Z. Butkovic, M. Cicin-Sain, D. Skvorc, M. Mauher, S. Babic, S. Gros, B. Vrdoljak, ... E. Tijan (Eds.), *2019 42nd International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2019 - Proceedings* (pp. 818-826). IEEE. <https://doi.org/10.23919/MIPRO.2019.8756778>
- Heulot, J., Pelcat, M., Nezan, J. F., Oliva, Y., Aridhi, S., & Bhattacharyya, S. S. (2014). Just-in-time scheduling techniques for multicore signal processing systems. In *2014 IEEE Global Conference on Signal and Information Processing, GlobalSIP 2014* (pp. 25-29). [7032071] Institute of Electrical and Electronics Engineers Inc.. <https://doi.org/10.1109/GlobalSIP.2014.7032071>
- Hokkanen, L., & Väänänen-Vainio-Mattila, K. (2015). UX work in startups: Current practices and future needs. In *Agile Processes in Software Engineering and Extreme Programming: 16th International Conference, XP 2015, Helsinki, Finland, May 25-29, 2015, Proceedings* (Vol. 212, pp. 81-92). (Lecture Notes in Business Information Processing; Vol. 212). Springer Verlag. https://doi.org/10.1007/978-3-319-18612-2_7
- Hokkanen, L., Kuusinen, K., & Väänänen, K. (2016). Minimum viable user experience: A framework for supporting product design in startups. In *Agile Processes, in Software Engineering, and Extreme Programming: 17th International Conference, XP 2016, Edinburgh, UK, May 24-27, 2016, Proceedings* (pp. 66-78). (Lecture Notes in Business Information Processing; Vol. 251). Springer Verlag. https://doi.org/10.1007/978-3-319-33515-5_6

- Ho-Van, K., Sofotasios, P. C., Alexandropoulos, G. C., & Freear, S. (2015). Bit error rate of underlay decode-and-forward cognitive networks with best relay selection. *Journal of Communications and Networks*, 17(2), 162-171. <https://doi.org/10.1109/JCN.2015.000030>
- Höynälänmaa, T. (2015). Multiresolution analysis for compactly supported interpolating tensor product wavelets. *International Journal of Wavelets Multiresolution and Information Processing*, 13(2), [1550010]. <https://doi.org/10.1142/S0219691315500101>
- Hu, S., Jin, L., & Kuo, C-C. J. (2014). Compressed video quality assessment with modified MSE. In *2014 Asia-Pacific Signal and Information Processing Association Annual Summit and Conference, APSIPA 2014* The Institute of Electrical and Electronics Engineers, Inc.. <https://doi.org/10.1109/APSIPA.2014.7041643>
- Hukkanen, J., Astola, P., & Tabus, I. (2015). Lossless compression of regions-of-interest from retinal images. In *EUVIP 2014 - 5th European Workshop on Visual Information Processing* The Institute of Electrical and Electronics Engineers, Inc.. <https://doi.org/10.1109/EUVIP.2014.7018394>
- Hussain, W., Hoffmann, H., Ahonen, T., & Nurmi, J. (2017). Power Mitigation by Performance Equalization in a Heterogeneous Reconfigurable Multicore Architecture. *Journal of Signal Processing Systems*, 87(3), 287-297. <https://doi.org/10.1007/s11265-016-1142-5>
- Hyrnsalmi, S., Seppänen, M., Nokkala, T., Suominen, A., & Järvi, A. (2015). Wealthy, healthy and/or happy —what does 'ecosystem health' stand for? In *6th International Conference on Software Business, ICSOB 2015; Braga; Portugal; 10 June 2015 through 12 June 2015* (Vol. 210, pp. 272-287). (Lecture Notes in Business Information Processing; Vol. 210). Springer Verlag. https://doi.org/10.1007/978-3-319-19593-3_24
- Hyrnsalmi, S., Suominen, A., & Mäntymäki, M. (2016). The influence of developer multi-homing on competition between software ecosystems. *Journal of Systems and Software*, 111, 119-127. <https://doi.org/10.1016/j.jss.2015.08.053>
- Hyrnsalmi, S., Suominen, A., Mäkilä, T., Järvi, A., & Knuutila, T. (2012). Revenue models of application developers in android market ecosystem. In *Software Business - Third International Conference, ICSOB 2012, Proceedings* (pp. 209-222). (Lecture Notes in Business Information Processing; Vol. 114). Springer Verlag. https://doi.org/10.1007/978-3-642-30746-1_17
- Ihantola, P., Sorva, J., & Vihavainen, A. (2014). Automatically detectable indicators of programming assignment difficulty. In *SIGITE 2014 - Proceedings of the 15th Annual Conference on Information Technology Education* (pp. 33-38). Association for Computing Machinery, Inc. <https://doi.org/10.1145/2656450.2656476>
- Iosifidis, A., Tefas, A., & Pitas, I. (2016). Graph Embedded Extreme Learning Machine. *IEEE Transactions on Cybernetics*, 46(1), 311 - 324. <https://doi.org/10.1109/TCYB.2015.2401973>
- Iosifidis, A., Tefas, A., & Pitas, I. (2013). Multidimensional sequence classification based on fuzzy distances and discriminant analysis. *IEEE Transactions on Knowledge and Data Engineering*, 25(11), 2564-2575. <https://doi.org/10.1109/TKDE.2012.223>
- Iosifidis, A., Tefas, A., & Pitas, I. (2013). Multi-view human action recognition: A survey. In *Proceedings - 2013 9th International Conference on Intelligent Information Hiding and Multimedia Signal Processing, IIH-MSP 2013* (pp. 522-525). IEEE COMPUTER SOCIETY PRESS. <https://doi.org/10.1109/IIH-MSP.2013.135>
- Iosifidis, A., Tefas, A., & Pitas, I. (2013). Representative class vector clustering-based discriminant analysis. In *Proceedings - 2013 9th International Conference on Intelligent Information Hiding and Multimedia Signal Processing, IIH-MSP 2013* (pp. 526-529). IEEE COMPUTER SOCIETY PRESS. <https://doi.org/10.1109/IIH-MSP.2013.136>
- Irofti, P., & Dumitrescu, B. (2015). Cospase dictionary learning for the orthogonal case. In *2015 19th International Conference on System Theory, Control and Computing, ICSTCC 2015 - Joint Conference SINTES 19, SACCS 15, SIMSIS 19* (pp. 343-347). IEEE. <https://doi.org/10.1109/ICSTCC.2015.7321317>

Isitan, K., Nummenmaa, T., & Berki, E. (2011). Openness as a method for game evolution. In *Proceedings of the IADIS International Conference Game and Entertainment Technologies 2011, Part of the IADIS Multi Conference on Computer Science and Information Systems 2011, MCCSIS 2011* (pp. 100-104)

Jaakkola, H., Henno, J., Mäkelä, J., & Thalheim, B. (2017). Today is the future of yesterday; What is the future of today? In *2017 40th International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2017 - Proceedings* (pp. 635-643). IEEE. <https://doi.org/10.23919/MIPRO.2017.7973502>

Jaakkola, H., Henno, J., Thalheim, B., & Mäkelä, J. (2017). The educators' telescope to the future of technology. In *2017 40th International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2017 - Proceedings* (pp. 660-665). IEEE. <https://doi.org/10.23919/MIPRO.2017.7973506>

Jaakkola, H., Henno, J., Mäkelä, J., & Thalheim, B. (2019). Artificial intelligence yesterday, today and tomorrow. In K. Skala, Z. Car, P. Pale, D. Huljenic, M. Janjic, M. Koricic, V. Sruk, S. Ribaric, T. G. Grbac, Z. Butkovic, M. Cicin-Sain, D. Skvorc, M. Mauher, S. Babic, S. Gros, B. Vrdoljak, ... E. Tijan (Eds.), *2019 42nd International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2019 - Proceedings* (pp. 860-867). IEEE. <https://doi.org/10.23919/MIPRO.2019.8756913>

Järvelin, K., Vakkari, P., Arvola, P., Baskaya, F., Järvelin, A., Kekäläinen, J., ... Sormunen, E. (2015). Task-based information interaction evaluation: The viewpoint of program theory. *ACM Transactions on Information Systems*, 33(1), [3]. <https://doi.org/10.1145/2699660>

Järvi, A., Taajamaa, V., & Hyrynsalmi, S. (2015). Lean software startup – an experience report from an entrepreneurial software business course. In *Software Business - 6th International Conference, ICSOB 2015, Proceedings* (Vol. 210, pp. 230-244). (Lecture Notes in Business Information Processing; Vol. 210). Springer Verlag. https://doi.org/10.1007/978-3-319-19593-3_21

Jin, L., Cho, S., Liu, T. J., Egiazarian, K., & Kuo, C. C. J. (2012). Performance Comparison of Decision Fusion Strategies in BMMF-based Image Quality Assessment. In *2012 Conference Handbook - 4th Asia-Pacific Signal and Information Processing Association Annual Summit and Conference, APSIPA ASC 2012. 3-6.12.2012, Hollywood, CA, USA* (pp. 1-4). [6411938] (Asia-Pacific Signal and Information Processing Association Annual Summit and Conference).

Jokela, T., Rezaei, P. P., & Väänänen, K. (2016). Using elicitation studies to generate collocated interaction methods. In *Proceedings of the 18th International Conference on Human-Computer Interaction with Mobile Devices and Services Adjunct, MobileHCI 2016* (pp. 1129-1133). ACM. <https://doi.org/10.1145/2957265.2962654>

Joutsijoki, H., Rasku, J., Haponen, M., Baldin, I., Gizatdinova, Y., Paci, M., ... Juhola, M. (2015). Classification of iPSC colony images using hierarchical strategies with support vector machines. In *IEEE SSCI 2014 - 2014 IEEE Symposium Series on Computational Intelligence - CIDM 2014: 2014 IEEE Symposium on Computational Intelligence and Data Mining, Proceedings* (pp. 86-92). [7008152] The Institute of Electrical and Electronics Engineers, Inc.. <https://doi.org/10.1109/CIDM.2014.7008152>

Jussila, J., Helander, N., Lehtonen, T., Kallio, J., & Sillanpää, V. (2016). Can e-government solutions enhance the work in municipalities?: empirical evidence from case lupapist. In *AcademicMindtrek '16: Proceedings of the 20th International Academic Mindtrek Conference: Oct. 17th-19th, 2016* (pp. 20-25). ACM. <https://doi.org/10.1145/2994310.2994357>

Kalb, H., Pirkkalainen, H., Pawlowski, J., & Schoop, E. (2011). Social networking services as a facilitator for scientists' sharing activities. In *19th European Conference on Information Systems, ECIS 2011*

Kannisto, P., Hästbacka, D., & Marttinen, A. (2018). Information Exchange Architecture for Collaborative Industrial Ecosystem. *Information Systems Frontiers*, 1-16. <https://doi.org/10.1007/s10796-018-9877-0>

Kee, H., Shen, C. C., Bhattacharyya, S. S., Wong, I., Rao, Y., & Kornerup, J. (2012). Mapping parameterized cyclo-static dataflow graphs onto configurable hardware. *Journal of Signal Processing Systems*, 66(3), 285-301. <https://doi.org/10.1007/s11265-011-0599-5>

Kekäläinen, J., Arvola, P., & Kumpulainen, S. (2014). Browsing patterns in retrieved documents. In *Proceedings of the 5th Information Interaction in Context Symposium, IliX 2014* (pp. 299-302). Association for Computing Machinery. <https://doi.org/10.1145/2637002.2637047>

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

Kelo, T., Eronen, J., & Rousku, K. (2018). Model for efficient development of security audit criteria. In *Proceedings of the 17th European Conference on Cyber Warfare and Security, ECCWS 2018* (pp. 244-252). Curran Associates.

Ketonen-Oksi, S., Jussila, J. J., & Kärkkäinen, H. (2016). Social media -based value creation and business models. *Industrial Management and Data Systems*, 116(8), 1820-1838. <https://doi.org/10.1108/IMDS-05-2015-0199>

Kim, S. C., & Bhattacharyya, S. S. (2017). Implementation of a Multirate Resampler for Multi-carrier Systems on GPUs. *Journal of Signal Processing Systems*, 89(3), 445-455. <https://doi.org/10.1007/s11265-017-1239-5>

Koivumäki, J., & Mattila, J. (2017). Adaptive and nonlinear control of discharge pressure for variable displacement axial piston pumps. *Journal of Dynamic Systems, Measurement and Control: Transactions of the ASME*, 139(10), [101008]. <https://doi.org/10.1115/1.4036537>

Korpi, D., Riihonen, T., & Valkama, M. (2015). Achievable rate regions and self-interference channel estimation in hybrid full-duplex/half-duplex radio links. In *2015 49th Annual Conference on Information Sciences and Systems, CISS 2015* The Institute of Electrical and Electronics Engineers, Inc.. <https://doi.org/10.1109/CISS.2015.7086821>

Korpi, D., Anttila, L., & Valkama, M. (2016). Asymmetric full-duplex with contiguous downlink carrier aggregation. In *2016 IEEE 17th International Workshop on Signal Processing Advances in Wireless Communications (SPAWC) IEEE*. <https://doi.org/10.1109/SPAWC.2016.7536807>

Köse, D. B., Morschheuser, B., & Hamari, J. (2019). Is it a tool or a toy? How user conceptions of a system's purpose affect their experience and use. *International Journal of Information Management*, 49, 461-474. <https://doi.org/10.1016/j.ijinfomgt.2019.07.016>

Koski, A., & Mikkonen, T. (2016). Can we get some service here? On the company transformation from a software vendor to a SaaS provider. In *WEBIST 2016 - Proceedings of the 12th International Conference on Web Information Systems and Technologies* (pp. 279-284). SCITEPRESS.

Kozyrev, D., Ometov, A., Moltchanov, D., Rykov, V., Efrosinin, D., Milovanova, T., ... Koucheryavy, Y. (2018). Mobility-Centric Analysis of Communication Offloading for Heterogeneous Internet of Things Devices. *Wireless Communications and Mobile Computing*, 2018, [3761075]. <https://doi.org/10.1155/2018/3761075>

Kumpulainen, S. (2014). Trails across the heterogeneous information environment: Manual integration patterns of search systems in molecular medicine. *JOURNAL OF DOCUMENTATION*, 70(5), 856-877. <https://doi.org/10.1108/JD-06-2013-0082>

Kumpulainen, S., & Järvelin, K. (2012). Barriers to task-based information access in molecular medicine. *JOURNAL OF THE ASSOCIATION FOR INFORMATION SCIENCE AND TECHNOLOGY*, 63(1), 86-97. <https://doi.org/10.1002/asi.21672>

Kumpulainen, S., & Järvelin, K. (2010). Information interaction in molecular medicine: Integrated use of multiple channels. In *IliX 2010 - Proceedings of the 2010 Information Interaction in Context Symposium* (pp. 95-104) <https://doi.org/10.1145/1840784.1840800>

- Lavazza, L., Morasca, S., Taibi, D., & Tosi, D. (2010). Applying SCRUM in an OSS development process: An empirical evaluation. In *Agile Processes in Software Engineering and Extreme Programming - 11th International Conference, XP 2010, Proceedings* (Vol. 48 LNBIIP, pp. 147-159). (Lecture Notes in Business Information Processing; Vol. 48 LNBIIP). Springer Verlag. https://doi.org/10.1007/978-3-642-13054-0_11
- Lavazza, L., Morasca, S., Taibi, D., & Tosi, D. (2011). OP2A: How to improve the quality of the web portal of open source software products. In *Web Information Systems and Technologies - 7th International Conference, WEBIST 2011, Revised Selected Papers* (pp. 149-162). (Lecture Notes in Business Information Processing; Vol. 101 LNBIIP). Springer Verlag. <https://doi.org/10.1007/978-3-642-28082-5-11>
- Lenarduzzi, V., Stan, A. C., Taibi, D., Venters, G., & Windegger, M. (2018). Prioritizing corrective maintenance activities for android applications: An industrial case study on android crash reports. In *Software Quality: Methods and Tools for Better Software and Systems - 10th International Conference, SWQD 2018, Proceedings* (pp. 133-143). (Lecture Notes in Business Information Processing; Vol. 302). Springer-Verlag Berlin Heidelberg. https://doi.org/10.1007/978-3-319-71440-0_8
- Lenarduzzi, V., Stan, A. C., Taibi, D., Tosi, D., & Venters, G. (2017). A dynamical quality model to continuously monitor software maintenance. In *Proceedings of the 11th European Conference on Information Systems Management, ECISM 2017* (pp. 168-178). Academic Conferences and Publishing International Limited.
- Lenarduzzi, V., Lunesu, I., Matta, M., & Taibi, D. (2015). Functional size measures and effort estimation in agile development: A replicated study. In *Agile Processes, in Software Engineering, and Extreme Programming - 16th International Conference, XP 2015, Proceedings* (Vol. 212, pp. 105-116). (Lecture Notes in Business Information Processing; Vol. 212). Springer-Verlag Berlin Heidelberg. https://doi.org/10.1007/978-3-319-18612-2_9
- Li, K., Ghazi, A., Tarver, C., Boutellier, J., Abdelaziz, M., Anttila, L., ... Cavallaro, J. R. (2017). Parallel Digital Predistortion Design on Mobile GPU and Embedded Multicore CPU for Mobile Transmitters. *Journal of Signal Processing Systems*, 89 (3), 417-430. <https://doi.org/10.1007/s11265-017-1233-y>
- Linna, P., Mäkinen, T., & Keto, H. (2016). Utilizing MOOCs in the development of education and training programs. In *2016 39th International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2016 - Proceedings* (pp. 861-864) <https://doi.org/10.1109/MIPRO.2016.7522260>
- Linna, P., Mäkinen, T., & Yrjökoski, K. (2017). Open data based value networks: Finnish examples of public events and agriculture. In *2017 40th International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2017 - Proceedings* (pp. 1448-1453). IEEE. <https://doi.org/10.23919/MIPRO.2017.7973649>
- Linna, P., Narra, N., & Grönman, J. (2019). Intelligent data service for farmers. In K. Skala, Z. Car, P. Pale, D. Huljenic, M. Janjic, M. Koracic, V. Sruk, S. Ribaric, T. G. Grbac, Z. Butkovic, M. Cicin-Sain, D. Skvorc, M. Mauher, S. Babic, S. Gros, B. Vrdoljak, ... E. Tijan (Eds.), *2019 42nd International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2019 - Proceedings* (pp. 1072-1075). IEEE. <https://doi.org/10.23919/MIPRO.2019.8756688>
- Liu, F., Lim, E. T. K., Li, H., Tan, C. W., & Cyr, D. (2019). Disentangling utilitarian and hedonic consumption behavior in online shopping: An expectation disconfirmation perspective. *Information and Management*, [103199]. <https://doi.org/10.1016/j.im.2019.103199>
- Lu, W., Nummenmaa, J., & Zhang, Z. (2015). Passive condition pre-enforcement for rights exporting. In *Perspectives in Business Informatics Research - 14th International Conference, BIR 2015, Proceedings* (Vol. 229, pp. 241-254). (Lecture Notes in Business Information Processing; Vol. 229). Springer Verlag. https://doi.org/10.1007/978-3-319-21915-8_16
- Lu, W., Zhang, Z., & Nummenmaa, J. (2012). Characterizing trustworthy digital rights exporting. In *Perspectives in Business Informatics Research - 11th International Conference, BIR 2012, Proceedings* (Vol. 128 LNBIIP, pp. 85-95). (Lecture Notes in Business Information Processing; Vol. 128 LNBIIP). Springer Verlag. https://doi.org/10.1007/978-3-642-33281-4_7

- Lwakatare, L. E., Kilamo, T., Karvonen, T., Sauvola, T., Heikkilä, V., Itkonen, J., ... Lassenius, C. (2019). DevOps in practice: A multiple case study of five companies. *Information and Software Technology*, 114, 217-230. <https://doi.org/10.1016/j.infsof.2019.06.010>
- Ma, H., Yu, S., Gabbouj, M., & Mueller, P. (2018). Guest Editorial Special Issue on Multimedia Big Data in Internet of Things. *IEEE Internet of Things Journal*, 5(5), 3405-3407. [8534720]. <https://doi.org/10.1109/JIOT.2018.2875580>
- Mahkonen, K., Virtanen, T., & Kämäräinen, J. (2018). Cascade of Boolean detector combinations. *Eurasip Journal on Image and Video Processing*, 2018, [61]. <https://doi.org/10.1186/s13640-018-0303-9>
- Mäki-Lohiluoma, P., Hellsten, P., & Pekkola, S. (2016). Why do we need this? Roles in the information system acquisition legitimation process. In *24th European Conference on Information Systems, ECIS 2016: Boğaziçi University in Istanbul, Turkey, June 12-15* Association for Information Systems.
- Mäkinen, S., Leppänen, M., Kilamo, T., Mattila, A-L., Laukkanen, E., Pagels, M., & Männistö, T. (2016). Improving the delivery cycle: A multiple-case study of the toolchains in Finnish software intensive enterprises. *Information and Software Technology*, 80, 1339-1351. <https://doi.org/10.1016/j.infsof.2016.09.001>
- Mäkitalo, N., Aaltonen, T., Raatikainen, M., Ometov, A., Andreev, S., Koucheryavy, Y., & Mikkonen, T. (2019). Action-Oriented Programming Model: Collective Executions and Interactions in the Fog. *Journal of Systems and Software*, 157, [110391]. <https://doi.org/10.1016/j.jss.2019.110391>
- Mantilla, R. M. F., Nieto Lee, A., & Lastra, J. L. M. (2015). Definition of key performance indicators for energy efficient assessment in the transport sector. In *SMARTGREENS 2015 - 4th International Conference on Smart Cities and Green ICT Systems, Proceedings* (pp. 78-82). SCITEPRESS.
- Mantilla R., M. F., Nieto Lee, A., & Lastra, J. L. M. (2015). Parameters affecting the energy performance of the transport sector in smart cities. In *SMARTGREENS 2015 - 4th International Conference on Smart Cities and Green ICT Systems, Proceedings* (pp. 83-88). SCITEPRESS.
- Mantilla R., M. F., Nieto Lee, A., Lastra, J. L. M., & Kotakorpi, E. (2015). Methodology for energy efficiency assessment in the transport sector for smart cities. In *SMARTGREENS 2015 - 4th International Conference on Smart Cities and Green ICT Systems, Proceedings* (pp. 72-77). SCITEPRESS.
- Marshoud, H., Sofotasios, P. C., Muhaidat, S., & Karagiannidis, G. K. (2017). Multi-user techniques in visible light communications: A survey. In *2016 International Conference on Advanced Communication Systems and Information Security, ACOSIS 2016 - Proceedings IEEE*. <https://doi.org/10.1109/ACOSIS.2016.7843945>
- Masek, P., Mokrov, E., Zeman, K., Ponomarenko-Timofeev, A., Pyattaev, A., Nesterov, S., ... Koucheryavy, Y. (2018). A Practical Perspective on 5G-Ready Highly Dynamic Spectrum Management with LSA. *Wireless Communications and Mobile Computing*, 2018, [2103868]. <https://doi.org/10.1155/2018/2103868>
- McAllister, J., Guevorkian, D., Jeschke, H., & Sima, M. (2014). Special Issue on Embedded Computer Systems: Architectures, Modeling and Simulation. *International Journal of Parallel Programming*, 43(1). <https://doi.org/10.1007/s10766-014-0321-x>
- Meskill, B., Balasubramaniam, S., Brennan, R., Feeney, K., & Jennings, B. (2013). Federation lifecycle management incorporating coordination of bio-inspired self-management processes. *JOURNAL OF NETWORK AND SYSTEMS MANAGEMENT*, 21(4), 650-676. <https://doi.org/10.1007/s10922-013-9263-7>
- Moltchanov, D., Kovalchukov, R., Gerasimenko, M., Andreev, S., Koucheryavy, Y., & Gerla, M. (2019). Socially inspired relaying and proactive mode selection in mmWave vehicular communications. *IEEE Internet of Things Journal*, 6(3), 5172-5183. <https://doi.org/10.1109/JIOT.2019.2898420>

Morasca, S., Taibi, D., & Tosi, D. (2009). Towards certifying the testing process of open-source software: New challenges or old methodologies? In *Proceedings of the 2009 ICSE Workshop on Emerging Trends in Free/Libre/Open Source Software Research and Development, FLOSS 2009* (pp. 25-30). [5071356] <https://doi.org/10.1109/FLOSS.2009.5071356>

Morschheuser, B., Hassan, L., Werder, K., & Hamari, J. (2018). How to design gamification? A method for engineering gamified software. *Information and Software Technology, 95*, 219-237. <https://doi.org/10.1016/j.infsof.2017.10.015>

Mtebe, J. S., & Raisamo, R. (2014). A model for assessing learning management system success in higher education in sub-saharan Countries. *ELECTRONIC JOURNAL OF INFORMATION SYSTEMS IN DEVELOPING COUNTRIES, 61*(1), [7].

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

Musa, A., Ghorai, L. S., Zhang, S. D., Glazko, G., Yli-Harja, O., Dehmer, M., ... Emmert-Streib, F. (2018). A review of connectivity map and computational approaches in pharmacogenomics. *Briefings in Bioinformatics, 19*(3), 506-523. <https://doi.org/10.1093/bib/bbw112>

Nanavati, A. A., Rajput, N., Turunen, M., Knoche, H., & Rehm, M. (2015). Mobiscool: 1st workshop on mobile, social and culturally oriented learning. In *MobileHCI 2015 - Proceedings of the 17th International Conference on Human-Computer Interaction with Mobile Devices and Services Adjunct* (pp. 1187-1190). Association for Computing Machinery, Inc. <https://doi.org/10.1145/2786567.2795402>

Nanavati, A. A., Rajput, N., Rudnicky, A. I., Turunen, M., Sandholm, T., Munteanu, C., & Penn, G. (2012). SiMPE: 7th Workshop on speech and sound in mobile and pervasive environments. In *MobileHCI'12 - Companion Proceedings of the 14th International Conference on Human Computer Interaction with Mobile Devices and Services* (pp. 251-253) <https://doi.org/10.1145/2371664.2371727>

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.

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

Niemi, H., & Multisilta, J. (2016). Digital storytelling promoting twenty-first century skills and student engagement. *Technology, Pedagogy and Education, 25*(4), 451-468. <https://doi.org/10.1080/1475939X.2015.1074610>

Niinimäki, M., Niemi, T., Martin, S., Nummenmaa, J., & Thanisch, P. (2012). Timely report production from WWW data sources. In *Workshops on Business Informatics Research, BIR 2011 International Workshops and Doctoral Consortium, Revised Selected Papers* (Vol. 106 LNBIP, pp. 184-195). (Lecture Notes in Business Information Processing; Vol. 106 LNBIP). Springer Verlag. <https://doi.org/10.1007/978-3-642-29231-6-15>

Niutanen, V., Hölttä-Otto, K., Rahardjo, A., Stowe, H. M., Helo, P., & Pulkkinen, A. (2017). Complex elevator system DSM-case for a DSM design sprint. In *Understand, Innovate, and Manage your Complex System! - Proceedings of the 19th International DSM Conference* (pp. 259-264). The Design Society.

Nyländén, T., Boutellier, J., Nikunen, K., Hannuksela, J., & Silvén, O. (2014). Low-Power Reconfigurable Miniature Sensor Nodes for Condition Monitoring. *International Journal of Parallel Programming, 43*(1), 3-23. <https://doi.org/10.1007/s10766-013-0302-5>

Ometov, A., Kozyrev, D., Rykov, V., Andreev, S., Gaidamaka, Y., & Koucheryavy, Y. (2017). Reliability-centric analysis of offloaded computation in cooperative wearable applications. *Wireless Communications and Mobile Computing, 2017*, [9625687]. <https://doi.org/10.1155/2017/9625687>

Ometov, A., Petrov, V., Bezzateev, S., Andreev, S., Koucheryavy, Y., & Gerla, M. (2019). Challenges of Multi-Factor Authentication for Securing Advanced IoT Applications. *IEEE Network, 33*(2), 82-88. <https://doi.org/10.1109/MNET.2019.1800240>

Pajarinen, J., & Peltonen, J. (2011). Periodic finite state controllers for efficient POMDP and DEC-POMDP planning. In *Advances in Neural Information Processing Systems 24: 25th Annual Conference on Neural Information Processing Systems 2011, NIPS 2011*

Paladi, N., Michalas, A., & Dang, H. V. (2018). Towards secure cloud orchestration for multi-cloud deployments. In *CrossCloud 2018 - 5th Workshop on CrossCloud Infrastructures and Platforms, colocated with EuroSys 2018 [a4] ACM*. <https://doi.org/10.1145/3195870.3195874>

Paladi, N., & Michalas, A. (2014). 'One of our hosts in another country': Challenges of data geolocation in cloud storage. In *2014 4th International Conference on Wireless Communications, Vehicular Technology, Information Theory and Aerospace and Electronic Systems, VITAE 2014 - Co-located with Global Wireless Summit [6934507] Institute of Electrical and Electronics Engineers Inc.* <https://doi.org/10.1109/VITAE.2014.6934507>

Pärilin, K., Riihonen, T., & Turunen, M. (2019). Sweep Jamming Mitigation Using Adaptive Filtering for Detecting Frequency Agile Systems. In *2019 International Conference on Military Communications and Information Systems, ICMCIS 2019 IEEE*. <https://doi.org/10.1109/ICMCIS.2019.8842761>

Pawlowski, J. M., Bick, M., Peinl, R., Thalmann, S., Maier, R., Hetmank, L., ... Pirkkalainen, H. (2014). Soziale Wissensumgebungen. *WIRTSCHAFTSINFORMATIK, 56*(2), 91-100. <https://doi.org/10.1007/s11576-014-0409-3>

Pesonen, E., Jumisko-Pyykkö, S., & Väätäjä, H. (2015). User Experience of Digital News: Two Semi-long Term Field Studies. In *14th International Conference on Mobile and Ubiquitous Multimedia (MUM 2015)* (pp. 51-63). ACM. <https://doi.org/10.1145/2836041.2836046>

Piipponen, A., & Valmari, A. (2016). Constructing Minimal Coverability Sets. *Fundamenta Informaticae, 143*(3-4), 393-414. <https://doi.org/10.3233/FI-2016-1319>

Pokorny, J., Ometov, A., Pascual, P., Baquero, C., Masek, P., Pyattaev, A., ... Koucheryavy, Y. (2018). Concept design and performance evaluation of UAV-based backhaul link with antenna steering. *Journal of Communications and Networks, 20*(5), 473-483. [8533583]. <https://doi.org/10.1109/JCN.2018.000072>

Rantanen, P., Sillberg, P., & Soini, J. (2017). Towards the Utilization of Crowdsourcing in Traffic Condition Reporting. In *2017 40th International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2017 - Proceedings* (pp. 985-990). IEEE. <https://doi.org/10.23919/MIPRO.2017.7973567>

Riihonen, T., Korpi, D., Rantula, O., & Valkama, M. (2017). On the prospects of full-duplex military radios. In *2017 International Conference on Military Communications and Information Systems, ICMCIS 2017 IEEE*. <https://doi.org/10.1109/ICMCIS.2017.7956490>

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

Ruohonen, J., Hyrynsalmi, S., & Leppänen, V. (2016). Trading exploits online: A preliminary case study. In *IEEE RCIS 2016 - IEEE 10th International Conference on Research Challenges in Information Science* IEEE COMPUTER SOCIETY PRESS. <https://doi.org/10.1109/RCIS.2016.7549301>

Ruohonen, J., Hyrynsalmi, S., & Leppänen, V. (2016). Software vulnerability life cycles and the age of software products: An empirical assertion with operating system products. In *Advanced Information Systems Engineering Workshops - CAiSE 2016 International Workshops, Proceedings* (pp. 207-218). (Lecture Notes in Business Information Processing; Vol. 249). Springer Verlag. <https://doi.org/10.1007/978-3-319-39564-7-20>

Ruohonen, J., Scepanovic, S., Hyrynsalmi, S., Mishkovski, I., Aura, T., & Leppänen, V. (2017). A post-mortem empirical investigation of the popularity and distribution of malware files in the contemporary web-facing internet. In J. Brynielsson, & F. Johansson (Eds.), *Proceedings - 2016 European Intelligence and Security Informatics Conference, EISIC 2016 : : 7th European Intelligence and Security Informatics Conference, Uppsala; Sweden; 17 - 19 August 2016*. (pp. 144-147). IEEE. <https://doi.org/10.1109/EISIC.2016.037>

Ruotsalo, T., Peltonen, J., Eugster, M. J. A., Glowacka, D., Reijonen, A., Jacucci, G., ... Kaski, S. (2015). Scinet: Interactive intent modeling for information discovery. In *SIGIR 2015 - Proceedings of the 38th International ACM SIGIR Conference on Research and Development in Information Retrieval* (pp. 1043-1044). Association for Computing Machinery, Inc. <https://doi.org/10.1145/2766462.2767863>

Saastamoinen, M., Kumpulainen, S., & Järvelin, K. (2012). Task complexity and information searching in administrative tasks revisited. In *IliX 2012 - Proceedings 4th Information Interaction in Context Symposium: Behaviors, Interactions, Interfaces, Systems* (pp. 204-213) <https://doi.org/10.1145/2362724.2362759>

Sadreddini, Z., Masek, P., Cavdar, T., Ometov, A., Hosek, J., Gudkova, I., & Andreev, S. (2018). Dynamic Resource Sharing in 5G with LSA: Criteria-Based Management Framework. *Wireless Communications and Mobile Computing, 2018*, [7302025]. <https://doi.org/10.1155/2018/7302025>

Saikanmäki, J., Turunen, M., Mäenpää, M., Saarinen, A-P., & Riihonen, T. (2019). Simultaneous Jamming and RC System Detection by Using Full-Duplex Radio Technology. In *2019 International Conference on Military Communications and Information Systems, ICMCIS 2019* IEEE. <https://doi.org/10.1109/ICMCIS.2019.8842727>

Säily, T., Nevalainen, T., & Siirtola, H. (2011). Variation in noun and pronoun frequencies in a sociohistorical corpus of English. *LITERARY AND LINGUISTIC COMPUTING*, 26(2), 167-188. <https://doi.org/10.1093/lcl/fqr004>

Salmimaa, T., Hekkala, R., & Pekkola, S. (2018). Dynamic Activities for Managing an IS-Enabled Organizational Change. *Business and Information Systems Engineering*, 60(2), 133-149. <https://doi.org/10.1007/s12599-018-0524-6>

Salo, M., Pirkkalainen, H., & Koskelainen, T. (2017). Technostress and social networking services: Uncovering strains and their underlying stressors. In *Nordic Contributions in IS Research - 8th Scandinavian Conference on Information Systems, SCIS 2017, Proceedings* (pp. 41-53). (Lecture Notes in Business Information Processing; Vol. 294). Springer Verlag. https://doi.org/10.1007/978-3-319-64695-4_4

Sane, N., Kee, H., Seetharaman, G., & Bhattacharyya, S. S. (2011). Topological patterns for scalable representation and analysis of dataflow graphs. *Journal of Signal Processing Systems*, 65(2), 229-244. <https://doi.org/10.1007/s11265-011-0610-1>

San Juan Sebastián, P., Virtanen, T., Garcia-Molla, V. M., & Vidal, A. M. (2019). Analysis of an efficient parallel implementation of active-set Newton algorithm. *Journal of Supercomputing*, 75(3), 1298-1309. <https://doi.org/10.1007/s11227-018-2423-5>

Seppälä, J., Takanen, A., Korju, J., & Häyrynen, A. (2015). Security Analysis of Various Industrial Devices. In *International Conference on Computer Security in a Nuclear World: Expert Discussion and Exchange, 1-5 June, 2015, Vienna, Austria* [132] INTERNATIONAL ATOMIC ENERGY AGENCY.

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

Sheikh, M. U., Säe, J., & Lempiäinen, J. (2015). Evaluation of SPMA and higher order sectorization for homogeneous SIR through macro sites. *Wireless Networks*, 21(6). <https://doi.org/10.1007/s11276-015-1019-8>

Sheikh, M. U., & Lempiäinen, J. (2018). Impact of antenna radiation pattern variation on the performance of SPMA at 28 GHz. *Wireless Networks*, 24(2), 361–372. <https://doi.org/10.1007/s11276-016-1338-4>

Sheikh, M. U., & Lempiäinen, J. (2018). Macro cellular network transition from traditional frequency range to 28 GHz millimeter wave frequency band. *Wireless Networks*, 24(3), 943–953. <https://doi.org/10.1007/s11276-016-1390-0>

Sievi-Korte, O., Beecham, S., & Richardson, I. (2019). Challenges and recommended practices for software architecting in global software development. *Information and Software Technology*, 106, 234-253. <https://doi.org/10.1016/j.infsof.2018.10.008>

Sievi-Korte, O., Richardson, I., & Beecham, S. (2019). Software architecture design in global software development: An empirical study. *Journal of Systems and Software*, 158, [110400]. <https://doi.org/10.1016/j.jss.2019.110400>

Siltala, N., Järvenpää, E., & Lanz, M. (2019). Creating resource combinations based on formally described hardware interfaces. In *Precision Assembly in the Digital Age - 8th IFIP WG 5.5 International Precision Assembly Seminar, IPAS 2018, Revised Selected Papers* (Vol. 530, pp. 29-39). (IFIP Advances in Information and Communication Technology; Vol. 530). Springer New York LLC. https://doi.org/10.1007/978-3-030-05931-6_3

Soini, J., Sillberg, P., Rantanen, P., & Nummela, J. (2016). Portable sensor system for reliable condition measurement. In *2016 39th International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2016 - Proceedings* (pp. 1190-1195) <https://doi.org/10.1109/MIPRO.2016.7522320>

Suominen, A., Hyrynsalmi, S., & Seppänen, M. (2016). Ecosystems Here, There, and Everywhere — A Barometrical Analysis of the Roots of 'Software Ecosystem'. In *Software Business: 7th International Conference, ICSOB 2016, Ljubljana, Slovenia, June 13-14, 2016, Proceedings* (pp. 32-46). (Lecture Notes in Business Information Processing; Vol. 240). Springer Verlag. https://doi.org/10.1007/978-3-319-40515-5_3

Suonsyrjä, S. (2017). Eeny, Meeny, Miny, Mo...: A multiple case study on selecting a technique for user-interaction data collecting. In *Agile Processes in Software Engineering and Extreme Programming - 18th International Conference, XP 2017, Proceedings* (pp. 52-67). (Lecture Notes in Business Information Processing; Vol. 283). Springer Verlag. https://doi.org/10.1007/978-3-319-57633-6_4

Taibi, D., Lenarduzzi, V., Janes, A., Liukkunen, K., & Ahmad, M. O. (2017). Comparing requirements decomposition within the Scrum, Scrum with Kanban, XP, and Banana development processes. In *Agile Processes in Software Engineering and Extreme Programming - 18th International Conference, XP 2017, Proceedings* (pp. 68-83). (Lecture Notes in Business Information Processing; Vol. 283). Springer Verlag. https://doi.org/10.1007/978-3-319-57633-6_5

Taibi, D., Janes, A., & Lenarduzzi, V. (2016). Towards a lean approach to reduce code smells injection: An empirical study. In *Agile Processes in Software Engineering and Extreme Programming - 17th International Conference, XP 2016, Proceedings* (Lecture Notes in Business Information Processing; Vol. 251). Springer Verlag. https://doi.org/10.1007/978-3-319-33515-5_30

Taibi, D., Janes, A., & Lenarduzzi, V. (2017). How developers perceive smells in source code: A replicated study. *Information and Software Technology*, 92, 223-235. <https://doi.org/10.1016/j.infsof.2017.08.008>

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

- Tavella, F., Giaretta, A., Dooley-Cullinane, T. M., Conti, M., Coffey, L., & Balasubramaniam, S. (2019). DNA Molecular Storage System: Transferring Digitally Encoded Information through Bacterial Nanonetworks. *IEEE Transactions on Emerging Topics in Computing*. <https://doi.org/10.1109/TETC.2019.2932685>
- Thanisch, P., Niemi, T., Niinimäki, M., & Nummenmaa, J. (2011). Using the entity-attribute-value model for olap cube construction. In *Perspectives in Business Informatics Research - 10th International Conference, BIR 2011, Proceedings* (Vol. 90 LNBIP, pp. 59-72). (Lecture Notes in Business Information Processing; Vol. 90 LNBIP). Springer Verlag. https://doi.org/10.1007/978-3-642-24511-4_5
- Tohka, J., Moradi, E., Huttunen, H., Alzheimer's Disease Neuroimaging Initiative, & Alzheimer's Disease Neuroimaging Initiative 2 (2016). Comparison of Feature Selection Techniques in Machine Learning for Anatomical Brain MRI in Dementia. *Neuroinformatics*, 14(3), 279-296. <https://doi.org/10.1007/s12021-015-9292-3>
- Tosi, D., Lenarduzzi, V., Morasca, S., & Taibi, D. (2017). Experimenting traditional and modern reliability models in a 3-years european software project. In *Proceedings of the 11th European Conference on Information Systems Management, ECISM 2017* (pp. 304-314). Academic Conferences and Publishing International Limited.
- Väätäjä, H., Heimonen, T., Tiitinen, K., Hakulinen, J., & Turunen, M. (2015). Supplier's Expectations on Usage Data Analytics of Complex Industrial Systems. In E. Huizingh, S. Conn, & I. Bitran (Eds.), *ISPIM Innovation Summit 2015* International Society for Professional Innovation Management ISPIM.
- Väätäjä, H. (2015). Characterizing Context of Use in Mobile Work. In *Proceedings of Human Work Interaction Design HWID, IFIP TC 13.6 working group* [14] University of West London.
- Väätäjä, H. (2015). Perceived Impacts as User Experience Components in Mobile News Making with Smartphones. In J. Lumsden (Ed.), *Emerging Perspectives on the Design, Use, and Evaluation of Mobile and Handheld Devices* (pp. 218-238). IGI Global. <https://doi.org/10.4018/978-1-4666-8583-3>
- Väätäjä, H., Heimonen, T., Tiitinen, K., Hakulinen, J., Turunen, M., Nieminen, H., ... Lindborg, I. (2016). Opportunities and needs for logged usage data analytics of complex industrial systems. In *24th European Conference on Information Systems, ECIS 2016* Association for Information Systems.
- Valmari, A. (2015). On constructibility and unconstructibility of LTS operators from other LTS operators. *Acta Informatica*, 52(2-3), 207-234. <https://doi.org/10.1007/s00236-015-0217-2>
- Valmari, A., & Vogler, W. (2018). Fair testing and stubborn sets. *International Journal on Software Tools for Technology Transfer*, 589-610. <https://doi.org/10.1007/s10009-017-0481-2>
- Varsaluoma, J., Väätäjä, H., Kaasinen, E., Karvonen, H., & Lu, Y. (2015). The Fuzzy Front End of Experience Design: Eliciting and Communicating Experience Goals. In *OzCHI '15 - Proceedings of the Annual Meeting of the Australian Special Interest Group for Computer Human Interaction* (pp. 324-332). ACM. <https://doi.org/10.1145/2838739.2838761>
- Vepsäläinen, T., & Kuikka, S. (2015). Design Patterns for Model-Driven Development. *Communications in Computer and Information Science*, 555, 21-38. https://doi.org/10.1007/978-3-319-25579-8_2
- Vihavainen, A., Luukkainen, M., & Ihantola, P. (2014). Analysis of source code snapshot granularity levels. In *SIGITE 2014 - Proceedings of the 15th Annual Conference on Information Technology Education* (pp. 21-26). Association for Computing Machinery, Inc. <https://doi.org/10.1145/2656450.2656473>
- Vihervaara, J., Loula, P., & Tuominen, T. (2016). Performance gains from web performance optimization: Case including the optimization of webpage resources in a comprehensive way. In *WEBIST 2016 - Proceedings of the 12th International Conference on Web Information Systems and Technologies: Rome; Italy; 23 April 2016 through 25 April 2016* (pp. 188-193). SCITEPRESS.

Vihervaara, J., & Alapaholuoma, T. (2017). Internet of Things: Opportunities for vocational education and training: Presentation of the pilot project. In *CSEDU 2017 - Proceedings of the 9th International Conference on Computer Supported Education* (pp. 476-480). SCITEPRESS. <https://doi.org/10.5220/0006353204760480>

Vilminko-Heikkinen, R., Brous, P., & Pekkola, S. (2017). Paradoxes, conflicts and tensions in establishing master data management function. In *24th European Conference on Information Systems, ECIS 2016: Bogazici University/Istanbul, Turkey; 12 June 2016 through 15 June 2016* Association for Information Systems.

Viri, R., Aunimo, L., & Aramo-Immonen, H. (2019). Connected and Multimodal Passenger Transport Through Big Data Analytics: Case Tampere City Region, Finland. In L. M. Camarinha-Matos, H. Afsarmanesh, & D. Antonelli (Eds.), *Collaborative Networks and Digital Transformation - 20th IFIP WG 5.5 Working Conference on Virtual Enterprises, PRO-VE 2019, Proceedings* (pp. 527-538). (IFIP Advances in Information and Communication Technology; Vol. 568). Springer New York LLC. https://doi.org/10.1007/978-3-030-28464-0_46

Wang, L. H., Shen, C. C., Wu, S., & Bhattacharyya, S. S. (2013). Parameterized scheduling of topological patterns in signal processing dataflow graphs. *Journal of Signal Processing Systems*, 71(3), 275-286. <https://doi.org/10.1007/s11265-012-0719-x>

Wu, J., Blattner, T., Keyrouz, W., & Bhattacharyya, S. S. (2018). Model-Based Dynamic Scheduling for Multicore Signal Processing. *Journal of Signal Processing Systems*, 1-14. <https://doi.org/10.1007/s11265-018-1412-5>

Xi, N., & Hamari, J. (2019). VR shopping: A review of literature. In *AMCIS 2019 Proceedings* AIS.

Yang, D., Qian, Y., Cai, D., Yan, S., Kämäräinen, J.-K., & Chen, K. (2019). Visibility-Aware Part Coding for Vehicle Viewing Angle Estimation. In *9th International Conference on Information Science and Technology, ICIST 2019* (pp. 65-70). IEEE. <https://doi.org/10.1109/ICIST.2019.8836907>

Yli-Kaakinen, J., & Renfors, M. (2016). Optimization of Flexible Filter Banks Based on Fast Convolution. *Journal of Signal Processing Systems*, 85(1), 101-111. <https://doi.org/10.1007/s11265-015-1004-6>

Yrjökoski, K., Helander, N., & Jaakkola, H. (2016). To network or not to network? Analysis of the Finnish software industry-A networking approach. In *Software Business: 7th International Conference, ICSOB 2016, Ljubljana, Slovenia, June 13-14, 2016, Proceedings* (pp. 124-134). (Lecture Notes in Business Information Processing; Vol. 240). Springer Verlag. https://doi.org/10.1007/978-3-319-40515-5_9

Zaki, G. F., Plishker, W., Bhattacharyya, S. S., Clancy, C., & Kuykendall, J. (2013). Integration of dataflow-based heterogeneous multiprocessor scheduling techniques in GNU radio. *Journal of Signal Processing Systems*, 70(2), 177-191. <https://doi.org/10.1007/s11265-012-0696-0>

Zemliachenko, A., Lukin, V., Ponomarenko, N., Egiazarian, K., & Astola, J. (2016). Still image/video frame lossy compression providing a desired visual quality. *Multidimensional Systems and Signal Processing*, 27(3), 697-718. <https://doi.org/10.1007/s11045-015-0333-8>

Zhang, H., Kiranyaz, S., & Gabbouj, M. (2017). Outlier edge detection using random graph generation models and applications. *Journal of Big Data*, 4(1), [11]. <https://doi.org/10.1186/s40537-017-0073-8>

Zhang, B., Veijalainen, J., & Kotkov, D. (2017). Samsung and Volkswagen crisis communication in Facebook and Twitter: A comparative study. In *WEBIST 2017 - Proceedings of the 13th International Conference on Web Information Systems and Technologies* (pp. 312-323). SCITEPRESS. <https://doi.org/10.5220/0006301403120323>

Zhidanov, K., Bezzateev, S., Afanasyeva, A., Sayfullin, M., Vanurin, S., Bardinova, Y., & Ometov, A. (2019). Blockchain Technology for Smartphones and Constrained IoT Devices: A Future Perspective and Implementation. In J. Becker, O. Pastor, E. Kornysheva, V. O. Korepanov, O. A. Tsukanova, J. B. Albornoz, D. Fedyanin, V. N. Burkov, D. M. Nazarov, D. Novikov, R. Uskenbaeva, ... A. V. Shchepkin (Eds.), *21st IEEE Conference on Business Informatics, CBI 2019* (pp. 20-

27). [8808043] IEEE. <https://doi.org/10.1109/CBI.2019.10092>