

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

Korpi, Dani ; Riihonen, Taneli ; Valkama, Mikko. / **Achievable rate regions and self-interference channel estimation in hybrid full-duplex/half-duplex radio links**. 2015 49th Annual Conference on Information Sciences and Systems, CISS 2015. The Institute of Electrical and Electronics Engineers, Inc., 2015.

Aldawood, Sarah ; Fowley, Frank ; Pahl, Claus ; Taibi, Davide ; Liu, Xiaodong. / **A coordination-based brokerage architecture for multi-cloud resource markets**. Proceedings - 2016 4th International Conference on Future Internet of Things and Cloud Workshops, W-FiCloud 2016. Institute of Electrical and Electronics Engineers Inc., 2016. pp. 7-14

Mäkitalo, Niko ; Aaltonen, Timo ; Raatikainen, Mikko ; Ometov, Aleksandr ; Andreev, Sergey ; Koucheryavy, Yevgeni ; Mikkonen, Tommi. / **Action-Oriented Programming Model : Collective Executions and Interactions in the Fog**. In: Journal of Systems and Software. 2019 ; Vol. 157.

Koivumäki, Janne ; Mattila, Jouni. / **Adaptive and nonlinear control of discharge pressure for variable displacement axial piston pumps**. In: Journal of Dynamic Systems, Measurement and Control: Transactions of the ASME. 2017 ; Vol. 139, No. 10.

Lenarduzzi, Valentina ; Stan, Alexandru Cristian ; Taibi, Davide ; Tosi, Davide ; Venters, Gustavs. / **A dynamical quality model to continuously monitor software maintenance**. Proceedings of the 11th European Conference on Information Systems Management, ECISM 2017. Academic Conferences and Publishing International Limited, 2017. pp. 168-178

Blattner, Timothy ; Keyrouz, Walid ; Bhattacharyya, Shuvra S. ; Halem, Milton ; Brady, Mary. / **A Hybrid Task Graph Scheduler for High Performance Image Processing Workflows**. In: Journal of Signal Processing Systems. 2017 ; Vol. 89, No. 3. pp. 457-467.

Al-Ars, Zaid ; van der Vlugt, Steven ; Jääskeläinen, Pekka ; van der Linden, Frank. / **ALMARVI System Solution for Image and Video Processing in Healthcare, Surveillance and Mobile Applications**. In: Journal of Signal Processing Systems. 2019 ; Vol. 91, No. 1. pp. 1-7.

Mtebe, Joel S. ; Raisamo, Roope. / **A model for assessing learning management system success in higher education in sub-saharan Countries**. In: ELECTRONIC JOURNAL OF INFORMATION SYSTEMS IN DEVELOPING COUNTRIES. 2014 ; Vol. 61, No. 1.

San Juan Sebastián, Pablo ; Virtanen, Tuomas ; Garcia-Molla, Victor M. ; Vidal, Antonio M. / **Analysis of an efficient parallel implementation of active-set Newton algorithm**. In: Journal of Supercomputing. 2019 ; Vol. 75, No. 3. pp. 1298-1309.

Vihavainen, Arto ; Luukkainen, Matti ; Ihantola, Petri. / **Analysis of source code snapshot granularity levels**. SIGITE 2014 - Proceedings of the 15th Annual Conference on Information Technology Education. Association for Computing Machinery, Inc, 2014. pp. 21-26

Evreinova, Tatiana V. ; Evreinov, Grigori ; Raisamo, Roope. / **An evaluation of the virtual curvature with the StickGrip haptic device : A case study**. In: UNIVERSAL ACCESS IN THE INFORMATION SOCIETY. 2013 ; Vol. 12, No. 2. pp. 161-173.

Canelas, Pedro ; Martins, Leonardo ; Mora, André ; S. Ribeiro, Andre ; Fonseca, José. / **An image generator platform to improve cell tracking algorithms simulation of objects of various morphologies, kinetics and clustering**. SIMULTECH 2016 - Proceedings of the 6th International Conference on Simulation and Modeling Methodologies, Technologies and Applications. SCITEPRESS, 2016. pp. 44-55

Ruohonen, Jukka ; Scepanovic, Sanja ; Hyrynsalmi, Sami ; Mishkovski, Igor ; Aura, Tuomas ; Leppänen, Ville. / **A post-mortem empirical investigation of the popularity and distribution of malware files in the contemporary web-facing internet**. Proceedings - 2016 European Intelligence and Security Informatics Conference, EISIC 2016 : : 7th European Intelligence and Security Informatics Conference, Uppsala; Sweden; 17 - 19 August 2016.. editor / J. Brynielsson ; F. Johansson . IEEE, 2017. pp. 144-147

Devillers, Raymond ; Valmari, Antti ; Penczek, Wojciech. / **Application and theory of Petri nets and other models of concurrency : Special issue of selected papers from Petri Nets 2015**. In: Fundamenta Informaticae. 2016 ; Vol. 146, No. 1. pp. v-vi.

Lavazza, Luigi ; Morasca, Sandro ; Taibi, Davide ; Tosi, Davide. / **Applying SCRUM in an OSS development process : An empirical evaluation**. Agile Processes in Software Engineering and Extreme Programming - 11th International Conference, XP 2010, Proceedings. Vol. 48 LNBIP Springer Verlag, 2010. pp. 147-159 (Lecture Notes in Business Information Processing).

Masek, Pavel ; Mokrov, Evgeny ; Zeman, Krystof ; Ponomarenko-Timofeev, Aleksey ; Pyattaev, Alexander ; Nesterov, Sergey ; Andreev, Sergey ; Hosek, Jiri ; Samouylov, Konstantin ; Koucheryavy, Yevgeni. / **A Practical Perspective on 5G-Ready Highly Dynamic Spectrum Management with LSA**. In: Wireless Communications and Mobile Computing. 2018 ; Vol. 2018.

Gallidabino, Andrea ; Pautasso, Cesare ; Mikkonen, Tommi ; Systä, Kari ; Voutilainen, Jari-Pekka ; Taivalsaari, Antero. / **Architecting liquid software**. In: Journal of Web Engineering. 2017 ; Vol. 16, No. 5-6. pp. 433-470.

Arcelli Fontana, Francesca ; Lenarduzzi, Valentina ; Roveda, Riccardo ; Taibi, Davide. / **Are architectural smells independent from code smells? An empirical study**. In: Journal of Systems and Software. 2019 ; Vol. 154. pp. 139-156.

Musa, Aliyu ; Ghorai, Laleh Soltan ; Zhang, Shu Dong ; Glazko, Galina ; Yli-Harja, Olli ; Dehmer, Matthias ; Haibe-Kains, Benjamin ; Emmert-Streib, Frank. / **A review of connectivity map and computational approaches in pharmacogenomics**. In: Briefings in Bioinformatics. 2018 ; Vol. 19, No. 3. pp. 506-523.

Jaakkola, H. ; Henno, J. ; Mäkelä, J. ; Thalheim, B. / **Artificial intelligence yesterday, today and tomorrow**. 2019 42nd International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2019 - Proceedings. editor / Karolj Skala ; Zeljka Car ; Predrag Pale ; Darko Huljenic ; Matej Janjic ; Marko Koracic ; Vlado Struk ; Slobodan Ribaric ; Tihana Galinac Grbac ; Zeljko Butkovic ; Marina Cicin-Sain ; Dejan Skvorc ; Mladen Mauher ; Snjezana Babic ; Stjepan Gros ; Boris Vrdoljak ; Edvard Tijan. IEEE, 2019. pp. 860-867

Korpi, Dani ; Anttila, Lauri ; Valkama, Mikko. / **Asymmetric full-duplex with contiguous downlink carrier aggregation**. 2016 IEEE 17th International Workshop on Signal Processing Advances in Wireless Communications (SPAWC). IEEE, 2016.

Ihantola, Petri ; Sorva, Juha ; Vihavainen, Arto. / **Automatically detectable indicators of programming assignment difficulty**. SIGITE 2014 - Proceedings of the 15th Annual Conference on Information Technology Education. Association for Computing Machinery, Inc, 2014. pp. 33-38

Boutellier, Jani ; Raulet, Mickaël ; Silvén, Olli. / **Automatic hierarchical discovery of quasi-static schedules of RVC-CAL dataflow programs**. In: Journal of Signal Processing Systems. 2013 ; Vol. 71, No. 1. pp. 35-40.

Kumpulainen, Sanna ; Järvelin, Kalervo. / **Barriers to task-based information access in molecular medicine**. In: JOURNAL OF THE ASSOCIATION FOR INFORMATION SCIENCE AND TECHNOLOGY. 2012 ; Vol. 63, No. 1. pp. 86-97.

Ho-Van, Khuong ; Sofotasios, Paschalis C. ; Alexandropoulos, George C. ; Freear, Steven. / **Bit error rate of underlay decode-and-forward cognitive networks with best relay selection**. In: Journal of Communications and Networks. 2015 ; Vol. 17, No. 2. pp. 162-171.

Zhidanov, Konstantin ; Bezzateev, Sergey ; Afanasyeva, Alexandra ; Sayfullin, Mikhail ; Vanurin, Sergey ; Bardinova, Yulia ; Ometov, Aleksandr. / **Blockchain Technology for Smartphones and Constrained IoT Devices : A Future Perspective and Implementation**. 21st IEEE Conference on Business Informatics, CBI 2019. editor / Jorg Becker ; Oscar Pastor ; Elena

Kornysheva ; V. O. Korepanov ; Olga A. Tsukanova ; Judith Barrios Albornoz ; D. Fedyanin ; V.N. Burkov ; Dmitry M. Nazarov ; Dmitriy Novikov ; Raisa Uskenbaeva ; A V. Shchepkin. IEEE, 2019. pp. 20-27

Kekäläinen, Jaana ; Arvola, Paavo ; Kumpulainen, Sanna. / **Browsing patterns in retrieved documents**. Proceedings of the 5th Information Interaction in Context Symposium, IliX 2014. Association for Computing Machinery, 2014. pp. 299-302

Jussila, Jari ; Helander, Nina ; Lehtonen, Timo ; Kallio, Julius ; Sillanpää, Virpi . / **Can e-government solutions enhance the work in municipalities?: empirical evidence from case lupapiste**. AcademicMindtrek '16: Proceedings of the 20th International Academic Mindtrek Conference: Oct. 17th-19th, 2016. ACM, 2016. pp. 20-25

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

Mahkonen, Katariina ; Virtanen, Tuomas ; Kämäräinen, Joni. / **Cascade of Boolean detector combinations**. In: Eurasip Journal on Image and Video Processing. 2018 ; Vol. 2018.

Sievi-Korte, Outi ; Beecham, Sarah ; Richardson, Ita. / **Challenges and recommended practices for software architecting in global software development**. In: Information and Software Technology. 2019 ; Vol. 106. pp. 234-253.

Ometov, Aleksandr ; Petrov, Vitaly ; Bezzateev, Sergey ; Andreev, Sergey ; Koucheryavy, Yevgeni ; Gerla, Mario. / **Challenges of Multi-Factor Authentication for Securing Advanced IoT Applications**. In: IEEE Network. 2019 ; Vol. 33, No. 2. pp. 82-88.

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

Lu, Wenhui ; Zhang, Zheyang ; Nummenmaa, Jyrki. / **Characterizing trustworthy digital rights exporting**. Perspectives in Business Informatics Research - 11th International Conference, BIR 2012, Proceedings. Vol. 128 LNBIP Springer Verlag, 2012. pp. 85-95 (Lecture Notes in Business Information Processing).

Joutsijoki, Henry ; Rasku, Jyrki ; Haponen, Markus ; Baldin, Ivan ; Gizatdinova, Yulia ; Paci, Michelangelo ; Saarikoski, Jyri ; Varpa, Kirsi ; Siirtola, Harri ; Ávalos-Salguero, Jorge ; Iltanen, Kati ; Laurikkala, Jorma ; Penttinen, Kirsi ; Hyttinen, Jari ; Aalto-Setälä, Katriina ; Juhola, Martti. / **Classification of iPSC colony images using hierarchical strategies with support vector machines**. 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. pp. 86-92

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

Dander, Andreas ; Mueller, Laurin A J ; Gallasch, Ralf ; Pabinger, Stephan ; Emmert-Streib, Frank ; Graber, Armin ; Dehmer, Matthias. / **[COMMODE] a large-scale database of molecular descriptors using compounds from PubChem**. In: Source Code for Biology and Medicine. 2013 ; Vol. 8.

Taibi, Davide ; Lenarduzzi, Valentina ; Janes, Andrea ; Liukkunen, Kari ; Ahmad, Muhammad Ovais. / **Comparing requirements decomposition within the Scrum, Scrum with Kanban, XP, and Banana development processes**. Agile Processes in Software Engineering and Extreme Programming - 18th International Conference, XP 2017, Proceedings. Springer Verlag, 2017. pp. 68-83 (Lecture Notes in Business Information Processing).

Tohka, Jussi ; Moradi, Elaheh ; Huttunen, Heikki ; 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**. In: Neuroinformatics. 2016 ; Vol. 14, No. 3. pp. 279-296.

Niutanen, Valtteri ; Hölttä-Otto, Katja ; Rahardjo, Anindhikaputra ; Stowe, Harold Mike ; Helo, Petri ; Pulkkinen, Antti. / **Complex elevator system DSM-case for a DSM design sprint**. Understand, Innovate, and Manage your Complex System! - Proceedings of the 19th International DSM Conference. The Design Society, 2017. pp. 259-264

Hu, Sudeng ; Jin, Lina ; Kuo, C.-C. Jay. / **Compressed video quality assessment with modified MSE**. 2014 Asia-Pacific Signal and Information Processing Association Annual Summit and Conference, APSIPA 2014. The Institute of Electrical and Electronics Engineers, Inc., 2014.

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

Pokorny, Jiri ; Ometov, Aleksandr ; Pascual, Pablo ; Baquero, Carlos ; Masek, Pavel ; Pyattaev, Alexander ; Garcia, Ainoa ; Castillo, Carlos ; Andreev, Sergey ; Hosek, Jiri ; Koucheryavy, Yevgeni. / **Concept design and performance evaluation of UAV-based backhaul link with antenna steering**. In: Journal of Communications and Networks. 2018 ; Vol. 20, No. 5. pp. 473-483.

Piipponen, Artturi ; Valmari, Antti. / **Constructing Minimal Coverability Sets**. In: Fundamenta Informaticae. 2016 ; Vol. 143, No. 3-4. pp. 393-414.

Irofti, Paul ; Dumitrescu, Bogdan. / **Cosparse dictionary learning for the orthogonal case**. 2015 19th International Conference on System Theory, Control and Computing, ICSTCC 2015 - Joint Conference SINTES 19, SACCS 15, SIMSIS 19. IEEE, 2015. pp. 343-347

Siltala, Niko ; Järvenpää, Eeva ; Lanz, Minna. / **Creating resource combinations based on formally described hardware interfaces**. Precision Assembly in the Digital Age - 8th IFIP WG 5.5 International Precision Assembly Seminar, IPAS 2018, Revised Selected Papers. Vol. 530 Springer New York LLC, 2019. pp. 29-39 (IFIP Advances in Information and Communication Technology).

Barford, Lee ; Bhattacharyya, Shuvra S. ; Liu, Yanzhou. / **Data flow algorithms for processors with vector extensions : Handling actors with internal state**. 2014 IEEE Global Conference on Signal and Information Processing, GlobalSIP 2014. Institute of Electrical and Electronics Engineers Inc., 2014. pp. 20-24

Barford, Lee ; Bhattacharyya, Shuvra S. ; Liu, Yanzhou. / **Data Flow Algorithms for Processors with Vector Extensions : Handling Actors With Internal State**. In: Journal of Signal Processing Systems. 2017 ; Vol. 87, No. 1. pp. 21-31.

Mantilla, R. M Fernanda ; Nieto Lee, Angelica ; Lastra, Jose L Martinez. / **Definition of key performance indicators for energy efficient assessment in the transport sector**. SMARTGREENS 2015 - 4th International Conference on Smart Cities and Green ICT Systems, Proceedings. SCITEPRESS, 2015. pp. 78-82

Boutellier, J. ; Nyländén, T. / **Design Flow for GPU and Multicore Execution of Dynamic Dataflow Programs**. In: Journal of Signal Processing Systems. 2017 ; Vol. 89, No. 3. pp. 469-478.

Vepsäläinen, Timo ; Kuikka, Seppo. / **Design Patterns for Model-Driven Development**. In: Communications in Computer and Information Science. 2015 ; Vol. 555. pp. 21-38.

Henno, J. ; Jaakkola, H. ; Mäkelä, J. / **Developing curiosity and multimedia skills with programming experiments**. 2017 40th International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2017 - Proceedings. IEEE, 2017. pp. 694-699

Lwakatare, Lucy Ellen ; Kilamo, Terhi ; Karvonen, Teemu ; Sauvola, Tanja ; Heikkilä, Ville ; Itkonen, Juha ; Kuvaja, Pasi ; Mikkonen, Tommi ; Oivo, Markku ; Lassenius, Casper. / **DevOps in practice : A multiple case study of five companies**. In: Information and Software Technology. 2019 ; Vol. 114. pp. 217-230.

Niemi, Hannele ; Multisilta, Jari. / **Digital storytelling promoting twenty-first century skills and student engagement.** In: Technology, Pedagogy and Education. 2016 ; Vol. 25, No. 4. pp. 451-468.

Liu, Fei ; Lim, Eric T.K. ; Li, Hongxiu ; Tan, Chee Wee ; Cyr, Dianne. / **Disentangling utilitarian and hedonic consumption behavior in online shopping : An expectation disconfirmation perspective.** In: Information and Management. 2019.

Tavella, Federico ; Giaretta, Alberto ; Dooley-Cullinane, Triona Marie ; Conti, Mauro ; Coffey, Lee ; Balasubramaniam, Sasitharan. / **DNA Molecular Storage System : Transferring Digitally Encoded Information through Bacterial Nanonetworks** . In: IEEE Transactions on Emerging Topics in Computing . 2019.

Salmimaa, Taru ; Hekkala, Riitta ; Pekkola, Samuli. / **Dynamic Activities for Managing an IS-Enabled Organizational Change.** In: Business and Information Systems Engineering. 2018 ; Vol. 60, No. 2. pp. 133-149.

Sadreddini, Zhaleh ; Masek, Pavel ; Cavdar, Tugrul ; Ometov, Aleksandr ; Hosek, Jiri ; Gudkova, Irina ; Andreev, Sergey. / **Dynamic Resource Sharing in 5G with LSA : Criteria-Based Management Framework.** In: Wireless Communications and Mobile Computing. 2018 ; Vol. 2018.

Suominen, Arho ; Hyrynsalmi, Sami ; Seppänen, Marko. / **Ecosystems Here, There, and Everywhere — A Barometrical Analysis of the Roots of 'Software Ecosystem'.** Software Business: 7th International Conference, ICSOB 2016, Ljubljana, Slovenia, June 13-14, 2016, Proceedings. Springer Verlag, 2016. pp. 32-46 (Lecture Notes in Business Information Processing).

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

Suonsyrjä, Sampo. / **Eeny, Meeny, Miny, Mo... : A multiple case study on selecting a technique for user-interaction data collecting.** Agile Processes in Software Engineering and Extreme Programming - 18th International Conference, XP 2017, Proceedings. Springer Verlag, 2017. pp. 52-67 (Lecture Notes in Business Information Processing).

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

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

Evreinova, Tatiana V. ; Evreinov, Grigori ; Raisamo, Roope. / **Estimating topographic heights with the StickGrip haptic device.** 2011 Federated Conference on Computer Science and Information Systems, FedCSIS 2011. 2011. pp. 691-697

Bordallo López, Miguel ; Nieto, Alejandro ; Boutellier, Jani ; Hannuksela, Jari ; Silvén, Olli. / **Evaluation of real-time LBP computing in multiple architectures.** In: Journal of Real-Time Image Processing. 2017 ; Vol. 13, No. 2.

Sheikh, Muhammad Usman ; Sæe, Joonas ; Lempiäinen, Jukka. / **Evaluation of SPMA and higher order sectorization for homogeneous SIR through macro sites.** In: Wireless Networks. 2015 ; Vol. 21, No. 6.

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

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

Gu, Ruirui ; Janneck, Jörn W. ; Raulet, Mickaël ; Bhattacharyya, Shuvra S. / **Exploiting statically schedulable regions in dataflow programs**. In: Journal of Signal Processing Systems. 2011 ; Vol. 63, No. 1. pp. 129-142.

Garcia Fernandez, J. ; Tammi, K. ; Joutsiniemi, A. / **Extending the life of virtual heritage : Reuse of TLS point clouds in synthetic stereoscopic spherical images**. 3D Virtual Reconstruction and Visualization of Complex Architectures. ISPRS, 2017. pp. 317-323 (International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives).

Valmari, Antti ; Vogler, Walter. / **Fair testing and stubborn sets**. In: International Journal on Software Tools for Technology Transfer. 2018 ; pp. 589-610.

Meskill, Brian ; Balasubramaniam, Sasitharan ; Brennan, Rob ; Feeney, Kevin ; Jennings, Brendan. / **Federation lifecycle management incorporating coordination of bio-inspired self-management processes**. In: JOURNAL OF NETWORK AND SYSTEMS MANAGEMENT. 2013 ; Vol. 21, No. 4. pp. 650-676.

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

Lenarduzzi, Valentina ; Lunesu, Ilaria ; Matta, Martina ; Taibi, Davide. / **Functional size measures and effort estimation in agile development : A replicated study**. Agile Processes, in Software Engineering, and Extreme Programming - 16th International Conference, XP 2015, Proceedings. Vol. 212 Springer-Verlag Berlin Heidelberg, 2015. pp. 105-116 (Lecture Notes in Business Information Processing).

Emmert-Streib, Frank ; Dehmer, Matthias. / **Global information processing in gene networks : Fault tolerance**. Proceedings of the Bio-Inspired Models of Network, Information, and Computing Systems, Bionetics 2007. 2007. pp. 326-329

Iosifidis, Alexandros ; Tefas, Anastasios ; Pitas, Ioannis. / **Graph Embedded Extreme Learning Machine**. In: IEEE Transactions on Cybernetics. 2016 ; Vol. 46, No. 1. pp. 311 - 324.

Ellervee, Peeter ; Nurmi, Jari. / **Guest Editorial : Implementation Issues in System-on-Chip**. In: Journal of Signal Processing Systems. 2017 ; Vol. 87, No. 3. pp. 269-270.

Ma, Huadong ; Yu, Shui ; Gabbouj, Moncef ; Mueller, Peter. / **Guest Editorial Special Issue on Multimedia Big Data in Internet of Things**. In: IEEE Internet of Things Journal. 2018 ; Vol. 5, No. 5. pp. 3405-3407.

Balasubramaniam, Sasitharan ; Jornet, Josep Miquel ; Pierobon, Massimiliano ; Koucheryavy, Yevgeni. / **Guest editorial special issue on the internet of nano things**. In: IEEE Internet of Things Journal. 2016 ; Vol. 3, No. 1. pp. 1-3.

Taibi, Davide ; Janes, Andrea ; Lenarduzzi, Valentina. / **How developers perceive smells in source code : A replicated study**. In: Information and Software Technology. 2017 ; Vol. 92. pp. 223-235.

Morschheuser, Benedikt ; Hassan, Lobna ; Werder, Karl ; Hamari, Juho. / **How to design gamification? A method for engineering gamified software**. In: Information and Software Technology. 2018 ; Vol. 95. pp. 219-237.

AbuJarour, Safa'a ; Pawlowski, Jan ; Bick, Markus ; Bagucanskyte, Mige ; Frankenberg, Anna ; Hudak, Raimund ; Makropoulos, Constantinos ; Pappa, Dimitra ; Pitsilis, Vabilis ; Pirkkalainen, Henri ; Tannhauser, Anne Christin ; Trepule, Elena ; Vidalis, Aristedes ; Volungeviciene, Airina. / **Idea-space : A use case of collaborative course development in higher education**. Wissens-Gemeinschaften 2015. TUDpress Verlag der Wissenschaften GmbH, 2015. pp. 149-156

Aghababaeetafreshi, Mona ; Lehtonen, Lasse K. ; Levanen, Toni ; Valkama, Mikko ; Takala, Jarmo. / **IEEE 802.11ac MIMO Transceiver Baseband Processing on a VLIW Processor**. In: Journal of Signal Processing Systems. 2016.

- Sheikh, Muhammad Usman ; Lempiäinen, Jukka. / **Impact of antenna radiation pattern variation on the performance of SPMA at 28 GHz.** In: Wireless Networks. 2018 ; Vol. 24, No. 2. pp. 361–372.
- Kim, Scott C. ; Bhattacharyya, Shuvra S. / **Implementation of a Multirate Resampler for Multi-carrier Systems on GPUs.** In: Journal of Signal Processing Systems. 2017 ; Vol. 89, No. 3. pp. 445–455.
- Mäkinen, Simo ; Leppänen, Marko ; Kilamo, Terhi ; Mattila, Anna-Liisa ; Laukkanen, Eero ; Pagels, Max ; Männistö, Tomi. / **Improving the delivery cycle : A multiple-case study of the toolchains in Finnish software intensive enterprises.** In: Information and Software Technology. 2016 ; Vol. 80. pp. 1339-1351.
- Kannisto, Petri ; Hästbacka, David ; Martinen, Arto. / **Information Exchange Architecture for Collaborative Industrial Ecosystem.** In: Information Systems Frontiers. 2018 ; pp. 1-16.
- Kumpulainen, Sanna ; Järvelin, Kalervo. / **Information interaction in molecular medicine : Integrated use of multiple channels.** IliX 2010 - Proceedings of the 2010 Information Interaction in Context Symposium. 2010. pp. 95-104
- Balandina, Ekaterina ; Balandin, Sergey ; Koucheryavy, Yevgeni ; Mouromtsev, Dmitry. / **Innovative e-Tourism Services on Top of Geo2Tag LBS Platform.** Proceedings - 11th International Conference on Signal-Image Technology and Internet-Based Systems, SITIS 2015. IEEE, 2016. pp. 752-759
- Dang, Duong ; Pekkola, Samuli. / **Institutional Perspectives on the Process of Enterprise Architecture Adoption.** In: Information Systems Frontiers. 2019.
- Chukhman, Ilya ; Jiao, Yang ; Salem, Haifa Ben ; Bhattacharyya, Shuvra S. / **Instrumentation-Driven Validation of Dataflow Applications.** In: Journal of Signal Processing Systems. 2016 ; Vol. 84, No. 3. pp. 383–397.
- Zaki, George F. ; Plishker, William ; Bhattacharyya, Shuvra S. ; Clancy, Charles ; Kuykendall, John. / **Integration of dataflow-based heterogeneous multiprocessor scheduling techniques in GNU radio.** In: Journal of Signal Processing Systems. 2013 ; Vol. 70, No. 2. pp. 177-191.
- Linna, P. ; Narra, N. ; Grönman, J. / **Intelligent data service for farmers.** 2019 42nd International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2019 - Proceedings. editor / Karolj Skala ; Zeljka Car ; Predrag Pale ; Darko Huljenic ; Matej Janjic ; Marko Koracic ; Vlado Sruk ; Slobodan Ribaric ; Tihana Galinac Grbac ; Zeljko Butkovic ; Marina Cicin-Sain ; Dejan Skvorc ; Mladen Mauher ; Snjezana Babic ; Stjepan Gros ; Boris Vrdoljak ; Edvard Tijan. IEEE, 2019. pp. 1072-1075
- Vihervaara, Juha ; Alapaholuoma, Teemu. / **Internet of Things : Opportunities for vocational education and training: Presentation of the pilot project.** CSEDU 2017 - Proceedings of the 9th International Conference on Computer Supported Education. SCITEPRESS, 2017. pp. 476-480
- Evreinova, Tatiana V. ; Evreinov, Grigori ; Raisamo, Roope. / **Interpretation of ambiguous images inspected by the StickGrip device.** 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. pp. 209-216
- Köse, Dicle Berfin ; Morschheuser, Benedikt ; Hamari, Juho. / **Is it a tool or a toy? How user conceptions of a system's purpose affect their experience and use.** In: International Journal of Information Management. 2019 ; Vol. 49. pp. 461-474.
- Heulot, Julien ; Pelcat, Maxime ; Nezan, Jean Francois ; Oliva, Yaset ; Aridhi, Slaheddine ; Bhattacharyya, Shuvra S. / **Just-in-time scheduling techniques for multicore signal processing systems.** 2014 IEEE Global Conference on Signal and Information Processing, GlobalSIP 2014. Institute of Electrical and Electronics Engineers Inc., 2014. pp. 25-29

Järvi, Antero ; Taajamaa, Ville ; Hyrynsalmi, Sami. / **Lean software startup – an experience report from an entrepreneurial software business course**. Software Business - 6th International Conference, ICSOB 2015, Proceedings. Vol. 210 Springer Verlag, 2015. pp. 230-244 (Lecture Notes in Business Information Processing).

Hukkanen, Jenni ; Astola, Pekka ; Tabus, Ioan. / **Lossless compression of regions-of-interest from retinal images**. EUVIP 2014 - 5th European Workshop on Visual Information Processing. The Institute of Electrical and Electronics Engineers, Inc., 2015.

Nyländén, Teemu ; Boutellier, Jani ; Nikunen, Karri ; Hannuksela, Jari ; Silvén, Olli. / **Low-Power Reconfigurable Miniature Sensor Nodes for Condition Monitoring**. In: International Journal of Parallel Programming. 2014 ; Vol. 43, No. 1. pp. 3-23.

Sheikh, Muhammad Usman ; Lempiäinen, Jukka. / **Macro cellular network transition from traditional frequency range to 28 GHz millimeter wave frequency band**. In: Wireless Networks. 2018 ; Vol. 24, No. 3. pp. 943–953.

Kee, Hojin ; Shen, Chung Ching ; Bhattacharyya, Shuvra S. ; Wong, Ian ; Rao, Yong ; Kornerup, Jacob. / **Mapping parameterized cyclo-static dataflow graphs onto configurable hardware**. In: Journal of Signal Processing Systems. 2012 ; Vol. 66, No. 3. pp. 285-301.

Aldaya, Alejandro Cabrera ; Brumley, Billy Bob ; Sarmiento, Alejandro J.Cabrera ; Sánchez-Solano, Santiago. / **Memory Tampering Attack on Binary GCD Based Inversion Algorithms**. In: International Journal of Parallel Programming. 2018 ; pp. 1-20.

Mantilla R., M. Fernanda ; Nieto Lee, Angelica ; Lastra, Jose L. Martinez ; Kotakorpi, Elli. / **Methodology for energy efficiency assessment in the transport sector for smart cities**. SMARTGREENS 2015 - 4th International Conference on Smart Cities and Green ICT Systems, Proceedings. SCITEPRESS, 2015. pp. 72-77

Hokkanen, Laura ; Kuusinen, Kati ; Väänänen, Kaisa. / **Minimum viable user experience : A framework for supporting product design in startups**. Agile Processes, in Software Engineering, and Extreme Programming: 17th International Conference, XP 2016, Edinburgh, UK, May 24-27, 2016, Proceedings. Springer Verlag, 2016. pp. 66-78 (Lecture Notes in Business Information Processing).

Kozyrev, Dmitry ; Ometov, Aleksandr ; Moltchanov, Dmitri ; Rykov, Vladimir ; Efrosinin, Dmitry ; Milovanova, Tatiana ; Andreev, Sergey ; Koucheryavy, Yevgeni. / **Mobility-Centric Analysis of Communication Offloading for Heterogeneous Internet of Things Devices**. In: Wireless Communications and Mobile Computing. 2018 ; Vol. 2018.

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

Wu, Jiahao ; Blattner, Timothy ; Keyrouz, Walid ; Bhattacharyya, Shuvra S. / **Model-Based Dynamic Scheduling for Multicore Signal Processing**. In: Journal of Signal Processing Systems. 2018 ; pp. 1-14.

Kelo, Tomi ; Eronen, Juhani ; Rousku, Kimmo. / **Model for efficient development of security audit criteria**. Proceedings of the 17th European Conference on Cyber Warfare and Security, ECCWS 2018. Curran Associates, 2018. pp. 244-252

Godbole, Tanmay Ram ; Calvo-Fullana, Miguel ; Pyattaev, Alexander ; Mox, Daniel ; Andreev, Sergey ; Ribeiro, Alejandro ; Valkama, Mikko. / **Modeling mmWave Channels in High-Fidelity Simulations of Unmanned Aerial Systems**. 2019 IEEE 20th International Workshop on Signal Processing Advances in Wireless Communications, SPAWC 2019. IEEE, 2019. (IEEE International Workshop on Signal Processing Advances in Wireless Communications).

Deng, Shengli ; Tong, Jingjing ; Lin, Yanqing ; Li, Hongxiu ; Liu, Yong. / **Motivating scholars' responses in academic social networking sites : An empirical study on ResearchGate Q&A behavior**. In: INFORMATION PROCESSING AND MANAGEMENT. 2019 ; Vol. 56, No. 6.

Iosifidis, Alexandros ; Tefas, Anastasios ; Pitas, Ioannis. / **Multidimensional sequence classification based on fuzzy distances and discriminant analysis**. In: IEEE Transactions on Knowledge and Data Engineering. 2013 ; Vol. 25, No. 11. pp. 2564-2575.

Höynälänmaa, Tommi. / **Multiresolution analysis for compactly supported interpolating tensor product wavelets**. In: International Journal of Wavelets Multiresolution and Information Processing. 2015 ; Vol. 13, No. 2.

Marshoud, Hanaa ; Sofotasios, Paschalis C. ; Muhaidat, Sami ; Karagiannidis, George K. / **Multi-user techniques in visible light communications : A survey**. 2016 International Conference on Advanced Communication Systems and Information Security, ACOSIS 2016 - Proceedings. IEEE, 2017.

Iosifidis, Alexandros ; Tefas, Anastasios ; Pitas, Ioannis. / **Multi-view human action recognition: A survey**. Proceedings - 2013 9th International Conference on Intelligent Information Hiding and Multimedia Signal Processing, IHH-MSP 2013. IEEE COMPUTER SOCIETY PRESS, 2013. pp. 522-525

Alam, Md Hijbul ; Ha, Jong Woo ; Lee, Sang Keun. / **Novel approaches to crawling important pages early**. In: Knowledge and Information Systems. 2012 ; Vol. 33, No. 3. pp. 707-734.

Valmari, Antti. / **On constructibility and unconstructibility of LTS operators from other LTS operators**. In: Acta Informatica. 2015 ; Vol. 52, No. 2-3. pp. 207-234.

Paladi, Nicolae ; Michalas, Antonis. / **'One of our hosts in another country' : Challenges of data geolocation in cloud storage**. 2014 4th International Conference on Wireless Communications, Vehicular Technology, Information Theory and Aerospace and Electronic Systems, VITAE 2014 - Co-located with Global Wireless Summit. Institute of Electrical and Electronics Engineers Inc., 2014.

Riihonen, Taneli ; Korpi, Dani ; Rantula, Olli ; Valkama, Mikko. / **On the prospects of full-duplex military radios**. 2017 International Conference on Military Communications and Information Systems, ICMCIS 2017. IEEE, 2017.

Basilico, Gabriele ; Lavazza, Luigi ; Morasca, Sandro ; Taibi, Davide ; Tosi, Davide. / **Op2A : Assessing the quality of the portal of open source software products**. WEBIST 2011 - Proceedings of the 7th International Conference on Web Information Systems and Technologies. 2011. pp. 184-193

Lavazza, Luigi ; Morasca, Sandro ; Taibi, Davide ; Tosi, Davide. / **OP2A : How to improve the quality of the web portal of open source software products**. Web Information Systems and Technologies - 7th International Conference, WEBIST 2011, Revised Selected Papers. Springer Verlag, 2011. pp. 149-162 (Lecture Notes in Business Information Processing).

Linna, P. ; Mäkinen, T. ; Yrjökoski, K. / **Open data based value networks : Finnish examples of public events and agriculture**. 2017 40th International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2017 - Proceedings. IEEE, 2017. pp. 1448-1453

Isitan, Kemal ; Nummenmaa, Timo ; Berki, Eleni. / **Openness as a method for game evolution**. 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. pp. 100-104

Väättäjä, Heli ; Heimonen, Tomi ; Tiitinen, Katariina ; Hakulinen, Jaakko ; Turunen, Markku ; Nieminen, Harri ; Paunonen, Hannu ; Ruotsalainen, Jouni ; Oksanen, Jaakko ; Lindborg, Iiro. / **Opportunities and needs for logged usage data analytics of complex industrial systems**. 24th European Conference on Information Systems, ECIS 2016. Association for Information Systems, 2016.

Yli-Kaakinen, Juha ; Renfors, Markku. / **Optimization of Flexible Filter Banks Based on Fast Convolution**. In: Journal of Signal Processing Systems. 2016 ; Vol. 85, No. 1. pp. 101-111.

- Zhang, Honglei ; Kiranyaz, Serkan ; Gabbouj, Moncef. / **Outlier edge detection using random graph generation models and applications**. In: Journal of Big Data. 2017 ; Vol. 4, No. 1.
- Bhattacharyya, Shuvra S. ; Eker, Johan ; Janneck, Jörn W. ; Lucarz, Christophe ; Mattavelli, Marco ; Raulet, Mickaël. / **Overview of the MPEG reconfigurable video coding framework**. In: Journal of Signal Processing Systems. 2011 ; Vol. 63, No. 2. pp. 251-263.
- Vilminko-Heikkinen, Riikka ; Brous, Paul ; Pekkola, Samuli. / **Paradoxes, conflicts and tensions in establishing master data management function**. 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, Kaipeng ; Ghazi, Amanullah ; Tarver, Chance ; Boutellier, Jani ; Abdelaziz, Mahmoud ; Anttila, Lauri ; Juntti, Markku ; Valkama, Mikko ; Cavallaro, Joseph R. / **Parallel Digital Predistortion Design on Mobile GPU and Embedded Multicore CPU for Mobile Transmitters**. In: Journal of Signal Processing Systems. 2017 ; Vol. 89, No. 3. pp. 417-430.
- Wang, Lai Huei ; Shen, Chung Ching ; Wu, Shenpei ; Bhattacharyya, Shuvra S. / **Parameterized scheduling of topological patterns in signal processing dataflow graphs**. In: Journal of Signal Processing Systems. 2013 ; Vol. 71, No. 3. pp. 275-286.
- Mantilla R., M. Fernanda ; Nieto Lee, Angelica ; Lastra, Jose L Martinez. / **Parameters affecting the energy performance of the transport sector in smart cities**. SMARTGREENS 2015 - 4th International Conference on Smart Cities and Green ICT Systems, Proceedings. SCITEPRESS, 2015. pp. 83-88
- Lu, Wenhui ; Nummenmaa, Jyrki ; Zhang, Zheyang. / **Passive condition pre-enforcement for rights exporting**. Perspectives in Business Informatics Research - 14th International Conference, BIR 2015, Proceedings. Vol. 229 Springer Verlag, 2015. pp. 241-254 (Lecture Notes in Business Information Processing).
- Grönman, Jere ; Sillberg, Pekka ; Rantanen, Petri ; Saari, Mika. / **People Counting in a Public Event—Use Case: Free-to-Ride Bus**. 2019 42nd International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2019. IEEE, 2019. pp. 1055-1059
- Väätäjä, Heli. / **Perceived Impacts as User Experience Components in Mobile News Making with Smartphones**. Emerging Perspectives on the Design, Use, and Evaluation of Mobile and Handheld Devices. editor / Joanna Lumsden. IGI Global, 2015. pp. 218-238
- Jin, Lina ; Cho, Seongho ; Liu, Tsung Jung ; Egiazarian, Karen ; Kuo, C. C Jay. / **Performance Comparison of Decision Fusion Strategies in BMMF-based Image Quality Assessment**. 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. pp. 1-4 (Asia-Pacific Signal and Information Processing Association Annual Summit and Conference).
- Vihervaara, Juha ; Loula, Pekka ; Tuominen, Tommi. / **Performance gains from web performance optimization : Case including the optimization of webpage resources in a comprehensive way**. 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. pp. 188-193
- Pajarinen, Joni ; Peltonen, Jaakko. / **Periodic finite state controllers for efficient POMDP and DEC-POMDP planning**. Advances in Neural Information Processing Systems 24: 25th Annual Conference on Neural Information Processing Systems 2011, NIPS 2011. 2011.
- Soini, J. ; Sillberg, P. ; Rantanen, P. ; Nummela, J. / **Portable sensor system for reliable condition measurement**. 2016 39th International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2016 - Proceedings. 2016. pp. 1190-1195

Hussain, Waqar ; Hoffmann, Henry ; Ahonen, Tapani ; Nurmi, Jari. / **Power Mitigation by Performance Equalization in a Heterogeneous Reconfigurable Multicore Architecture**. In: Journal of Signal Processing Systems. 2017 ; Vol. 87, No. 3. pp. 287-297.

Lenarduzzi, Valentina ; Stan, Alexandru Cristian ; Taibi, Davide ; Venters, Gustavs ; Windegger, Markus. / **Prioritizing corrective maintenance activities for android applications : An industrial case study on android crash reports**. Software Quality: Methods and Tools for Better Software and Systems - 10th International Conference, SWQD 2018, Proceedings. Springer-Verlag Berlin Heidelberg, 2018. pp. 133-143 (Lecture Notes in Business Information Processing).

Garcia-Fernandez, Jorge ; Joutsiniemi, Anssi ; Ahn, Yushin ; Fernandez, Juan Jose. / **Quantitative + qualitative information for heritage conservation : An open science research for paving 'collaboratively' the way to historical-BIM**. 2015 Digital Heritage International Congress, Digital Heritage 2015. IEEE, 2016. pp. 207-208

Boutellier, Jani ; Lucarz, Christophe ; Lafond, Sébastien ; Gomez, Victor Martin ; Mattavelli, Marco. / **Quasi-static scheduling of CAL actor networks for reconfigurable video coding**. In: Journal of Signal Processing Systems. 2011 ; Vol. 63, No. 2. pp. 191-202.

Ometov, Aleksandr ; Kozyrev, Dmitry ; Rykov, Vladimir ; Andreev, Sergey ; Gaidamaka, Yuliya ; Koucheryavy, Yevgeni. / **Reliability-centric analysis of offloaded computation in cooperative wearable applications**. In: Wireless Communications and Mobile Computing. 2017 ; Vol. 2017.

Iosifidis, Alexandros ; Tefas, Anastasios ; Pitas, Ioannis. / **Representative class vector clustering-based discriminant analysis**. Proceedings - 2013 9th International Conference on Intelligent Information Hiding and Multimedia Signal Processing, IHH-MSP 2013. IEEE COMPUTER SOCIETY PRESS, 2013. pp. 526-529

Hyrnsalmi, Sami ; Suominen, Arho ; Mäkilä, Tuomas ; Järvi, Antero ; Knuutila, Timo. / **Revenue models of application developers in android market ecosystem**. Software Business - Third International Conference, ICSOB 2012, Proceedings. Springer Verlag, 2012. pp. 209-222 (Lecture Notes in Business Information Processing).

Zhang, Boyang ; Veijalainen, Jari ; Kotkov, Denis. / **Samsung and Volkswagen crisis communication in Facebook and Twitter : A comparative study**. WEBIST 2017 - Proceedings of the 13th International Conference on Web Information Systems and Technologies. SCITEPRESS, 2017. pp. 312-323

Ruotsalo, Tuukka ; Peltonen, Jaakko ; Eugster, Manuel J A ; Glowacka, Dorota ; Reijonen, Aki ; Jacucci, Giulio ; Myllymäki, Petri ; Kaski, Samuel. / **Scinet : Interactive intent modeling for information discovery**. SIGIR 2015 - Proceedings of the 38th International ACM SIGIR Conference on Research and Development in Information Retrieval. Association for Computing Machinery, Inc, 2015. pp. 1043-1044

Seppälä, Jari ; Takanen, Ari ; Korju, Juha ; Häyrynen, Antti. / **Security Analysis of Various Industrial Devices**. International Conference on Computer Security in a Nuclear World: Expert Discussion and Exchange, 1-5 June, 2015, Vienna, Austria . INTERNATIONAL ATOMIC ENERGY AGENCY, 2015.

Harviainen, J. Tuomas ; Hamari, Juho. / **Seek, share, or withhold : information trading in MMORPGs**. In: JOURNAL OF DOCUMENTATION. 2015 ; Vol. 71, No. 6. pp. 1119-1134.

Nanavati, Amit Anil ; Rajput, Nitendra ; Rudnicky, Alexandar I. ; Turunen, Markku ; Sandholm, Thomas ; Munteanu, Cosmin ; Penn, Gerald. / **SiMPE : 7th Workshop on speech and sound in mobile and pervasive environments**. MobileHCI'12 - Companion Proceedings of the 14th International Conference on Human Computer Interaction with Mobile Devices and Services. 2012. pp. 251-253

Hasan, Monowar ; Hossain, Ekram ; Balasubramaniam, Sasitharan ; Koucheryavy, Yevgeni. / **Social behavior in bacterial nanonetworks : Challenges and opportunities**. In: IEEE Network. 2015 ; Vol. 29, No. 1. pp. 26-34.

Moltchanov, Dmitri ; Kovalchukov, Roman ; Gerasimenko, Mikhail ; Andreev, Sergey ; Koucheryavy, Yevgeni ; Gerla, Mario. / **Socially inspired relaying and proactive mode selection in mmWave vehicular communications**. In: IEEE Internet of Things Journal. 2019 ; Vol. 6, No. 3. pp. 5172-5183.

Ketonen-Oksi, Sanna ; Jussila, Jari J. ; Kärkkäinen, Hannu. / **Social media -based value creation and business models**. In: Industrial Management and Data Systems. 2016 ; Vol. 116, No. 8. pp. 1820-1838.

Kalb, Hendrik ; Pirkkalainen, Henri ; Pawlowski, Jan ; Schoop, Eric. / **Social networking services as a facilitator for scientists' sharing activities**. 19th European Conference on Information Systems, ECIS 2011. 2011.

Sievi-Korte, Outi ; Richardson, Ita ; Beecham, Sarah. / **Software architecture design in global software development : An empirical study**. In: Journal of Systems and Software. 2019 ; Vol. 158.

Ruohonen, Jukka ; Hyrynsalmi, Sami ; Leppänen, Ville. / **Software vulnerability life cycles and the age of software products : An empirical assertion with operating system products**. Advanced Information Systems Engineering Workshops - CAiSE 2016 International Workshops, Proceedings. Springer Verlag, 2016. pp. 207-218 (Lecture Notes in Business Information Processing).

Pawlowski, Jan M. ; Bick, Markus ; Peinl, René ; Thalmann, Stefan ; Maier, Ronald ; Hetmank, Lars ; Kruse, Paul ; Martensen, Malte ; Pirkkalainen, Henri. / **Soziale Wissensumgebungen**. In: WIRTSCHAFTSINFORMATIK. 2014 ; Vol. 56, No. 2. pp. 91-100.

Faisal, Ali ; Gillberg, Jussi ; Peltonen, Jaakko ; Leen, Gayle ; Kaski, Samuel. / **Sparse nonparametric topic model for transfer learning**. ESANN 2012 proceedings, 20th European Symposium on Artificial Neural Networks, Computational Intelligence and Machine Learning. i6doc.com publication, 2012. pp. 269-274

McAllister, John ; Guevorkian, David ; Jeschke, Hartwig ; Sima, Mihai. / **Special Issue on Embedded Computer Systems: Architectures, Modeling and Simulation**. In: International Journal of Parallel Programming. 2014 ; Vol. 43, No. 1.

Zemliachenko, Alexander ; Lukin, Vladimir ; Ponomarenko, Nikolay ; Egiazarian, Karen ; Astola, Jaakko. / **Still image/video frame lossy compression providing a desired visual quality**. In: Multidimensional Systems and Signal Processing. 2016 ; Vol. 27, No. 3. pp. 697-718.

Väätäjä, Heli ; Heimonen, Tomi ; Tiitinen, Katariina ; Hakulinen, Jaakko ; Turunen, Markku. / **Supplier's Expectations on Usage Data Analytics of Complex Industrial Systems**. ISPIM Innovation Summit 2015. editor / Eelko Huizingh ; Steffen Conn ; Iain Bitran. International Society for Professional Innovation Management ISPIM, 2015.

Järvelin, Kalervo ; Vakkari, Pertti ; Arvola, Paavo ; Baskaya, Feza ; Järvelin, Anni ; Kekäläinen, Jaana ; Keskustalo, Heikki ; Kumpulainen, Sanna ; Saastamoinen, Miamaria ; Savolainen, Reijo ; Sormunen, Eero. / **Task-based information interaction evaluation : The viewpoint of program theory**. In: ACM Transactions on Information Systems. 2015 ; Vol. 33, No. 1.

Saastamoinen, Miamaria ; Kumpulainen, Sanna ; Järvelin, Kalervo. / **Task complexity and information searching in administrative tasks revisited**. IliX 2012 - Proceedings 4th Information Interaction in Context Symposium: Behaviors, Interactions, Interfaces, Systems. 2012. pp. 204-213

Henno, J. ; Jaakkola, H. ; Mäkelä, J. / **Teaching for virtual work**. 2019 42nd International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2019 - Proceedings. editor / Karolj Skala ; Zeljka Car ; Predrag Pale ; Darko Huljenic ; Matej Janjic ; Marko Koracic ; Vlado Sruk ; Slobodan Ribaric ; Tihana Galinac Grbac ; Zeljko Butkovic ; Marina Cicin-Sain ; Dejan Skvorc ; Mladen Mauher ; Snjezana Babic ; Stjepan Gros ; Boris Vrdoljak ; Edvard Tijan. IEEE, 2019. pp. 818-826

Salo, Markus ; Pirkkalainen, Henri ; Koskelainen, Tiina. / **Technostress and social networking services : Uncovering strains and their underlying stressors**. Nordic Contributions in IS Research - 8th Scandinavian Conference on Information Systems, SCIS 2017, Proceedings. Springer Verlag, 2017. pp. 41-53 (Lecture Notes in Business Information Processing).

Changizi, Alireza ; Lanz, Minna. / **The comfort zone concept in a human-robot cooperative task**. Precision Assembly in the Digital Age - 8th IFIP WG 5.5 International Precision Assembly Seminar, IPAS 2018, Revised Selected Papers. Vol. 530 Springer New York LLC, 2019. pp. 82-91 (IFIP Advances in Information and Communication Technology).

Jaakkola, H. ; Henno, J. ; Thalheim, B. ; Mäkelä, J. / **The educators' telescope to the future of technology**. 2017 40th International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2017 - Proceedings. IEEE, 2017. pp. 660-665

Varsaluoma, Jari ; Väättäjä, Heli ; Kaasinen, Eija ; Karvonen, Hannu ; Lu, Yichen. / **The Fuzzy Front End of Experience Design: Eliciting and Communicating Experience Goals**. OzCHI '15 - Proceedings of the Annual Meeting of the Australian Special Interest Group for Computer Human Interaction . ACM, 2015. pp. 324-332

Hyrynsalmi, Sami ; Suominen, Arho ; Mäntymäki, Matti. / **The influence of developer multi-homing on competition between software ecosystems**. In: Journal of Systems and Software. 2016 ; Vol. 111. pp. 119-127.

Taivalsaari, Antero ; Mikkonen, Tommi. / **The Web as a software platform : Ten years later**. WEBIST 2017 - Proceedings of the 13th International Conference on Web Information Systems and Technologies. SCITEPRESS, 2017. pp. 41-50

Niinimäki, Marko ; Niemi, Tapio ; Martin, Stephen ; Nummenmaa, Jyrki ; Thanisch, Peter. / **Timely report production from WWW data sources**. Workshops on Business Informatics Research, BIR 2011 International Workshops and Doctoral Consortium, Revised Selected Papers. Vol. 106 LNBI Springer Verlag, 2012. pp. 184-195 (Lecture Notes in Business Information Processing).

Jaakkola, H. ; Henno, J. ; Mäkelä, J. ; Thalheim, B. / **Today is the future of yesterday; What is the future of today?**. 2017 40th International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2017 - Proceedings. IEEE, 2017. pp. 635-643

Yrjökoski, Katariina ; Helander, Nina ; Jaakkola, Hannu. / **To network or not to network? Analysis of the Finnish software industry-A networking approach**. Software Business: 7th International Conference, ICSOB 2016, Ljubljana, Slovenia, June 13-14, 2016, Proceedings. Springer Verlag, 2016. pp. 124-134 (Lecture Notes in Business Information Processing).

Sane, Nimish ; Kee, Hojin ; Seetharaman, Gunasekaran ; Bhattacharyya, Shuvra S. / **Topological patterns for scalable representation and analysis of dataflow graphs**. In: Journal of Signal Processing Systems. 2011 ; Vol. 65, No. 2. pp. 229-244.

Hautala, Ilkka ; Boutellier, Jani ; Nyländen, Teemu ; Silvén, Olli. / **Toward Efficient Execution of RVC-CAL Dataflow Programs on Multicore Platforms**. In: Journal of Signal Processing Systems. 2018 ; Vol. 90, No. 11. pp. 1507-1517.

Taibi, Davide ; Janes, Andrea ; Lenarduzzi, Valentina. / **Towards a lean approach to reduce code smells injection : An empirical study**. Agile Processes in Software Engineering and Extreme Programming - 17th International Conference, XP 2016, Proceedings. Springer Verlag, 2016. (Lecture Notes in Business Information Processing).

Morasca, Sandro ; Taibi, Davide ; Tosi, Davide. / **Towards certifying the testing process of open-source software : New challenges or old methodologies?**. Proceedings of the 2009 ICSE Workshop on Emerging Trends in Free/Libre/Open Source Software Research and Development, FLOSS 2009. 2009. pp. 25-30

Boutellier, Jani ; Silvén, Olli. / **Towards generic embedded multiprocessing for RVC-CAL dataflow programs**. In: Journal of Signal Processing Systems. 2013 ; Vol. 73, No. 2. pp. 137-142.

Paladi, Nicolae ; Michalas, Antonios ; Dang, Hai Van. / **Towards secure cloud orchestration for multi-cloud deployments.** CrossCloud 2018 - 5th Workshop on CrossCloud Infrastructures and Platforms, colocated with EuroSys 2018. ACM, 2018.

Rantanen, Petri ; Sillberg, Pekka ; Soini, Jari. / **Towards the Utilization of Crowdsourcing in Traffic Condition Reporting.** 2017 40th International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2017 - Proceedings. IEEE, 2017. pp. 985-990

Ruohonen, Jukka ; Hyrynsalmi, Sami ; Leppänen, Ville. / **Trading exploits online : A preliminary case study.** IEEE RCIS 2016 - IEEE 10th International Conference on Research Challenges in Information Science. IEEE COMPUTER SOCIETY PRESS, 2016.

Kumpulainen, Sanna. / **Trails across the heterogeneous information environment : Manual integration patterns of search systems in molecular medicine.** In: JOURNAL OF DOCUMENTATION. 2014 ; Vol. 70, No. 5. pp. 856-877.

Pesonen, Emilia ; Jumisko-Pyykkö, Satu ; Väättäjä, Heli. / **User Experience of Digital News : Two Semi-long Term Field Studies.** 14th International Conference on Mobile and Ubiquitous Multimedia (MUM 2015). ACM, 2015. pp. 51-63

Jokela, Tero ; Rezaei, Parisa Pour ; Väänänen, Kaisa. / **Using elicitation studies to generate collocated interaction methods.** Proceedings of the 18th International Conference on Human-Computer Interaction with Mobile Devices and Services Adjunct, MobileHCI 2016. ACM, 2016. pp. 1129-1133

Thanisch, Peter ; Niemi, Tapio ; Niinimäki, Marko ; Nummenmaa, Jyrki. / **Using the entity-attribute-value model for olap cube construction.** Perspectives in Business Informatics Research - 10th International Conference, BIR 2011, Proceedings. Vol. 90 LNBP Springer Verlag, 2011. pp. 59-72 (Lecture Notes in Business Information Processing).

Linna, Petri ; Mäkinen, Timo ; Keto, Harri. / **Utilizing MOOCs in the development of education and training programs.** 2016 39th International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2016 - Proceedings. 2016. pp. 861-864

Hokkanen, Laura ; Väänänen-Vainio-Mattila, Kaisa. / **UX work in startups : Current practices and future needs.** Agile Processes in Software Engineering and Extreme Programming: 16th International Conference, XP 2015, Helsinki, Finland, May 25-29, 2015, Proceedings. Vol. 212 Springer Verlag, 2015. pp. 81-92 (Lecture Notes in Business Information Processing).

Säily, Tanja ; Nevalainen, Terttu ; Siirtola, Harri. / **Variation in noun and pronoun frequencies in a sociohistorical corpus of English.** In: LITERARY AND LINGUISTIC COMPUTING. 2011 ; Vol. 26, No. 2. pp. 167-188.

Hyrynsalmi, Sami ; Seppänen, Marko ; Nokkala, Tiina ; Suominen, Arho ; Järvi, Antero. / **Wealthy, healthy and/or happy —what does 'ecosystem health' stand for?.** 6th International Conference on Software Business, ICSOB 2015; Braga; Portugal; 10 June 2015 through 12 June 2015. Vol. 210 Springer Verlag, 2015. pp. 272-287 (Lecture Notes in Business Information Processing).

Godard, Nathan ; Pecci, Isabelle ; Isokoski, Poika. / **WeSlide : Gestural text entry for elderly users of interactive television.** Proceedings of the 11th European Conference on Interactive TV and Video, EuroITV 2013. 2013. pp. 55-58

Hamari, Juhho. / **Why do people buy virtual goods? Attitude toward virtual good purchases versus game enjoyment.** In: International Journal of Information Management. 2015 ; Vol. 35, No. 3. pp. 299-308.

Hamari, Juhho ; Keronen, Lauri. / **Why do people play games? A meta-analysis.** In: International Journal of Information Management. 2017 ; Vol. 37, No. 3. pp. 125-141.

Hamari, Juhho ; Koivisto, Jonna. / **Why do people use gamification services?.** In: International Journal of Information Management. 2015 ; Vol. 35, No. 4. pp. 419-431.

Mäki-Lohiluoma, Paula ; Hellsten, Pasi ; Pekkola, Samuli. / **Why do we need this? Roles in the information system acquisition legitimation process.** 24th European Conference on Information Systems, ECIS 2016: Boğaziçi University in Istanbul, Turkey, June12-15. Association for Information Systems, 2016.