

Deng S, Tong J, Lin Y, Li H, Liu Y. **Motivating scholars' responses in academic social networking sites: An empirical study on ResearchGate Q&A behavior.** INFORMATION PROCESSING AND MANAGEMENT. 2019 marras 1;56(6). 102082. <https://doi.org/10.1016/j.ipm.2019.102082>

Lwakatare LE, Kilamo T, Karvonen T, Sauvola T, Heikkilä V, Itkonen J et al. **DevOps in practice: A multiple case study of five companies.** Information and Software Technology. 2019 loka 1;114:217-230. <https://doi.org/10.1016/j.infsof.2019.06.010>

Arcelli Fontana F, Lenarduzzi V, Roveda R, Taibi D. **Are architectural smells independent from code smells? An empirical study.** Journal of Systems and Software. 2019 elo 1;154:139-156. <https://doi.org/10.1016/j.jss.2019.04.066>

Moltchanov D, Kovalchukov R, Gerasimenko M, Andreev S, Koucheryavy Y, Gerla M. **Socially inspired relaying and proactive mode selection in mmWave vehicular communications.** IEEE Internet of Things Journal. 2019 kesä 1;6(3):5172-5183. <https://doi.org/10.1109/JIOT.2019.2898420>

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

Linna P, Narra N, Grönman J. **Intelligent data service for farmers.** julkaisussa Skala K, Car Z, Pale P, Huljenic D, Janjic M, Koracic M, Struk V, Ribaric S, Grbac TG, Butkovic Z, Cicin-Sain M, Skvorc D, Mauher M, Babic S, Gros S, Vrdoljak B, Tijan E, toimittajat, 2019 42nd International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2019 - Proceedings. IEEE. 2019. s. 1072-1075 <https://doi.org/10.23919/MIPRO.2019.8756688>

Henno J, Jaakkola H, Mäkelä J. **Teaching for virtual work.** julkaisussa Skala K, Car Z, Pale P, Huljenic D, Janjic M, Koracic M, Struk V, Ribaric S, Grbac TG, Butkovic Z, Cicin-Sain M, Skvorc D, Mauher M, Babic S, Gros S, Vrdoljak B, Tijan E, toimittajat, 2019 42nd International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2019 - Proceedings. IEEE. 2019. s. 818-826 <https://doi.org/10.23919/MIPRO.2019.8756778>

Ometov A, Petrov V, Bezzateev S, Andreev S, Koucheryavy Y, Gerla M. **Challenges of Multi-Factor Authentication for Securing Advanced IoT Applications.** IEEE Network. 2019 maaliskuu 1;33(2):82-88. <https://doi.org/10.1109/MNET.2019.1800240>

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

Sievi-Korte O, Beecham S, Richardson I. **Challenges and recommended practices for software architecting in global software development.** Information and Software Technology. 2019 helmikuu 1;106:234-253. <https://doi.org/10.1016/j.infsof.2018.10.008>

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

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

Tavella F, Giaretta A, Dooley-Cullinane TM, Conti M, Coffey L, Balasubramaniam S. **DNA Molecular Storage System: Transferring Digitally Encoded Information through Bacterial Nanonetworks.** IEEE Transactions on Emerging Topics in Computing . 2019. <https://doi.org/10.1109/TETC.2019.2932685>

Dang D, Pekkola S. **Institutional Perspectives on the Process of Enterprise Architecture Adoption**. Information Systems Frontiers. 2019. <https://doi.org/10.1007/s10796-019-09944-8>

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

Changizi A, Lanz M. **The comfort zone concept in a human-robot cooperative task**. julkaisussa Precision Assembly in the Digital Age - 8th IFIP WG 5.5 International Precision Assembly Seminar, IPAS 2018, Revised Selected Papers. Vuosikerta 530. Springer New York LLC. 2019. s. 82-91. (IFIP Advances in Information and Communication Technology). [https://doi.org/10.1007/978-3-030-05931-6\\_8](https://doi.org/10.1007/978-3-030-05931-6_8)

Mahkonen K, Virtanen T, Kämäräinen J. **Cascade of Boolean detector combinations**. Eurasip Journal on Image and Video Processing. 2018 joulu;2018. 61. <https://doi.org/10.1186/s13640-018-0303-9>

Hautala I, Boutellier J, Nyländén T, Silvén O. **Toward Efficient Execution of RVC-CAL Dataflow Programs on Multicore Platforms**. Journal of Signal Processing Systems. 2018 marras;90(11):1507-1517. <https://doi.org/10.1007/s11265-018-1339-x>

Ma H, Yu S, Gabbouj M, Mueller P. **Guest Editorial Special Issue on Multimedia Big Data in Internet of Things**. IEEE Internet of Things Journal. 2018 loka;5(5):3405-3407. 8534720. <https://doi.org/10.1109/JIOT.2018.2875580>

Musa A, Ghoraie LS, Zhang SD, Glazko G, Yli-Harja O, Dehmer M et al. **A review of connectivity map and computational approaches in pharmacogenomics**. Briefings in Bioinformatics. 2018 touko 1;19(3):506-523. <https://doi.org/10.1093/bib/bbw112>

Paladi N, Michalas A, Dang HV. **Towards secure cloud orchestration for multi-cloud deployments**. julkaisussa CrossCloud 2018 - 5th Workshop on CrossCloud Infrastructures and Platforms, colocated with EuroSys 2018. ACM. 2018. a4 <https://doi.org/10.1145/3195870.3195874>

Salmimaa T, Hekkala R, Pekkola S. **Dynamic Activities for Managing an IS-Enabled Organizational Change**. Business and Information Systems Engineering. 2018 huhti 1;60(2):133-149. <https://doi.org/10.1007/s12599-018-0524-6>

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

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

Lenarduzzi V, Stan AC, Taibi D, Venters G, Windegger M. **Prioritizing corrective maintenance activities for android applications: An industrial case study on android crash reports**. julkaisussa Software Quality: Methods and Tools for Better Software and Systems - 10th International Conference, SWQD 2018, Proceedings. Springer-Verlag Berlin Heidelberg. 2018. s. 133-143. (Lecture Notes in Business Information Processing). [https://doi.org/10.1007/978-3-319-71440-0\\_8](https://doi.org/10.1007/978-3-319-71440-0_8)

Masek P, Mokrov E, Zeman K, Ponomarenko-Timofeev A, Pyattaev A, Nesterov S et al. **A Practical Perspective on 5G-Ready Highly Dynamic Spectrum Management with LSA**. Wireless Communications and Mobile Computing. 2018;2018. 2103868. <https://doi.org/10.1155/2018/2103868>

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

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

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

Valmari A, Vogler W. **Fair testing and stubborn sets**. *International Journal on Software Tools for Technology Transfer*. 2018;589-610. <https://doi.org/10.1007/s10009-017-0481-2>

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

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

Aldaya AC, Brumley BB, Sarmiento AJC, Sánchez-Solano S. **Memory Tampering Attack on Binary GCD Based Inversion Algorithms**. *International Journal of Parallel Programming*. 2018;1-20. <https://doi.org/10.1007/s10766-018-0610-x>

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

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

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

Taibi D, Janes A, Lenarduzzi V. **How developers perceive smells in source code: A replicated study**. *Information and Software Technology*. 2017 joulu 1;92:223-235. <https://doi.org/10.1016/j.infsof.2017.08.008>

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

Koivumäki J, Mattila J. **Adaptive and nonlinear control of discharge pressure for variable displacement axial piston pumps**. *Journal of Dynamic Systems, Measurement and Control: Transactions of the ASME*. 2017 loka 1;139(10). 101008. <https://doi.org/10.1115/1.4036537>

Gallidabino A, Pautasso C, Mikkonen T, Systä K, Voutilainen J-P, Taivalsaari A. **Architecting liquid software**. *Journal of Web Engineering*. 2017 syys 1;16(5-6):433-470. <https://doi.org/10.26421/JWE16.5-6>

Henno J, Jaakkola H, Mäkelä J. **Developing curiosity and multimedia skills with programming experiments**. julkaisussa 2017 40th International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2017 - Proceedings. IEEE. 2017. s. 694-699 <https://doi.org/10.23919/MIPRO.2017.7973512>

Linna P, Mäkinen T, Yrjönkoski K. **Open data based value networks: Finnish examples of public events and agriculture**. julkaisussa 2017 40th International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2017 - Proceedings. IEEE. 2017. s. 1448-1453 <https://doi.org/10.23919/MIPRO.2017.7973649>

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

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

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

Ellervee P, Nurmi J. **Guest Editorial: Implementation Issues in System-on-Chip**. Journal of Signal Processing Systems. 2017 kesä 1;87(3):269-270. <https://doi.org/10.1007/s11265-017-1242-x>

Hamari J, Keronen L. **Why do people play games? A meta-analysis**. International Journal of Information Management. 2017 kesä 1;37(3):125-141. <https://doi.org/10.1016/j.ijinfomgt.2017.01.006>

Bordallo López M, Nieto A, Boutellier J, Hannuksela J, Silvén O. **Evaluation of real-time LBP computing in multiple architectures**. Journal of Real-Time Image Processing. 2017 kesä;13(2). <https://doi.org/10.1007/s11554-014-0410-5>

Hussain W, Hoffmann H, Ahonen T, Nurmi J. **Power Mitigation by Performance Equalization in a Heterogeneous Reconfigurable Multicore Architecture**. Journal of Signal Processing Systems. 2017 kesä;87(3):287-297. <https://doi.org/10.1007/s11265-016-1142-5>

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

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

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

Marshoud H, Sofotasios PC, Muhaidat S, Karagiannidis GK. **Multi-user techniques in visible light communications: A survey**. julkaisussa 2016 International Conference on Advanced Communication Systems and Information Security, ACOSIS 2016 - Proceedings. IEEE. 2017 <https://doi.org/10.1109/ACOSIS.2016.7843945>

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

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

Blattner T, Keyrouz W, Bhattacharyya SS, Halem M, Brady M. **A Hybrid Task Graph Scheduler for High Performance Image Processing Workflows**. Journal of Signal Processing Systems. 2017;89(3):457-467. <https://doi.org/10.1007/s11265-017-1262-6>

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

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

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

Boutellier J, Nyländen T. **Design Flow for GPU and Multicore Execution of Dynamic Dataflow Programs.** Journal of Signal Processing Systems. 2017;89(3):469-478. <https://doi.org/10.1007/s11265-017-1260-8>

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

Dang D. **Enterprise architecture institutionalization: A tale of two cases.** julkaisussa Proceedings of the 25th European Conference on Information Systems, ECIS 2017. Association for Information Systems. 2017. s. 842-857

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

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

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

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

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

Li K, Ghazi A, Tarver C, Boutellier J, Abdelaziz M, Anttila L et al. **Parallel Digital Predistortion Design on Mobile GPU and Embedded Multicore CPU for Mobile Transmitters.** Journal of Signal Processing Systems. 2017;89(3):417-430. <https://doi.org/10.1007/s11265-017-1233-y>

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

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

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

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

Mäkinen S, Leppänen M, Kilamo T, Mattila A-L, Laukkanen E, Pagels M et al. **Improving the delivery cycle: A multiple-case study of the toolchains in Finnish software intensive enterprises.** Information and Software Technology. 2016 joulu 1;80:1339-1351. <https://doi.org/10.1016/j.infsof.2016.09.001>

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

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

Devillers R, Valmari A, Penczek W. **Application and theory of Petri nets and other models of concurrency: Special issue of selected papers from Petri Nets 2015.** Fundamenta Informaticae. 2016 syys 13;146(1):v-vi. <https://doi.org/10.3233/FI-2016-1373>

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

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

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

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

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

Linna P, Mäkinen T, Keto H. **Utilizing MOOCs in the development of education and training programs.** julkaisussa 2016 39th International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2016 - Proceedings. 2016. s. 861-864 <https://doi.org/10.1109/MIPRO.2016.7522260>

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

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

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

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

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

Hyrnsalmi S, Suominen A, Mäntymäki M. **The influence of developer multi-homing on competition between software ecosystems.** Journal of Systems and Software. 2016 tammi 1;111:119-127. <https://doi.org/10.1016/j.jss.2015.08.053>

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

Canelas P, Martins L, Mora A, S. Ribeiro A, Fonseca J. **An image generator platform to improve cell tracking algorithms simulation of objects of various morphologies, kinetics and clustering.** julkaisussa SIMULTECH 2016 - Proceedings of the 6th International Conference on Simulation and Modeling Methodologies, Technologies and Applications. SCITEPRESS. 2016. s. 44-55

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

Tohka J, Moradi E, Huttunen H, Alzheimer's Disease Neuroimaging Initiative, Alzheimer's Disease Neuroimaging Initiative 2. **Comparison of Feature Selection Techniques in Machine Learning for Anatomical Brain MRI in Dementia.** Neuroinformatics. 2016;14(3):279-296. <https://doi.org/10.1007/s12021-015-9292-3>

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

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

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

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

Iosifidis A, Tefas A, Pitas I. **Graph Embedded Extreme Learning Machine.** IEEE Transactions on Cybernetics. 2016;46(1):311 - 324. <https://doi.org/10.1109/TCYB.2015.2401973>

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

Chukhman I, Jiao Y, Salem HB, Bhattacharyya SS. **Instrumentation-Driven Validation of Dataflow Applications**. Journal of Signal Processing Systems. 2016;84(3):383–397. <https://doi.org/10.1007/s11265-015-1073-6>

Hokkanen L, Kuusinen K, Väänänen K. **Minimum viable user experience: A framework for supporting product design in startups**. julkaisussa Agile Processes, in Software Engineering, and Extreme Programming: 17th International Conference, XP 2016, Edinburgh, UK, May 24-27, 2016, Proceedings. Springer Verlag. 2016. s. 66-78. (Lecture Notes in Business Information Processing). [https://doi.org/10.1007/978-3-319-33515-5\\_6](https://doi.org/10.1007/978-3-319-33515-5_6)

Väättäjä H, Heimonen T, Tiitinen K, Hakulinen J, Turunen M, Nieminen H et al. **Opportunities and needs for logged usage data analytics of complex industrial systems**. julkaisussa 24th European Conference on Information Systems, ECIS 2016. Association for Information Systems. 2016

Vihervaara J, Loula P, Tuominen T. **Performance gains from web performance optimization: Case including the optimization of webpage resources in a comprehensive way**. julkaisussa WEBIST 2016 - Proceedings of the 12th International Conference on Web Information Systems and Technologies: Rome, Italy; 23 April 2016 through 25 April 2016. SCITEPRESS. 2016. s. 188-193

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

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

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

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

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

Mäki-Lohiluoma P, Hellsten P, Pekkola S. **Why do we need this? Roles in the information system acquisition legitimization process**. julkaisussa 24th European Conference on Information Systems, ECIS 2016: Boğaziçi University in Istanbul, Turkey, June 12-15. Association for Information Systems. 2016

Irofti P, Dumitrescu B. **Cosparse dictionary learning for the orthogonal case**. julkaisussa 2015 19th International Conference on System Theory, Control and Computing, ICSTCC 2015 - Joint Conference SINTES 19, SACCS 15, SIMSIS 19. IEEE. 2015. s. 343-347 <https://doi.org/10.1109/ICSTCC.2015.7321317>

Harviainen JT, Hamari J. **Seek, share, or withhold: information trading in MMORPGs**. JOURNAL OF DOCUMENTATION. 2015 loka 12;71(6):1119-1134. <https://doi.org/10.1108/JD-09-2014-0135>



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

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

Hamari J, Koivisto J. **Why do people use gamification services?** International Journal of Information Management. 2015 elo 1;35(4):419-431. <https://doi.org/10.1016/j.ijinfomgt.2015.04.006>

Sheikh MU, Sae J, Lempiäinen J. **Evaluation of SPMA and higher order sectorization for homogeneous SIR through macro sites.** Wireless Networks. 2015 heinä 16;21(6). <https://doi.org/10.1007/s11276-015-1019-8>

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

Ho-Van K, Sofotasios PC, Alexandropoulos GC, Freear S. **Bit error rate of underlay decode-and-forward cognitive networks with best relay selection.** Journal of Communications and Networks. 2015 huhti 1;17(2):162-171.  
<https://doi.org/10.1109/JCN.2015.000030>

Höynälänmaa T. **Multiresolution analysis for compactly supported interpolating tensor product wavelets.** International Journal of Wavelets Multiresolution and Information Processing. 2015 maaliskuu 6;13(2). 1550010.  
<https://doi.org/10.1142/S0219691315500101>

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

Hukkanen J, Astola P, Tabus I. **Lossless compression of regions-of-interest from retinal images.** julkaisussa EUVIP 2014 - 5th European Workshop on Visual Information Processing. The Institute of Electrical and Electronics Engineers, Inc. 2015  
<https://doi.org/10.1109/EUVIP.2014.7018394>

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

Hasan M, Hossain E, Balasubramaniam S, Koucheryavy Y. **Social behavior in bacterial nanonetworks: Challenges and opportunities.** IEEE Network. 2015 tammi 1;29(1):26-34. 7018200. <https://doi.org/10.1109/MNET.2015.7018200>

Väätäjä H. **Characterizing Context of Use in Mobile Work.** julkaisussa Proceedings of Human Work Interaction Design HWID, IFIP TC 13.6 working group. University of West London. 2015. 14

Mantilla RMF, Nieto Lee A, Lastra JLM. **Definition of key performance indicators for energy efficient assessment in the transport sector.** julkaisussa SMARTGREENS 2015 - 4th International Conference on Smart Cities and Green ICT Systems, Proceedings. SCITEPRESS. 2015. s. 78-82

Vepsäläinen T, Kuikka S. **Design Patterns for Model-Driven Development**. Communications in Computer and Information Science. 2015;555:21-38. [https://doi.org/10.1007/978-3-319-25579-8\\_2](https://doi.org/10.1007/978-3-319-25579-8_2)

Lenarduzzi V, Lunesu I, Matta M, Taibi D. **Functional size measures and effort estimation in agile development: A replicated study**. julkaisussa Agile Processes, in Software Engineering, and Extreme Programming - 16th International Conference, XP 2015, Proceedings. Vuosikerta 212. Springer-Verlag Berlin Heidelberg. 2015. s. 105-116. (Lecture Notes in Business Information Processing). [https://doi.org/10.1007/978-3-319-18612-2\\_9](https://doi.org/10.1007/978-3-319-18612-2_9)

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

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

Mantilla R. MF, Nieto Lee A, Lastra JLM, Kotakorpi E. **Methodology for energy efficiency assessment in the transport sector for smart cities**. julkaisussa SMARTGREENS 2015 - 4th International Conference on Smart Cities and Green ICT Systems, Proceedings. SCITEPRESS. 2015. s. 72-77

Valmari A. **On constructibility and unconstructibility of LTS operators from other LTS operators**. Acta Informatica. 2015;52(2-3):207-234. <https://doi.org/10.1007/s00236-015-0217-2>

Mantilla R. MF, Nieto Lee A, Lastra JLM. **Parameters affecting the energy performance of the transport sector in smart cities**. julkaisussa SMARTGREENS 2015 - 4th International Conference on Smart Cities and Green ICT Systems, Proceedings. SCITEPRESS. 2015. s. 83-88

Lu W, Nummenmaa J, Zhang Z. **Passive condition pre-enforcement for rights exporting**. julkaisussa Perspectives in Business Informatics Research - 14th International Conference, BIR 2015, Proceedings. Vuosikerta 229. Springer Verlag. 2015. s. 241-254. (Lecture Notes in Business Information Processing). [https://doi.org/10.1007/978-3-319-21915-8\\_16](https://doi.org/10.1007/978-3-319-21915-8_16)

Väätäjä H. **Perceived Impacts as User Experience Components in Mobile News Making with Smartphones**. julkaisussa Lumsden J, toimittaja, Emerging Perspectives on the Design, Use, and Evaluation of Mobile and Handheld Devices. IGI Global. 2015. s. 218-238 <https://doi.org/10.4018/978-1-4666-8583-3>

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

Väätäjä H, Heimonen T, Tiitinen K, Hakulinen J, Turunen M. **Supplier's Expectations on Usage Data Analytics of Complex Industrial Systems**. julkaisussa Huizingh E, Conn S, Bitran I, toimittajat, ISPIM Innovation Summit 2015. International Society for Professional Innovation Management ISPIM. 2015

Varsaluoma J, Väätäjä H, Kaasinen E, Karvonen H, Lu Y. **The Fuzzy Front End of Experience Design: Eliciting and Communicating Experience Goals**. julkaisussa OzCHI '15 - Proceedings of the Annual Meeting of the Australian Special Interest Group for Computer Human Interaction . ACM. 2015. s. 324-332 <https://doi.org/10.1145/2838739.2838761>

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

Hokkanen L, Väänänen-Vainio-Mattila K. **UX work in startups: Current practices and future needs**. julkaisussa Agile Processes in Software Engineering and Extreme Programming: 16th International Conference, XP 2015, Helsinki, Finland, May 25-29, 2015, Proceedings. Vuosikerta 212. Springer Verlag. 2015. s. 81-92. (Lecture Notes in Business Information Processing). [https://doi.org/10.1007/978-3-319-18612-2\\_7](https://doi.org/10.1007/978-3-319-18612-2_7)

Hyrynsalmi S, Seppänen M, Nokkala T, Suominen A, Järvi A. **Wealthy, healthy and/or happy —what does 'ecosystem health' stand for?** julkaisussa 6th International Conference on Software Business, ICSOB 2015; Braga; Portugal; 10 June 2015 through 12 June 2015. Vuosikerta 210. Springer Verlag. 2015. s. 272-287. (Lecture Notes in Business Information Processing). [https://doi.org/10.1007/978-3-319-19593-3\\_24](https://doi.org/10.1007/978-3-319-19593-3_24)

Hamari J. **Why do people buy virtual goods? Attitude toward virtual good purchases versus game enjoyment.** International Journal of Information Management. 2015;35(3):299-308. <https://doi.org/10.1016/j.ijinfomgt.2015.01.007>

Vihavainen A, Luukkainen M, Ihantola P. **Analysis of source code snapshot granularity levels.** julkaisussa SIGITE 2014 - Proceedings of the 15th Annual Conference on Information Technology Education. Association for Computing Machinery, Inc. 2014. s. 21-26 <https://doi.org/10.1145/2656450.2656473>

Ihantola P, Sorva J, Vihavainen A. **Automatically detectable indicators of programming assignment difficulty.** julkaisussa SIGITE 2014 - Proceedings of the 15th Annual Conference on Information Technology Education. Association for Computing Machinery, Inc. 2014. s. 33-38 <https://doi.org/10.1145/2656450.2656476>

Kumpulainen S. **Trails across the heterogeneous information environment: Manual integration patterns of search systems in molecular medicine.** JOURNAL OF DOCUMENTATION. 2014 syys 2;70(5):856-877. <https://doi.org/10.1108/JD-06-2013-0082>

Hu S, Jin L, Kuo C-CJ. **Compressed video quality assessment with modified MSE.** julkaisussa 2014 Asia-Pacific Signal and Information Processing Association Annual Summit and Conference, APSIPA 2014. The Institute of Electrical and Electronics Engineers, Inc. 2014 <https://doi.org/10.1109/APSIPA.2014.7041643>

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

Heulot J, Pelcat M, Nezan JF, Oliva Y, Aridhi S, Bhattacharyya SS. **Just-in-time scheduling techniques for multicore signal processing systems.** julkaisussa 2014 IEEE Global Conference on Signal and Information Processing, GlobalSIP 2014. Institute of Electrical and Electronics Engineers Inc. 2014. s. 25-29. 7032071 <https://doi.org/10.1109/GlobalSIP.2014.7032071>

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

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

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

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

McAllister J, Guevorkian D, Jeschke H, Sima M. **Special Issue on Embedded Computer Systems: Architectures, Modeling and Simulation.** International Journal of Parallel Programming. 2014;43(1). <https://doi.org/10.1007/s10766-014-0321-x>

Meskill B, Balasubramaniam S, Brennan R, Feeney K, Jennings B. **Federation lifecycle management incorporating coordination of bio-inspired self-management processes.** JOURNAL OF NETWORK AND SYSTEMS MANAGEMENT. 2013 joulu;21(4):650-676. <https://doi.org/10.1007/s10922-013-9263-7>

Dander A, Mueller LAJ, Gallasch R, Pabinger S, Emmert-Streib F, Graber A et al. **[COMMODE] a large-scale database of molecular descriptors using compounds from PubChem**. Source Code for Biology and Medicine. 2013 marras 13;8. 22. <https://doi.org/10.1186/1751-0473-8-22>

Boutellier J, Silvén O. **Towards generic embedded multiprocessing for RVC-CAL dataflow programs**. Journal of Signal Processing Systems. 2013 marras;73(2):137-142. <https://doi.org/10.1007/s11265-013-0737-3>

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

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

Boutellier J, Raulet M, Silvén O. **Automatic hierarchical discovery of quasi-static schedules of RVC-CAL dataflow programs**. Journal of Signal Processing Systems. 2013;71(1):35-40. <https://doi.org/10.1007/s11265-012-0676-4>

Iosifidis A, Tefas A, Pitas I. **Multidimensional sequence classification based on fuzzy distances and discriminant analysis**. IEEE Transactions on Knowledge and Data Engineering. 2013;25(11):2564-2575. <https://doi.org/10.1109/TKDE.2012.223>

Iosifidis A, Tefas A, Pitas I. **Multi-view human action recognition: A survey**. julkaisussa Proceedings - 2013 9th International Conference on Intelligent Information Hiding and Multimedia Signal Processing, IIH-MSP 2013. IEEE COMPUTER SOCIETY PRESS. 2013. s. 522-525 <https://doi.org/10.1109/IIH-MSP.2013.135>

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

Iosifidis A, Tefas A, Pitas I. **Representative class vector clustering-based discriminant analysis**. julkaisussa Proceedings - 2013 9th International Conference on Intelligent Information Hiding and Multimedia Signal Processing, IIH-MSP 2013. IEEE COMPUTER SOCIETY PRESS. 2013. s. 526-529 <https://doi.org/10.1109/IIH-MSP.2013.136>

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

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

Lu W, Zhang Z, Nummenmaa J. **Characterizing trustworthy digital rights exporting**. julkaisussa Perspectives in Business Informatics Research - 11th International Conference, BIR 2012, Proceedings. Vuosikerta 128 LNBIP. Springer Verlag. 2012. s. 85-95. (Lecture Notes in Business Information Processing). [https://doi.org/10.1007/978-3-642-33281-4\\_7](https://doi.org/10.1007/978-3-642-33281-4_7)

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

Alam MH, Ha JW, Lee SK. **Novel approaches to crawling important pages early**. Knowledge and Information Systems. 2012;33(3):707-734. <https://doi.org/10.1007/s10115-012-0535-4>

Jin L, Cho S, Liu TJ, Egiazarian K, Kuo CCJ. **Performance Comparison of Decision Fusion Strategies in BMMF-based Image Quality Assessment.** julkaisussa 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. 2012. s. 1-4. 6411938. (Asia-Pacific Signal and Information Processing Association Annual Summit and Conference).

Hyrnsalmi S, Suominen A, Mäkilä T, Järvi A, Knuutila T. **Revenue models of application developers in android market ecosystem.** julkaisussa Software Business - Third International Conference, ICSOB 2012, Proceedings. Springer Verlag. 2012. s. 209-222. (Lecture Notes in Business Information Processing). [https://doi.org/10.1007/978-3-642-30746-1\\_17](https://doi.org/10.1007/978-3-642-30746-1_17)

Nanavati AA, Rajput N, Rudnicky AI, Turunen M, Sandholm T, Munteanu C et al. **SiMPE: 7th Workshop on speech and sound in mobile and pervasive environments.** julkaisussa MobileHCI'12 - Companion Proceedings of the 14th International Conference on Human Computer Interaction with Mobile Devices and Services. 2012. s. 251-253 <https://doi.org/10.1145/2371664.2371727>

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

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

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

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

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

Boutellier J, Lucarz C, Lafond S, Gomez VM, Mattavelli M. **Quasi-static scheduling of CAL actor networks for reconfigurable video coding.** Journal of Signal Processing Systems. 2011 touko;63(2):191-202. <https://doi.org/10.1007/s11265-009-0389-5>

Gu R, Janneck JW, Raulet M, Bhattacharyya SS. **Exploiting statically schedulable regions in dataflow programs.** Journal of Signal Processing Systems. 2011 huhti;63(1):129-142. <https://doi.org/10.1007/s11265-009-0445-1>

Evreinova TV, Evreinov G, Raisamo R. **Estimating topographic heights with the StickGrip haptic device.** julkaisussa 2011 Federated Conference on Computer Science and Information Systems, FedCSIS 2011. 2011. s. 691-697. 6078307

Evreinova TV, Evreinov G, Raisamo R. **Interpretation of ambiguous images inspected by the StickGrip device.** julkaisussa 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. 2011. s. 209-216

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

Lavazza L, Morasca S, Taibi D, Tosi D. **OP2A: How to improve the quality of the web portal of open source software products.** julkaisussa Web Information Systems and Technologies - 7th International Conference, WEBIST 2011, Revised Selected Papers. Springer Verlag. 2011. s. 149-162. (Lecture Notes in Business Information Processing). <https://doi.org/10.1007/978-3-642-28082-5-11>

Isitan K, Nummenmaa T, Berki E. **Openness as a method for game evolution.** julkaisussa 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. 2011. s. 100-104

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

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

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

Thanisch P, Niemi T, Niinimäki M, Nummenmaa J. **Using the entity-attribute-value model for olap cube construction.** julkaisussa Perspectives in Business Informatics Research - 10th International Conference, BIR 2011, Proceedings. Vuosikerta 90 LNBIP. Springer Verlag. 2011. s. 59-72. (Lecture Notes in Business Information Processing). [https://doi.org/10.1007/978-3-642-24511-4\\_5](https://doi.org/10.1007/978-3-642-24511-4_5)

Lavazza L, Morasca S, Taibi D, Tosi D. **Applying SCRUM in an OSS development process: An empirical evaluation.** julkaisussa Agile Processes in Software Engineering and Extreme Programming - 11th International Conference, XP 2010, Proceedings. Vuosikerta 48 LNBIP. Springer Verlag. 2010. s. 147-159. (Lecture Notes in Business Information Processing). [https://doi.org/10.1007/978-3-642-13054-0\\_11](https://doi.org/10.1007/978-3-642-13054-0_11)

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

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

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