

- Zolfaghari, Hesam, Davide Rossi, and Jari Nurmi. "A custom processor for protocol-independent packet parsing". *Microprocessors and Microsystems*. 2020. 72. <https://doi.org/10.1016/j.micpro.2019.102910>
- Zhou, Zheng et al. "Systematic integration of flowgraph- and module-level parallelism in implementation of DSP applications on multiprocessor systems-on-chip". *ICSP 2012 - 2012 11th International Conference on Signal Processing, Proceedings*. 2012, 402-408. <https://doi.org/10.1109/ICoSP.2012.6491686>
- Zhang, Honglei, Serkan Kiranyaz, and Moncef Gabbouj "A k-nearest neighbor multilabel ranking algorithm with application to content-based image retrieval". *2017 IEEE International Conference on Acoustics, Speech, and Signal Processing, ICASSP 2017 - Proceedings*. IEEE. 2017, 2587-2591. <https://doi.org/10.1109/ICASSP.2017.7952624>
- Zemliachenko, Alexander et al. "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>
- Zarkias, Konstantinos Saitas et al. "Deep Reinforcement Learning for Financial Trading Using Price Trailing". *2019 IEEE International Conference on Acoustics, Speech, and Signal Processing, ICASSP 2019 - Proceedings*. IEEE. 2019, 3067-3071. <https://doi.org/10.1109/ICASSP.2019.8683161>
- Zare, Marzieh et al. "Real-time online drilling vibration analysis using data mining". *Proceedings of the 2019 2nd International Conference on Data Science and Information Technology, DSIT 2019*. ACM. 2019, 175-180. <https://doi.org/10.1145/3352411.3352439>
- Yviquel, Hervé et al. "Automated design of networks of transport-triggered architecture processors using dynamic dataflow programs". *Signal Processing: Image Communication*. 2013, 28(10). 1295-1302. <https://doi.org/10.1016/j.image.2013.08.013>
- Yuan, Jirui et al. "Multi-view predictive latent space learning". *Pattern Recognition Letters*. 2018. <https://doi.org/10.1016/j.patrec.2018.06.022>
- Yu, Guihai et al. "Hermitian normalized Laplacian matrix for directed networks". *Information Sciences*. 2019, 495. 175-184. <https://doi.org/10.1016/j.ins.2019.04.049>
- Ylinen, M. and Samuli Pekkola "Looking for a five-legged sheep: Identifying enterprise architects' skills and competencies". *Proceedings of the 19th Annual International Conference on Digital Government Research: Governance in the Data Age, DG.O 2018*. ACM. 2018. <https://doi.org/10.1145/3209281.3209353>
- Yang, Zhirong, Jaakko Peltonen and Samuel Kaski. "Majorization-minimization for manifold embedding". *Journal of Machine Learning Research*. 2015, 38. 1088-1097.
- Yang, Zhirong, Jaakko Peltonen and Samuel Kaski "Optimization equivalence of divergences improves neighbor embedding". *31st International Conference on Machine Learning, ICML 2014*. International Machine Learning Society (IMLS). 2014, 1808-1839.
- Yang, Miao et al. "Peer to Peer Offloading with Delayed Feedback: An Adversary Bandit Approach". *2020 IEEE International Conference on Acoustics, Speech, and Signal Processing, ICASSP 2020 - Proceedings*. ICASSP, IEEE International Conference on Acoustics, Speech and Signal Processing - Proceedings. IEEE. 2020, 5035-5039. <https://doi.org/10.1109/ICASSP40776.2020.9053680>
- Yan, Song, Johan Wirta, and Joni-Kristian Kämäräinen. "Anthropometric clothing measurements from 3D body scans". *Machine Vision and Applications*. 2020. 31(1-2). <https://doi.org/10.1007/s00138-019-01054-4>
- Wu, Shenpei et al. "Parameterized scheduling for signal processing systems using topological patterns". *2012 IEEE International Conference on Acoustics, Speech, and Signal Processing, ICASSP 2012 - Proceedings*. 2012, 1561-1564. <https://doi.org/10.1109/ICASSP.2012.6288190>

Wu, Hsiang Huang et al. "A model-based schedule representation for heterogeneous mapping of dataflow graphs". *2011 IEEE International Symposium on Parallel and Distributed Processing, Workshops and Phd Forum, IPDPSW 2011*. 2011, 70-81. <https://doi.org/10.1109/IPDPS.2011.128>

Wu, Jiahao et al. "A design tool for high performance image processing on multicore platforms". *Proceedings of the 2018 Design, Automation and Test in Europe Conference and Exhibition, DATE 2018*. IEEE. 2018, 1304-1309. <https://doi.org/10.23919/DATE.2018.8342215>

Wilks, Yorick et al. "Some background on dialogue management and conversational speech for dialogue systems". *Computer Speech and Language*. 2011, 25(2). 128-139. <https://doi.org/10.1016/j.csl.2010.03.001>

Wang, Shanshan, Gaurav Naithani, and Tuomas Virtanen "Low-latency Deep Clustering for Speech Separation". *2019 IEEE International Conference on Acoustics, Speech, and Signal Processing, ICASSP 2019 - Proceedings*. IEEE. 2019, 76-80. <https://doi.org/10.1109/ICASSP.2019.8683437>

Voutilainen, Jari Pekka et al. "HTML5-based mobile agents for Web-of-Things". *Informatica*. 2016, 40(1). 43-51.

Vorwerk, J. et al. "A Mixed Finite Element Method to Solve the EEG Forward Problem". *IEEE Transactions on Medical Imaging*. 2017, 36(4). 930-941. <https://doi.org/10.1109/TMI.2016.2624634>

Voronin, V. et al. "Combined local and global image enhancement algorithm". *Electronic Imaging: Image Processing: Algorithms and Systems XVI*. Society for Imaging Science and Technology. 2018. <https://doi.org/10.2352/ISSN.2470-1173.2018.13.IPAS-220>

Virtanen, Antti et al. "On continuous deployment maturity in customer projects". *32nd Annual ACM Symposium on Applied Computing, SAC 2017*. ACM. 2017, 1205-1212. <https://doi.org/10.1145/3019612.3019777>

Viitanen, Marko et al. "Low latency edge rendering scheme for interactive 360 degree virtual reality gaming". *Proceedings - 2018 IEEE 38th International Conference on Distributed Computing Systems, ICDCS 2018*. IEEE. 2018, 1557-1560. <https://doi.org/10.1109/ICDCS.2018.00168>

Vihonen, Juho et al. "Novel pairwise coupled kinematic solution for algebraic angular acceleration estimation of serial link manipulators". *2015 IEEE International Conference on Robotics and Automation (ICRA)*. Institute of Electrical and Electronics Engineers IEEE. 2015, 809-814. <https://doi.org/10.1109/ICRA.2015.7139271>

Verginadis, Yiannis et al. "PaaSword: A holistic data privacy and security by design framework for cloud services". *CLOSER 2015 - 5th International Conference on Cloud Computing and Services Science, Proceedings*. SCITEPRESS. 2015, 206-213.

Venesvirta, Hanna et al. "Emotional Reactions to Point-Light Display Animations". *Interacting with Computers*. 2016, 28(4). 521-531. <https://doi.org/10.1093/iwc/iwv028>

Varsaluoma, Jari et al. "Guidelines for development and evaluation of usage data analytics tools for human-machine interactions with industrial manufacturing systems". *Mindtrek 2018 - Proceedings of the 22nd International Academic Mindtrek Conference*. ACM. 2018, 172-181. <https://doi.org/10.1145/3275116.3275138>

Varkoi, Timo et al. "Validating effectiveness of safety requirements' compliance evaluation in process assessments". *Journal of Software: Evolution and Process*. 2020. 32(3). <https://doi.org/10.1002/smr.2177>

Van Oosterhout, Anke, Miguel Bruns Alonso and Satu Jumisko-Pyykkö "Ripple thermostat: Affecting the emotional experience through interactive force feedback and shape change". *Proceedings of the 2018 CHI Conference on Human Factors in Computing Systems*. ACM. 2018. <https://doi.org/10.1145/3173574.3174229>

van Mellaert, R. et al. "Mixed-integer linear programming approach for global discrete sizing optimization of frame structures". *Structural and Multidisciplinary Optimization*. 2018, 57(2). 579–593. <https://doi.org/10.1007/s00158-017-1770-9>

Valmari, Antti. "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>

Valmari, Antti "A State Space Tool for Concurrent System Models Expressed In C++", Nummenmaa, Jyrki Sievi-Korte, Outi Mäkinen, Erkki (editors). *SPLST 2015 Symposium on Programming Languages and Software Tools: Proceedings of the 14th Symposium on Programming Languages and Software Tools (SPLST'15) Tampere, Finland, Oct 9-10, 2015*. CEUR Workshop Proceedings. CEUR-WS.org. 2015, 91-105.

Valmari, Antti. "Stop it, and be stubborn!". *ACM Transactions on Embedded Computing Systems*. 2017. 16(2). <https://doi.org/10.1145/3012279>

Valmari, Antti and Walter Vogler. "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>

Välimäki, Tuomas and Risto Ritala "Optimizing gaze direction in a visual navigation task". *2016 IEEE International Conference on Robotics and Automation (ICRA)*. IEEE. 2016, 1427-1432. <https://doi.org/10.1109/ICRA.2016.7487276>

Valenti, Michele et al. "A convolutional neural network approach for acoustic scene classification". *2017 International Joint Conference on Neural Networks, IJCNN 2017*. IEEE. 2017, 1547-1554. <https://doi.org/10.1109/IJCNN.2017.7966035>

Vajaranta, Markku et al. "Feasibility of FPGA accelerated IPsec on cloud". *Microprocessors and Microsystems*. 2019. 71. <https://doi.org/10.1016/j.micpro.2019.102861>

Vafaei, Alaleh, Mohammad M. Aref and Hamid D. Taghirad "Integrated controller for an over-constrained cable driven parallel manipulator: KNTU CDRPM". *Proceedings - IEEE International Conference on Robotics and Automation*. 2010, 650-655. <https://doi.org/10.1109/ROBOT.2010.5509991>

Vadivel, Kanishkan et al. "Towards Efficient Code Generation for Exposed Datapath Architectures". Stuijk, Sander (ed.). *Proceedings of the 22nd International Workshop on Software and Compilers for Embedded Systems, SCOPES 2019*. ACM. 2019, 86-89. <https://doi.org/10.1145/3323439.3323990>

Väätäjä, Heli and Paul Egglestone "Briefing news reporting with mobile assignments - Perceptions, needs and challenges". *Proceedings of the ACM 2012 conference on Computer Supported Cooperative Work CSCW'12 Seattle, WA, USA, February 11-15, 2012*. ACM Conference on Computer Supported Cooperative Work. New York, NY: ACM. 2012, 485-494. <https://doi.org/10.1145/2145204.2145280>

Unterkalmsteiner, Michael et al. "Software Startups - A Research Agenda". *e-Infomatica Software Engineering Journal*. 2016, 10(1). 89-123. <https://doi.org/10.5277/e-Inf160105>

Turunen, Markku et al. "Multimodal and mobile conversational Health and Fitness Companions". *Computer Speech and Language*. 2011, 25(2). 192-209. <https://doi.org/10.1016/j.csl.2010.04.004>

Turunen, Esko. "Necessary and sufficient conditions for the existence of solution of generalized fuzzy relation equations  $A \Leftrightarrow X = B$ ". *Information Sciences*. 2020, 536. 351-357. <https://doi.org/10.1016/j.ins.2020.05.015>

Tsantekidis, Avraam et al. "Using Deep Learning for price prediction by exploiting stationary limit order book features". *Applied Soft Computing Journal*. 2020. 93. <https://doi.org/10.1016/j.asoc.2020.106401>

Tretter, Andreas et al. "Executing dataflow actors as kahn processes". *2015 Proceedings of the International Conference on Embedded Software, EMSOFT 2015*. Institute of Electrical and Electronics Engineers Inc. 2015, 105-114. <https://doi.org/10.1109/EMSOFT.2015.7318265>

Tran, Hai Nam et al. "Toward efficient many-core scheduling of partial expansion graphs". *Proceedings of the 21st International Workshop on Software and Compilers for Embedded Systems, SCOPES 2018*. Association for Computing Machinery, Inc. 2018, 100-103. <https://doi.org/10.1145/3207719.3207734>

Tran, Dat Thanh et al. "PyGOP: A Python library for Generalized Operational Perceptron algorithms". *Knowledge-Based Systems*. 2019. <https://doi.org/10.1016/j.knosys.2019.06.009>

Tokola, Henri, Esko Niemi and Ville Väistö "Lean manufacturing methods in simulation literature: Review and association analysis". *2015 Winter Simulation Conference (WSC)*. 2016, 2239-2248. <https://doi.org/10.1109/WSC.2015.7408336>

Toivonen, Saara and Olli Sotamaa "Of discs, boxes and cartridges: The material life of digital games". *Proceedings of DiGRA 2011 Conference: Think Design Play*. 2011.

Tohka, Jussi et al. "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>

Thanh Tran, Dat, Moncef Gabbouj and Alexandros Iosifidis. "Multilinear class-specific discriminant analysis". *Pattern Recognition Letters*. 2017, 100. 131-136. <https://doi.org/10.1016/j.patrec.2017.10.027>

Thabet, Mohammad, Alberto Montebelli and Ville Kyrki "Learning movement synchronization in multi-component robotic systems". *2016 IEEE International Conference on Robotics and Automation (ICRA)*. IEEE. 2016, 249-256. <https://doi.org/10.1109/ICRA.2016.7487141>

Taivalsaari, Antero et al. "Comparing the Built-In Application Architecture Models in the Web Browser". *2017 IEEE International Conference on Software Architecture (ICSA)*. IEEE. 2017, 51-54. <https://doi.org/10.1109/ICSA.2017.23>

Taibi, Davide et al. "Microservices in agile software development: A workshop-based study into issues, advantages, and disadvantages". *Proceedings of the XP2017 Scientific Workshops, XP 2017*. Association for Computing Machinery. 2017. <https://doi.org/10.1145/3120459.3120483>

Taibi, D. et al. "Operationalizing the experience factory for effort estimation in agile processes". *Proceedings of the 21st International Conference on Evaluation and Assessment in Software Engineering, EASE 2017*. Association for Computing Machinery. 2017, 31-40. <https://doi.org/10.1145/3084226.3084240>

Taibi, Davide et al. "Comparing communication effort within the scrum, scrum with Kanban, XP, and Banana development processes". *Proceedings of the 21st International Conference on Evaluation and Assessment in Software Engineering, EASE 2017*. Association for Computing Machinery. 2017, 258-263. <https://doi.org/10.1145/3084226.3084270>

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

Taibi, Davide and Valentina Lenarduzzi. "On the Definition of Microservice Bad Smells". *IEEE Software*. 2018, 35(3). 56-62. <https://doi.org/10.1109/MS.2018.2141031>

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

Taibi, Davide et al. "Patterns for serverless functions (Function-as-a-Service): A multivocal literature review"., Ferguson, Donald Helfert, Markus Pahl, Claus (editors). *CLOSER 2020 - Proceedings of the 10th International Conference on Cloud Computing and Services Science*. SCITEPRESS. 2020, 181-192. <https://doi.org/10.5220/0009578501810192>

Syeed, M. M Mahbulbul, Imed Hammouda and Tarja Systä. "Prediction models and techniques for Open Source Software projects: A systematic literature review". *International Journal of Open Source Software and Processes*. 2014, 5(2). 1-39. <https://doi.org/10.4018/ijossp.2014040101>

Suzumori, Koichi et al. "Preface: Special Issue on 'New Hydraulic Components for Tough Robots'". *Advanced Robotics*. 2018. 32(9). <https://doi.org/10.1080/01691864.2018.1466427>

Suonsyrjä, Sampo and Tommi Mikkonen "Designing an Unobtrusive Analytics Framework for Monitoring Java Applications"., Kobyliński, Andrzej Czarnacka-Chrobot, Beata Świerczek, Jarosław (editors). *Software Measurement: 25th International Workshop on Software Measurement and 10th International Conference on Software Process and Product Measurement, IWSM-Mensura 2015, Kraków, Poland, October 5–7, 2015, Proceedings*. Lecture Notes in Business Information Processing. Springer International Publishing. 2015, 160-175. [https://doi.org/10.1007/978-3-319-24285-9\\_11](https://doi.org/10.1007/978-3-319-24285-9_11)

Suonsyrjä, Sampo et al. "Collecting usage data for software development: Selection framework for technological approaches". *Proceedings - SEKE 2016: 28th International Conference on Software Engineering and Knowledge Engineering*. Knowledge Systems Institute Graduate School. 2016, 114-119. <https://doi.org/10.18293/SEKE2016-186>

Suonsyrjä, Sampo et al. "Post-deployment data: A recipe for satisfying knowledge needs in software development?". *2016 Joint Conference of the International Workshop on Software Measurement and the International Conference on Software Process and Product Measurement (IWSM-MENSURA)*. IEEE. 2017, 139-147. <https://doi.org/10.1109/IWSM-Mensura.2016.029>

Strokina, Nataliya et al. "Detection of bubbles as concentric circular arrangements". *Machine Vision and Applications*. 2016, 27(3). 387-396. <https://doi.org/10.1007/s00138-016-0749-7>

Stenros, Jaakko and Markus Montola "The making of Nordic larp: Documenting a tradition of ephemeral co-creative play". *Proceedings of DiGRA 2011 Conference: Think Design Play*. 2011.

Stenros, Jaakko et al. "Narrative friction in Alternate Reality Games: Design insights from conspiracy for good". *Proceedings of DiGRA 2011 Conference: Think Design Play*. 2011.

Špakov, Oleg and Päivi Majaranta "Enhanced gaze interaction using simple head gestures". *UbiComp'12 - Proceedings of the 2012 ACM Conference on Ubiquitous Computing*. 2012, 705-710.

Špakov, Oleg "Comparison of gaze-to-objects mapping algorithms". *Proceedings of the 1st Conference on Novel Gaze-Controlled Applications, NGCA'11*. 2011. <https://doi.org/10.1145/1983302.1983308>

Sohrab, Fahad et al. "Multimodal subspace support vector data description". *Pattern Recognition*. 2020. 110. <https://doi.org/10.1016/j.patcog.2020.107648>

Smolander, Kari, Matti Rossi, and Samuli Pekkola "Collaboration change in enterprise software development". *Proceedings - 9th International Workshop on Cooperative and Human Aspects of Software Engineering, CHASE 2016*. ACM. 2016, 68-74. <https://doi.org/10.1145/2897586.2897590>

Smith, Cameron et al. "Interaction strategies for an affective conversational agent". *Presence: Teleoperators and Virtual Environments*. 2011, 20(5). 395-411. [https://doi.org/10.1162/PRES\\_a\\_00063](https://doi.org/10.1162/PRES_a_00063)

Skenderi, Erjon et al. "Investigation of egocentric social structures for diversity-enhancing followee recommendations". *ACM UMAP 2019 Adjunct - Adjunct Publication of the 27th Conference on User Modeling, Adaptation and Personalization*. ACM. 2019, 257-261. <https://doi.org/10.1145/3314183.3323460>

Sjöblom, Max et al. "Liking the game: How can spectating motivations influence social media usage at live esports events?". *Proceedings of the 9th International Conference on Social Media and Society, SMSociety 2018*. ACM. 2018, 160-167. <https://doi.org/10.1145/3217804.3217908>

Simmons, Nidhi et al. "The Double Shadowed  $\kappa$ - $\mu$  Fading Model". *2019 International Conference on Wireless and Mobile Computing, Networking and Communications, WiMob 2019*. International Conference on Wireless and Mobile Computing, Networking and Communications. IEEE. 2019. <https://doi.org/10.1109/WiMOB.2019.8923336>

Silverajan, Bilhanan et al. "Collaborative cloud-based management of home networks". *Proceedings of the 2015 IFIP/IEEE International Symposium on Integrated Network Management, IM 2015*. IEEE. 2015, 786-789. <https://doi.org/10.1109/INM.2015.7140376>

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

Sievi-Korte, Outi, Sarah Beecham and Ita Richardson. "Challenges and recommended practices for software architecting in global software development". *Information and Software Technology*. 2019, 106. 234-253. <https://doi.org/10.1016/j.infsof.2018.10.008>

Sievi-Korte, Outi, Ita Richardson and Sarah Beecham. "Software architecture design in global software development: An empirical study". *Journal of Systems and Software*. 2019. 158. <https://doi.org/10.1016/j.jss.2019.110400>

Sharmin, Selina, Oleg Špakov and Kari Jouko Rähä. "Dynamic text presentation in print interpreting - An eye movement study of reading behaviour". *International Journal of Human-Computer Studies*. 2015, 78. 17-30. <https://doi.org/10.1016/j.ijhcs.2015.01.010>

Sharmin, Selina, Oleg Špakov and Kari Jouko Rähä "Reading on-screen text with gaze-based auto-scrolling". *Proceedings of the 2013 Conference on Eye Tracking South Africa, ETSA 2013*. 2013, 24-31. <https://doi.org/10.1145/2509315.2509319>

Sharma, Sumita et al. "Body-touching: An embodied interaction technique for health information systems in developing regions". *MINDTREK 2014 - Proceedings of the 18th International Academic MindTrek Conference: "Media Business, Management, Content and Services"*. Association for Computing Machinery, Inc. 2014, 49-56. <https://doi.org/10.1145/2676467.2676514>

Sharifzadeh, Sara, Jagati Tata, and Bo Tan "Farm detection based on deep convolutional neural nets and semi-supervised green texture detection using VIS-NIR satellite image"., Hammoudi, Slimane Quix, Christoph Bernardino, Jorge (editors). *DATA 2019 - Proceedings of the 8th International Conference on Data Science, Technology and Applications*. SCITEPRESS. 2019, 100-108. <https://doi.org/10.5220/0007954901000108>

Sariola, Veikko et al. "Silicon capillary gripper with self-alignment capability". *2011 IEEE International Conference on Robotics and Automation, ICRA 2011*. 2011, 4098-4103. <https://doi.org/10.1109/ICRA.2011.5979980>

Sariola, Rami "Exploiting suppliers' potential in construction innovations". *2017 International Conference on Engineering, Technology and Innovation: Engineering, Technology and Innovation Management Beyond 2020: New Challenges, New Approaches, ICE/ITMC 2017 - Proceedings*. IEEE. 2018, 678-684. <https://doi.org/10.1109/ICE.2017.8279950>

Sarbu, Septimia "On Renyi's entropy estimation with one-dimensional Gaussian kernels". *2016 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)*. IEEE. 2016, 4408-4412. <https://doi.org/10.1109/ICASSP.2016.7472510>

San Juan Sebastián, Pablo et al. "Analysis of an efficient parallel implementation of active-set Newton algorithm". *Journal of Supercomputing*. 2019, 75(3). 1298-1309. <https://doi.org/10.1007/s11227-018-2423-5>

Sand, Antti and Ismo Rakkolainen "Mixed reality with multimodal head-mounted pico projector". *Proceedings of the Virtual Reality International Conference on Laval Virtual, VRIC 2013*. 2013. <https://doi.org/10.1145/2466816.2466831>

Salo, Kari, Merja Bauters and Tommi Mikkonen "User generated soundscapes activating museum visitors". *32nd Annual ACM Symposium on Applied Computing, SAC 2017*. ACM. 2017, 220-227. <https://doi.org/10.1145/3019612.3019691>

Salo, Kari et al. "Modular audio story platform for museums". *IUI 2017 - Companion of the 22nd International Conference on Intelligent User Interfaces*. ACM. 2017, 113-116. <https://doi.org/10.1145/3030024.3040975>

Salmela, Jussi Matti et al. "Games and energy: Profiling power usage during play". *MINDTREK 2014 - Proceedings of the 18th International Academic MindTrek Conference: "Media Business, Management, Content and Services"*. Association for Computing Machinery, Inc. 2014, 192-199. <https://doi.org/10.1145/2676467.2676488>

Saketi, Pooya et al. "Electroplated nickel microspring and low-friction precision linear slider: A novel micro-force sensing tool". *2015 IEEE International Conference on Robotics and Automation (ICRA), 26-30 May 2015, Seattle, WA*. 2015, 2679-2684. <https://doi.org/10.1109/ICRA.2015.7139561>

Sahin, Erdem et al. "Conversion of sparsely-captured light field into alias-free fullparallax multiview content". *Electronic Imaging: Stereoscopic Displays and Applications XXIX*. Society for Imaging Science and Technology. 2018, 1441-1445. <https://doi.org/10.2352/ISSN.2470-1173.2018.04.SDA-144>

Sabuncuoğlu, Alpay et al. "Code notes: Designing a low-cost tangible coding tool for/with children". *IDC 2018 - Proceedings of the 2018 ACM Conference on Interaction Design and Children*. ACM. 2018, 644-649. <https://doi.org/10.1145/3202185.3210791>

Ruotsalo, Tuukka et al. "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, 1043-1044. <https://doi.org/10.1145/2766462.2767863>

Ruotsalo, Tuukka et al. "IntentRadar: Search user interface that anticipates user's search intents". *CHI EA 2014: One of a ChiNd - Extended Abstracts, 32nd Annual ACM Conference on Human Factors in Computing Systems*. Association for Computing Machinery. 2014, 455-458. <https://doi.org/10.1145/2559206.2574807>

Ruohonen, Jukka, Sami Hyrynsalmi and Ville Leppänen "Exploring the use of deprecated PHP releases in the wild internet: Still a LAMP issue?". *6th International Conference on Web Intelligence, Mining and Semantics, WIMS 2016*. Association for Computing Machinery. 2016. <https://doi.org/10.1145/2912845.2912851>

Ruohonen, Jukka, Sami Hyrynsalmi and Ville Leppänen "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. <https://doi.org/10.1109/RCIS.2016.7549301>

Ruohonen, Jukka, Sami Hyrynsalmi and Ville Leppänen. "Time series trends in software evolution". *Journal of Software: Evolution and Process*. 2015, 27(12). 990-1015. <https://doi.org/10.1002/smr.1755>

Ruohonen, Jukka, Sami Hyrynsalmi and Ville Leppänen "Exploring the Stability of Software with Time-Series Cross-Sectional Data". *Proceedings - 2nd International Workshop on Software Architecture and Metrics, SAM 2015*. Institute of Electrical and Electronics Engineers Inc. 2015, 41-47. <https://doi.org/10.1109/SAM.2015.13>

- Ruohonen, Jukka, Sami Hyrynsalmi and Ville Leppänen "Software evolution and time series volatility: An empirical exploration". *14th International Workshop on Principles of Software Evolution, IWPSE 2015 - Proceedings*. Institute of Electrical and Electronics Engineers Inc. 2015, 56-65. <https://doi.org/10.1145/2804360.2804367>
- Rubel, Oleksii et al. "Is Texture Denoising Efficiency Predictable?". *International Journal of Pattern Recognition and Artificial Intelligence*. 2018. 32(1). <https://doi.org/10.1142/S0218001418600054>
- Rosati, Pierangelo et al. "Making the cloud work for software producers: Linking architecture, operating cost and revenue". *CLOSER 2018 - Proceedings of the 8th International Conference on Cloud Computing and Services Science*. SCITEPRESS. 2018, 364-375. <https://doi.org/10.5220/0006679303640375>
- Robertsén, Fredrik, Keijo Mattila and Jan Westerholm. "High-performance SIMD implementation of the lattice-Boltzmann method on the Xeon Phi processor". *Concurrency Computation*. 2019. 31(13). <https://doi.org/10.1002/cpe.5072>
- Rindell, Kalle, Sami Hyrynsalmi and Ville Leppänen "A comparison of security assurance support of agile software development methods". *Computer Systems and Technologies - 16th International Conference, CompSysTech 2015: Proceedings*. Association for Computing Machinery. 2015, 61-68. <https://doi.org/10.1145/2812428.2812431>
- Riabchenko, Ekaterina and Joni-Kristian Kämäräinen. "Generative part-based Gabor object detector". *Pattern Recognition Letters*. 2015, 68(P1). 1-8. <https://doi.org/10.1016/j.patrec.2015.08.004>
- Rauhamaäki, Jari "Patterns for safety system bus architecture". *Proceedings of the 10th Travelling Conference on Pattern Languages of Programs, VikingPLoP 2016*. ACM. 2016. <https://doi.org/10.1145/3022636.3022640>
- Ratia, M., J. Myllärniemi, and N. Helander "Robotic process automation - Creating value by digitalizing work in the private healthcare?". *Mindtrek 2018 - Proceedings of the 22nd International Academic Mindtrek Conference*. ACM. 2018, 222-227. <https://doi.org/10.1145/3275116.3275129>
- Räsänen, Okko et al. "Automatic word count estimation from daylong child-centered recordings in various language environments using language-independent syllabification of speech". *Speech Communication*. 2019, 113. 63-80. <https://doi.org/10.1016/j.specom.2019.08.005>
- Rantala, Jussi et al. "Haptic feedback of gaze gestures with glasses: Localization accuracy and effectiveness". *UbiComp and ISWC 2015 - Proceedings of the 2015 ACM International Joint Conference on Pervasive and Ubiquitous Computing and the Proceedings of the 2015 ACM International Symposium on Wearable Computers*. Association for Computing Machinery, Inc. 2015, 855-862. <https://doi.org/10.1145/2800835.2804334>
- Rantala, Jussi et al. "Glasses with haptic feedback of gaze gestures". *CHI EA 2014: One of a ChiNd - Extended Abstracts, 32nd Annual ACM Conference on Human Factors in Computing Systems*. Association for Computing Machinery. 2014, 1597-1602. <https://doi.org/10.1145/2559206.2581163>
- Rantala, Jussi et al. "Touch gestures in communicating emotional intention via vibrotactile stimulation". *International Journal of Human-Computer Studies*. 2013, 71(6). 679-690. <https://doi.org/10.1016/j.ijhcs.2013.02.004>
- Rakkolainen, Ismo et al. "Casual immersive viewing with smartphones". *AcademicMindtrek 2016 - Proceedings of the 20th International Academic Mindtrek Conference*. ACM. 2016, 449-452. <https://doi.org/10.1145/2994310.2994314>
- Rakkolainen, Ismo and Antti Sand "A movable immaterial volumetric display". *SIGGRAPH Asia 2013 Posters, SA 2013*. 2013. <https://doi.org/10.1145/2542302.2542305>
- Raitoharju, Jenni, Serkan Kiranyaz, and Moncef Gabbouj. "Feature synthesis for image classification and retrieval via one-against-all perceptrons". *Neural Computing and Applications*. 2018, 29(4). 943-957. <https://doi.org/10.1007/s00521-016-2504-4>



Raitoharju, M. et al. "Gaussian mixture models for signal mapping and positioning". *Signal Processing*. 2020. 168. <https://doi.org/10.1016/j.sigpro.2019.107330>

Räihä, Kari Jouko and Selina Sharmin "Gaze-contingent scrolling and reading patterns". *Proceedings of the NordiCHI 2014: The 8th Nordic Conference on Human-Computer Interaction: Fun, Fast, Foundational*. Association for Computing Machinery, Inc. 2014, 65-68. <https://doi.org/10.1145/2639189.2639242>

Räihä, Kari Jouko and Saira Ovaska "An exploratory study of eye typing fundamentals: Dwell time, text entry rate, errors, and workload". *Conference Proceedings - The 30th ACM Conference on Human Factors in Computing Systems, CHI 2012*. 2012, 3001-3010. <https://doi.org/10.1145/2207676.2208711>

Quinn, Philip et al. "On the costs of multiple trajectory pointing methods". *CHI 2011 - 29th Annual CHI Conference on Human Factors in Computing Systems, Conference Proceedings and Extended Abstracts*. 2011, 859-862. <https://doi.org/10.1145/1978942.1979067>

Ponomarenko, Nikolay et al. "Image database TID2013: Peculiarities, results and perspectives". *Signal Processing: Image Communication*. 2015, 30. 57-77. <https://doi.org/10.1016/j.image.2014.10.009>

Ponomarenko, Mykola, Vladimir Katkovnik, and Karen Egiazarian "Methods and tools for denoising of complex-valued images based on block-matching and high order singular value decomposition". *Electronic Imaging: Image Processing: Algorithms and Systems XVI*. Society for Imaging Science and Technology. 2018. <https://doi.org/10.2352/ISSN.2470-1173.2018.13.IPAS-306>

Ponomarenko, Mykola et al. "Blind estimation of white Gaussian noise variance in highly textured images". *Electronic Imaging: Image Processing: Algorithms and Systems XVI*. Society for Imaging Science and Technology. 2018. <https://doi.org/10.2352/ISSN.2470-1173.2018.13.IPAS-382>

Ponomarenko, Mykola et al. "Additional lossless compression of JPEG images based on BPG". *Image Processing: Algorithms and Systems XVII*. IS and T International Symposium on Electronic Imaging Science and Technology. 2019. <https://doi.org/10.2352/ISSN.2470-1173.2019.11.IPAS-263>

Ponomarenko, Mykola, Vladimir Katkovnik, and Karen Egiazarian "Phase masks optimization for broadband diffractive imaging". *Image Processing: Algorithms and Systems XVII*. IS and T International Symposium on Electronic Imaging Science and Technology. 2019. <https://doi.org/10.2352/ISSN.2470-1173.2019.11.IPAS-258>

Pirhonen, Antti et al. "Human-technology choreographies: Re-thinking body, movement and space in interaction design". *Proceedings of the NordiCHI 2014: The 8th Nordic Conference on Human-Computer Interaction: Fun, Fast, Foundational*. Association for Computing Machinery, Inc. 2014, 841-844. <https://doi.org/10.1145/2639189.2654843>

Petrov, Vitaly, Maria Komar, and Yevgeni Koucheryavy "A lightweight many-to-many authentication protocol for near field communications". *Proceedings of the 2013 21st IEEE International Conference on Network Protocols, ICNP 2013*. IEEE COMPUTER SOCIETY PRESS. 2013. <https://doi.org/10.1109/ICNP.2013.6733633>

Pertilä, Pasi and Joonas Nikunen. "Distant speech separation using predicted time-frequency masks from spatial features". *Speech Communication*. 2015, 68. 97-106. <https://doi.org/10.1016/j.specom.2015.01.006>

Pertilä, Pasi and Mikko Parviainen "Time Difference of Arrival Estimation of Speech Signals Using Deep Neural Networks with Integrated Time-frequency Masking". *2019 IEEE International Conference on Acoustics, Speech, and Signal Processing, ICASSP 2019 - Proceedings*. IEEE. 2019, 436-440. <https://doi.org/10.1109/ICASSP.2019.8682574>

Peltonen, Jaakko and Ziyuan Lin. "Information retrieval approach to meta-visualization". *Machine Learning*. 2015, 99(2). 189-229. <https://doi.org/10.1007/s10994-014-5464-x>

Peltonen, Jaakko and Ziyuan Lin. "Information retrieval perspective to meta-visualization". *Journal of Machine Learning Research*. 2013, 29. 165-180.

Peltonen, Jaakko and Samuel Kaski. "Generative modeling for maximizing precision and recall in information visualization". *Journal of Machine Learning Research*. 2011, 15. 579-587.

Pelcat, Maxime et al. "Reproducible Evaluation of System Efficiency with a Model of Architecture: From Theory to Practice". *IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems*. 2018, 37(10). 2050-2063. <https://doi.org/10.1109/TCAD.2017.2774822>

Passalis, Nikolaos et al. "Deep Temporal Logistic Bag-of-features for Forecasting High Frequency Limit Order Book Time Series". *2019 IEEE International Conference on Acoustics, Speech, and Signal Processing, ICASSP 2019 - Proceedings*. IEEE. 2019, 7545-7549. <https://doi.org/10.1109/ICASSP.2019.8682297>

Passalis, Nikolaos et al. "Variance Preserving Initialization for Training Deep Neuromorphic Photonic Networks with Sinusoidal Activations". *2019 IEEE International Conference on Acoustics, Speech, and Signal Processing, ICASSP 2019 - Proceedings*. IEEE. 2019, 1483-1487. <https://doi.org/10.1109/ICASSP.2019.8682218>

Passalis, Nikolaos et al. "Adaptive Normalization for Forecasting Limit Order Book Data Using Convolutional Neural Networks". *2020 IEEE International Conference on Acoustics, Speech, and Signal Processing, ICASSP 2020 - Proceedings*. ICASSP, IEEE International Conference on Acoustics, Speech and Signal Processing - Proceedings. IEEE. 2020, 1713-1717. <https://doi.org/10.1109/ICASSP40776.2020.9054321>

Partala, Timo and Sari Kujala. "Exploring the role of ten universal values in using products and services". *Interacting with Computers*. 2016, 28(3). 311-331. <https://doi.org/10.1093/iwci/iww007>

Paladi, Nicolae, Antonios Michalas and Hai Van Dang "Towards secure cloud orchestration for multi-cloud deployments". *CrossCloud 2018 - 5th Workshop on CrossCloud Infrastructures and Platforms, colocated with EuroSys 2018*. ACM. 2018. <https://doi.org/10.1145/3195870.3195874>

Paladi, Nicolae, Antonis Michalas and Christian Gehrmann "Domain based storage protection with secure access control for the cloud". *SCC 2014 - Proceedings of the 2nd International Workshop on Security in Cloud Computing*. Association for Computing Machinery. 2014, 35-42. <https://doi.org/10.1145/2600075.2600082>

Pajarinen, Joni, Ari Hottinen and Jaakko Peltonen. "Optimizing spatial and temporal reuse in wireless networks by decentralized partially observable markov decision processes". *IEEE Transactions on Mobile Computing*. 2014, 13(4). 866-879. <https://doi.org/10.1109/TMC.2013.39>

Pajarinen, Joni et al. "Compatible natural gradient policy search". *Machine Learning*. 2019. <https://doi.org/10.1007/s10994-019-05807-0>

Övermark, Reetta, Poika Isokoski and Salla Ovaska "Seniors and text messaging on mobile touchscreen phones". *Proceedings of the NordiCHI 2014: The 8th Nordic Conference on Human-Computer Interaction: Fun, Fast, Foundational*. Association for Computing Machinery, Inc. 2014, 967-970. <https://doi.org/10.1145/2639189.2670252>

Orelma, H. "Continuum approach to high-cycle fatigue. The finite life-time case with stochastic stress history". *Vestnik Samarskogo Gosudarstvennogo Tekhnicheskogo Universiteta, Seriya Fiziko-Matematicheskie Nauki*. 2019, 23(3). 452-463. <https://doi.org/10.14498/vsgtu1705>

Ometov, Aleksandr et al. "Challenges of Multi-Factor Authentication for Securing Advanced IoT Applications". *IEEE Network*. 2019, 33(2). 82-88. <https://doi.org/10.1109/MNET.2019.1800240>

Olsson, Thomas "Layers of user expectations of future technologies: An early framework". *CHI EA 2014: One of a ChiNd - Extended Abstracts, 32nd Annual ACM Conference on Human Factors in Computing Systems*. Association for Computing Machinery. 2014, 1957-1962. <https://doi.org/10.1145/2559206.2581225>

Oftadeh, Reza et al. "System integration for real-time mobile manipulation". *international Journal of Advanced Robotic Systems*. 2014. 11(1). <https://doi.org/10.5772/58467>

Oftadeh, Reza, Reza Ghabcheloo, and Jouni Mattila "A time-optimal bounded velocity path-following controller for generic Wheeled Mobile Robots". *2015 IEEE International Conference on Robotics and Automation (ICRA), 26-30 May 2015, Seattle, WA*. Institute of Electrical and Electronics Engineers IEEE. 2015, 676-683. <https://doi.org/10.1109/ICRA.2015.7139252>

Obaid, Mohammad et al. "Designing for experiences with socially interactive robots". *NordiCHI 2018: Revisiting the Life Cycle - Proceedings of the 10th Nordic Conference on Human-Computer Interaction*. ACM. 2018, 948-951. <https://doi.org/10.1145/3240167.3240257>

Nyländen, Teemu et al. "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>

Nupponen, Jussi and Davide Taibi "Serverless: What it Is, What to Do and What Not to Do". *2020 IEEE International Conference on Software Architecture Companion, ICSA-C 2020*. IEEE. 2020, 49-50. <https://doi.org/10.1109/ICSA-C50368.2020.00016>

Nummenmaa, Jyrki, Maija Marttila-Kontio and Timo Nummenmaa "Checking visual data flow programs with finite process models". *13th Symposium on Programming Languages and Software Tools, SPLST 2013 - Proceedings*. University of Szeged. 2013, 245-258.

Nummenmaa, Jyrki and Timo Nummenmaa "Database-driven tool support for DisCo executable specifications". *SPLST'11 - Proceedings 12th Symposium on Programming Languages and Software Tools*. 2011, 44-54.

Nummenmaa, Timo et al. "Need to touch, wonder of discovery, and social capital: Experiences with interactive playful seats". *ACE 2015 - 12th Advances in Computer Entertainment Technology Conference, Proceedings*. Association for Computing Machinery. 2015. <https://doi.org/10.1145/2832932.2832959>

Nummenmaa, Timo et al. "OASIS deck of cards - House of colleagues: A playful". *ACADEMICMINDTREK 2015 - Proceedings of the 19th International Academic Mindtrek Conference*. Association for Computing Machinery, Inc. 2015, 2-9. <https://doi.org/10.1145/2818187.2818296>

Nummenmaa, Timo et al. "MurMur Moderators, the talking playful seats". *MINDTREK 2014 - Proceedings of the 18th International Academic MindTrek Conference: "Media Business, Management, Content and Services"*. Association for Computing Machinery, Inc. 2014, 231-237. <https://doi.org/10.1145/2676467.2676505>

Nummenmaa, Timo and Ville Kankainen "Social features in hybrid board game marketing material"., Khosmood, Foad and Pirker, Johanna Apperley, Thomas Deterding, Sebastian (editors). *Proceedings of the 14th International Conference on the Foundations of Digital Games, FDG 2019*. ACM. 2019. <https://doi.org/10.1145/3337722.3341864>

Nukarinen, Tomi et al. "Effects of directional haptic and non-speech audio cues in a cognitively demanding navigation task". *Proceedings of the NordiCHI 2014: The 8th Nordic Conference on Human-Computer Interaction: Fun, Fast, Foundational*. Association for Computing Machinery, Inc. 2014, 61-64. <https://doi.org/10.1145/2639189.2639231>

Nouri, Sajjad, Davide Rossi, and Jari Nurmi. "Power mitigation of a heterogeneous multicore architecture on FPGA/ASIC by DFS/DVFS techniques". *Microprocessors and Microsystems*. 2018, 63. 259-268. <https://doi.org/10.1016/j.micpro.2018.09.010>

Nogues, E. et al. "Convex Energy Optimization of Streaming Applications for MPSoCs". *2019 IEEE International Conference on Acoustics, Speech, and Signal Processing, ICASSP 2019 - Proceedings*. IEEE. 2019, 1557-1561. <https://doi.org/10.1109/ICASSP.2019.8682317>

Nogueira, Idelfonso B.R. et al. "A quasi-virtual online analyser based on an artificial neural networks and offline measurements to predict purities of raffinate/extract in simulated moving bed processes". *Applied Soft Computing Journal*. 2018, 67. 29-47. <https://doi.org/10.1016/j.asoc.2018.03.001>

Nikunen, Joonas and Tuomas Virtanen "Estimation of time-varying room impulse responses of multiple sound sources from observed mixture and isolated source signals". *2018 IEEE International Conference on Acoustics, Speech, and Signal Processing, ICASSP 2018 - Proceedings*. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing. Institute of Electrical and Electronics Engineers Inc. 2018, 421-425. <https://doi.org/10.1109/ICASSP.2018.8462535>

Niemelä, Marketta, Aino Ahtinen and Markku Turunen "Social human-robot interaction in the wild: A workshop proposal for academic mindtrek 2020". *AcademicMindtrek 2020 - Proceedings of the 23rd International Academic Mindtrek Conference: January 2020, Tampere*. ACM. 2020, 168-169. <https://doi.org/10.1145/3377290.3377320>

Nguyen-Thanh, Duc et al. "LTE indoor MIMO performances field measurements". *International Conference on Advanced Technologies for Communications*. IEEE. 2015, 84-89. <https://doi.org/10.1109/ATC.2014.7043361>

Nanni, Loris et al. "Ensembles of dense and dense sampling descriptors for the HEp-2 cells classification problem". *Pattern Recognition Letters*. 2016, 82. 28-35. <https://doi.org/10.1016/j.patrec.2016.01.026>

Nanavati, A. A. et al. "Mobiscool: 1<sup>st</sup> 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, 1187-1190. <https://doi.org/10.1145/2786567.2795402>

Nanavati, Amit A. et al. "SiMPE: 8th workshop on speech and sound in mobile and pervasive environments". *MobileHCI 2013 - Proceedings of the 15th International Conference on Human-Computer Interaction with Mobile Devices and Services*. 2013, 626-629. <https://doi.org/10.1145/2493190.2499471>

Nanavati, Amit Anil et al. "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, 251-253. <https://doi.org/10.1145/2371664.2371727>

Naik, Deepa, Igor D.D. Curcio and Henri Toukoma "Optimized viewport dependent streaming of stereoscopic omnidirectional video". *Proceedings of the 23th ACM Workshop on Packet Video, PV 2018*. ACM. 2018, 37-42. <https://doi.org/10.1145/3210424.3210437>

Myllärniemi, Jussi, Nina Helander, and Samuli Pekkola "Challenges in developing data-based value creation", Bernardino, Jorge Salgado, Ana Filipe, Joaquim (editors). *IC3K 2019 - Proceedings of the 11th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management*. IC3K 2019 - Proceedings of the 11th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management. SCITEPRESS. 2019, 370-376.

Mygdalis, Vasileios et al. "Exploiting subclass information in one-class support vector machine for video summarization". *ICASSP, IEEE International Conference on Acoustics, Speech and Signal Processing - Proceedings*. The Institute of Electrical and Electronics Engineers, Inc. 2015, 2259-2263. <https://doi.org/10.1109/ICASSP.2015.7178373>

Multisilta, Jari, Hannele Niemi and Eric Hamilton "Children designing videos: Tools, pedagogical models, and best practices for digital storytelling and media-making in the classroom". *IDC 2017 - Proceedings of the 2017 ACM Conference on Interaction Design and Children*. ACM. 2017, 693-696. <https://doi.org/10.1145/3078072.3091982>

Mouaffo, Adrien, Davide Taibi and Kavyashree Jamboti "Controlled experiments comparing fault-tree-based safety analysis techniques". *18th International Conference on Evaluation and Assessment in Software Engineering, EASE 2014*. Association for Computing Machinery (ACM). 2014. <https://doi.org/10.1145/2601248.2601255>

Morschheuser, Benedikt et al. "Gamified crowdsourcing: Conceptualization, literature review, and future agenda". *International Journal of Human-Computer Studies*. 2017, 106. 26-43. <https://doi.org/10.1016/j.ijhcs.2017.04.005>

Morschheuser, Benedikt et al. "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>

Morasca, Sandro, Davide Taibi and Davide Tosi "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, 25-30. <https://doi.org/10.1109/FLOSS.2009.5071356>

Morasca, Sandro, Davide Taibi and Davide Tosi. "Guidelines for improving the testing process of open source software". *International Journal of Open Source Software and Processes*. 2011, 3(2). 1-22. <https://doi.org/10.4018/jossp.2011040101>

Mohammed, Wael M. et al. "Configuring and visualizing the data resources in a cloud-based data collection framework". *2017 International Conference on Engineering, Technology and Innovation: Engineering, Technology and Innovation Management Beyond 2020: New Challenges, New Approaches, ICE/ITMC 2017 - Proceedings*. IEEE. 2018, 1201-1208. <https://doi.org/10.1109/ICE.2017.8280017>

Mohammed, Wael M. et al. "A multi-agent approach for processing industrial enterprise data". *2017 International Conference on Engineering, Technology and Innovation: Engineering, Technology and Innovation Management Beyond 2020: New Challenges, New Approaches, ICE/ITMC 2017 - Proceedings*. IEEE. 2018, 1209-1215. <https://doi.org/10.1109/ICE.2017.8280018>

Mitchell, Robb and Thomas Olsson "Barriers for bridging interpersonal gaps: Three inspirational design patterns for increasing collocated social interaction". *C&T 2017 - 8th International Conference on Communities and Technologies, Conference Proceedings*. ACM. 2017, 2-10. <https://doi.org/10.1145/3083671.3083697>

Mitchell, Robb and Thomas Olsson "Facilitating the first move: Exploring inspirational design patterns for aiding initiation of social encounters". and Tellioglu, Hilda Cech, Florian (editors). *C&T 2019 - 9th International Conference on Communities and Technologies, Conference Proceedings*. ACM. 2019, 283-294. <https://doi.org/10.1145/3328320.3328396>

Miroshnichenko, Oleksandr et al. "Compression of signs of DCT coefficients for additional lossless compression of JPEG images". *Electronic Imaging: Image Processing: Algorithms and Systems XVI*. Society for Imaging Science and Technology. 2018. <https://doi.org/10.2352/ISSN.2470-1173.2018.13.IPAS-385>

Mineraud, Julien et al. "FS-PGBR: A scalable and delay sensitive cloud routing protocol". *Proceedings of the ACM SIGCOMM 2012 and Best Papers of the Co-located Workshops*. 4 udg., 2012, 301-302. <https://doi.org/10.1145/2377677.2377741>

Michalas, Antonis and Nikos Komninou "The lord of the sense: A privacy preserving reputation system for participatory sensing applications". *2014 IEEE Symposium on Computers and Communications, ISCC 2014 - Proceedings*. Institute of Electrical and Electronics Engineers Inc. 2014. <https://doi.org/10.1109/ISCC.2014.6912480>

Michalas, Antonis "The Lord of the shares: Combining attribute-based encryption and searchable encryption for flexible data sharing". *Proceedings of the 34th ACM/SIGAPP Symposium on Applied Computing*. ACM. 2019, 146-155. <https://doi.org/10.1145/3297280.3297297>

- Mehta, Rakesh and Karen Egiazarian. "Dominant Rotated Local Binary Patterns (DRLBP) for texture classification". *Pattern Recognition Letters*. 2016, 71. 16-22. <https://doi.org/10.1016/j.patrec.2015.11.019>
- Mehta, Rakesh and Karen Egiazarian. "Texture classification using dense micro-block difference". *IEEE Transactions on Image Processing*. 2016, 25(4). 1604-1616. <https://doi.org/10.1109/TIP.2016.2526898>
- McAllister, John et al. "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>
- Mattila, Anna-Liisa et al. "Mashing Up Software Issue Management, Development, and Usage Data". *2015 IEEE/ACM 2nd International Workshop on Rapid Continuous Software Engineering (RCoSE)*. The Institute of Electrical and Electronics Engineers, Inc. 2015, 26-29. <https://doi.org/10.1109/RCoSE.2015.12>
- Mattila, Anna-Liisa et al. "Software visualization today - Systematic literature review". *AcademicMindtrek 2016 - Proceedings of the 20th International Academic Mindtrek Conference*. ACM. 2016, 262-271. <https://doi.org/10.1145/2994310.2994327>
- Martin, Benoît et al. "Continuous Edgewise: Dictionary-based disambiguation instead of explicit segmentation by the user". *Proceedings of the Working Conference on Advanced Visual Interfaces, AVI 2012*. 2012, 357-364. <https://doi.org/10.1145/2254556.2254625>
- M. Aref, Mohammad et al. "Fault tolerant control architecture design for mobile manipulation in scientific facilities". *International Journal of Advanced Robotic Systems*. 2015. 12(4). <https://doi.org/10.5772/60038>
- Mamykina, Lena et al. "HCI and homecare: Connecting families and clinicians". *Conference on Human Factors in Computing Systems - Proceedings*. 2004, 1715-1716. <https://doi.org/10.1145/985921.986197>
- Malinen, Sanna and Piia Nurkka. "Cultural influence on online community use: A cross-cultural study on online exercise diary users of three nationalities". *International Journal of Web Based Communities*. 2015, 11(2). 153-169. <https://doi.org/10.1504/IJWBC.2015.068539>
- Malik, Junaid, Caglar Aytakin, and Moncef Gabbouj "Low-energy graph fourier basis functions span salient objects". *2018 IEEE International Conference on Acoustics, Speech, and Signal Processing, ICASSP 2018 - Proceedings*. Institute of Electrical and Electronics Engineers Inc. 2018, 1548-1552. <https://doi.org/10.1109/ICASSP.2018.8462672>
- Makni, Nasr et al. "Elastic image registration for guiding focal laser ablation of prostate cancer: Preliminary results". *Computer Methods and Programs in Biomedicine*. 2012, 108(1). 213-223. <https://doi.org/10.1016/j.cmpb.2012.04.001>
- Mäkitalo, Niko, Timo Aaltonen and Tommi Mikkonen "Coordinating proactive social devices in a mobile cloud: Lessons learned and a way forward". *MOBILESoft '16 Proceedings of the International Conference on Mobile Software Engineering and Systems*. ACM. 2016, 179-188. <https://doi.org/10.1145/2897073.2897079>
- Mäkitalo, Niko et al. "Action-Oriented Programming Model: Collective Executions and Interactions in the Fog". *Journal of Systems and Software*. 2019. 157. <https://doi.org/10.1016/j.jss.2019.110391>
- Mäkinen, Simo et al. "Improving the delivery cycle: A multiple-case study of the toolchains in Finnish software intensive enterprises". *Information and Software Technology*. 2016, 80. 1339-1351. <https://doi.org/10.1016/j.infsof.2016.09.001>
- Mäkinen, Simo et al. "Revisiting continuous deployment maturity: A two-year perspective". *Proceedings of the 34th ACM/SIGAPP Symposium on Applied Computing*. ACM. 2019, 1810-1817. <https://doi.org/10.1145/3297280.3297458>
- Mäkinen, Petri et al. "Redundancy-based visual tool center point pose estimation for long-reach manipulators". *2020 IEEE/ASME International Conference on Advanced Intelligent Mechatronics, AIM 2020*. IEEE/ASME International Conference on Advanced Intelligent Mechatronics. IEEE. 2020, 1387-1393.

<https://doi.org/10.1109/AIM43001.2020.9159022>

Mäkelä, Ville et al. "Information wall: Evaluation of a gesture-controlled public display". *ACE 2014 - 11th Advances in Computer Entertainment Technology Conference, Proceedings*. Association for Computing Machinery. 2014, 228-231. <https://doi.org/10.1145/2677972.2677998>

Lylykangas, Jani et al. "Designing tactile feedback for piezo buttons". *CHI 2011 - 29th Annual CHI Conference on Human Factors in Computing Systems, Conference Proceedings and Extended Abstracts*. 2011, 3281-3284. <https://doi.org/10.1145/1978942.1979428>

Lwakatare, Lucy Ellen et al. "DevOps in practice: A multiple case study of five companies". *Information and Software Technology*. 2019, 114. 217-230. <https://doi.org/10.1016/j.infsof.2019.06.010>

Luoto, Antti "Systematic literature review on user logging in virtual reality". *Mindtrek 2018 - Proceedings of the 22nd International Academic Mindtrek Conference*. ACM. 2018, 110-117. <https://doi.org/10.1145/3275116.3275123>

Luoto, Antti "Log analysis of 360-degree video users via MQTT". *ICGDA 2019: Proceedings of the 2019 2nd International Conference on Geoinformatics and Data Analysis*. ACM. 2019, 130-137. <https://doi.org/10.1145/3318236.3318248>

Luhtala, Matti et al. "Antroposeeni - A mixed reality game". *ACADEMICMINDTREK 2015 - Proceedings of the 19th International Academic Mindtrek Conference*. Association for Computing Machinery, Inc. 2015, 211-213. <https://doi.org/10.1145/2818187.2818287>

Luhtala, Matti et al. "DYNAMO sound engine - Exploring the aesthetics of dynamic sound interactions". *MINDTREK 2014 - Proceedings of the 18th International Academic MindTrek Conference: "Media Business, Management, Content and Services"*. Association for Computing Machinery, Inc. 2014, 159-166. <https://doi.org/10.1145/2676467.2676522>

Luhtala, Matti et al. "'Aie-studio' - A pragmatist aesthetic approach for procedural sound design". *Proceedings of the 8th Audio Mostly: A Conference on Interaction with Sound, AM 2013 - In Cooperation with ACM SIGCHI*. Association for Computing Machinery. 2013. <https://doi.org/10.1145/2544114.2544124>

Lu, Chien, Jaakko Peltonen, and Timo Nummenmaa "Game postmortems vs. developer Reddit AMAs: Computational analysis of developer communication"., Khosmood, Foaad and Pirker, Johanna Apperley, Thomas Deterding, Sebastian (editors). *Proceedings of the 14th International Conference on the Foundations of Digital Games, FDG 2019*. ACM. 2019. <https://doi.org/10.1145/3337722.3337727>

Loloei, Azadeh Zarif, Mohammad Mohammadi Aref and Hamid D. Taghirad "Wrench feasible workspace analysis of cable-driven parallel manipulators using LMI approach". *IEEE/ASME International Conference on Advanced Intelligent Mechatronics, AIM*. 2009, 1034-1039. <https://doi.org/10.1109/AIM.2009.5229723>

Liuhonen, Sasu et al. "Indirect measurement of the vascular endothelial glycocalyx layer thickness in human submucosal capillaries with a plug-in for ImageJ". *Computer Methods and Programs in Biomedicine*. 2013, 110(1). 38-47. <https://doi.org/10.1016/j.cmpb.2012.10.019>

Lin, Shuoxin et al. "A design framework for mapping vectorized synchronous dataflow graphs onto CPU-GPU platforms". *Proceedings of the 19th International Workshop on Software and Compilers for Embedded Systems, SCOPES 2016*. ACM. 2016, 20-29. <https://doi.org/10.1145/2906363.2906374>

Lin, Shuoxin, Jiahao Wu and Shuvra S. Bhattacharyya. "Memory-Constrained vectorization and scheduling of dataflow graphs for hybrid CPU-GPU platforms". *ACM Transactions on Embedded Computing Systems*. 2018. 17(2). <https://doi.org/10.1145/3157669>

Li, Xiaozhou, Zheyang Zhang and Jyrki Nummenmaa "Models for mobile application maintenance based on update history". *ENASE 2014 - Proceedings of the 9th International Conference on Evaluation of Novel Approaches to Software Engineering*. SCITEPRESS. 2014, 212-217.

Li, Xiaozhou and Boyang Zhang "A preliminary network analysis on steam game tags: Another way of understanding game genres". *AcademicMindtrek 2020 - Proceedings of the 23rd International Academic Mindtrek Conference: January 29-30, 2020, Tampere, Finland*. ACM. 2020, 65-73. <https://doi.org/10.1145/3377290.3377300>

Li, Meiling et al. "Sensor-Based Cooperative Multi-Antenna Spectrum Sensing with Imperfect Reporting Channels". *IEEE Transactions on Sustainable Computing*. 2020, 5(1). 48-60. <https://doi.org/10.1109/TSUSC.2019.2896667>

Leppänen, Marko et al. "The highways and country roads to continuous deployment". *IEEE Software*. 2015, 32(2). 64-72. <https://doi.org/10.1109/MS.2015.50>

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

Leppänen, Marko and Laura Hokkanen "Four patterns for internal startups". *Proceedings of the 20th European Conference on Pattern Languages of Programs, EuroPLoP 2015*. ACM. 2015. <https://doi.org/10.1145/2855321.2855327>

Leppänen, Marko and Laura Hokkanen "Patterns for subsidiaries as innovation tools". *Proceedings of the 10th Travelling Conference on Pattern Languages of Programs, VikingPLoP 2016*. ACM. 2016. <https://doi.org/10.1145/3022636.3022643>

Leppänen, Leo et al. "Using and collecting fine-grained usage data to improve online learning materials". *Proceedings - 2017 IEEE/ACM 39th International Conference on Software Engineering: Software Engineering and Education Track, ICSE-SEET 2017*. IEEE. 2017, 4-12. <https://doi.org/10.1109/ICSE-SEET.2017.12>

Leppänen, Leo et al. "Predicting academic success based on learning material usage". *SIGITE 2017 - Proceedings of the 18th Annual Conference on Information Technology Education*. ACM. 2017, 13-18. <https://doi.org/10.1145/3125659.3125695>

Lenarduzzi, Valentina, Alberto Sillitti, and Davide Taibi "Analyzing Forty years of software maintenance models". *Proceedings - 2017 IEEE/ACM 39th International Conference on Software Engineering Companion, ICSE-C 2017*. Institute of Electrical and Electronics Engineers Inc. 2017. <https://doi.org/10.1109/ICSE-C.2017.122>

Lenarduzzi, Valentina, Sandro Morasca, and Davide Taibi "Estimating software development effort based on phases". *Proceedings - 40th Euromicro Conference Series on Software Engineering and Advanced Applications, SEAA 2014*. Institute of Electrical and Electronics Engineers Inc. 2014, 305-308. <https://doi.org/10.1109/SEAA.2014.54>

Lenarduzzi, Valentina and Davide Taibi "MVP Explained: A Systematic Mapping Study on the Definitions of Minimal Viable Product". *Proceedings - 42nd Euromicro Conference on Software Engineering and Advanced Applications, SEAA 2016*. IEEE. 2016, 112-119. <https://doi.org/10.1109/SEAA.2016.56>

Lenarduzzi, Valentina et al. "Are SonarQube Rules Inducing Bugs?". Kontogiannis, Kostas, Khomh, Foutse Chatzigeorgiou, Alexander Fokaefs, Marios-Eleftherios Zhou, Minghui (editors). *SANER 2020 - Proceedings of the 2020 IEEE 27th International Conference on Software Analysis, Evolution, and Reengineering*. IEEE. 2020, 501-511. <https://doi.org/10.1109/SANER48275.2020.9054821>

Lenarduzzi, Valentina, Nyyti Saarimäki, and Davide Taibi. "Some SonarQube issues have a significant but small effect on faults and changes. A large-scale empirical study". *Journal of Systems and Software*. 2020. 170. <https://doi.org/10.1016/j.jss.2020.110750>

Lenarduzzi, Valentina et al. "Does migrating a monolithic system to microservices decrease the technical debt?". *Journal of Systems and Software*. 2020. 169. <https://doi.org/10.1016/j.jss.2020.110710>



- Lenarduzzi, Valentina et al. "Does code quality affect pull request acceptance? An empirical study". *Journal of Systems and Software*. 2020. 171. <https://doi.org/10.1016/j.jss.2020.110806>
- Lemmetti, Ari et al. "Kvazaar 2.0: Fast and efficient open-source HEVC inter encoder". *MMSys 2020 - Proceedings of the 2020 Multimedia Systems Conference*. ACM. 2020, 237-242. <https://doi.org/10.1145/3339825.3394927>
- Leinonen, Juho, Petri Ihanntola and Arto Hellas "Preventing keystroke based identification in open data sets". *L@S 2017 - Proceedings of the 4th (2017) ACM Conference on Learning at Scale*. ACM. 2017, 101-109. <https://doi.org/10.1145/3051457.3051458>
- Leinonen, Juho et al. "Comparison of time metrics in programming". *ICER 2017 - Proceedings of the 2017 ACM Conference on International Computing Education Research*. ACM. 2017, 200-208. <https://doi.org/10.1145/3105726.3106181>
- Legaki, Nikoletta Zampeta et al. "The effect of challenge-based gamification on learning: An experiment in the context of statistics education". *International Journal of Human Computer Studies*. 2020. 144. <https://doi.org/10.1016/j.ijhcs.2020.102496>
- Leen, Gayle, Jaakko Peltonen and Samuel Kaski. "Focused multi-task learning in a Gaussian process framework". *Machine Learning*. 2012, 89(1-2). 157-182. <https://doi.org/10.1007/s10994-012-5302-y>
- Lee, Kyunghun et al. "Prototyping real-Time tracking systems on mobile devices". *CF '16 Proceedings of the ACM International Conference on Computing Frontiers*. ACM. 2016, 301-308. <https://doi.org/10.1145/2903150.2903471>
- Lee, Dongwon, Marilyn Wolf and Shuvra S. Bhattacharyya. "High-performance and low-energy buffer mapping method for multiprocessor DSP systems". *ACM Transactions on Embedded Computing Systems*. 2013. 12(3). <https://doi.org/10.1145/2442116.2442132>
- Lee, Kyunghun, Benjamin S. Riggan and Shuvra S. Bhattacharyya "An accumulative fusion architecture for discriminating people and vehicles using acoustic and seismic signals". *2017 IEEE International Conference on Acoustics, Speech, and Signal Processing, ICASSP 2017 - Proceedings*. IEEE. 2017, 2976-2980. <https://doi.org/10.1109/ICASSP.2017.7952702>
- Lee, Kyunghun, Benjamin S. Riggan and Shuvra S. Bhattacharyya "A joint target localization and classification framework for sensor networks". *2018 IEEE International Conference on Acoustics, Speech, and Signal Processing, ICASSP 2018 - Proceedings*. Institute of Electrical and Electronics Engineers Inc. 2018, 3076-3080. <https://doi.org/10.1109/ICASSP.2018.8462641>
- Lebeda, Karel et al. "Long-term tracking through failure cases". *Proceedings - 2013 IEEE International Conference on Computer Vision Workshops, ICCVW 2013*. Institute of Electrical and Electronics Engineers Inc. 2013, 153-160. <https://doi.org/10.1109/ICCVW.2013.26>
- Lavazza, Luigi, Valentina Lenarduzzi, and Davide Taibi "Towards component-aware function point measurement". *Proceedings - 26th International Workshop on Software Measurement, IWSM 2016 and the 11th International Conference on Software Process and Product Measurement, Mensura 2016*. IEEE. 2016, 35-44. <https://doi.org/10.1109/IWSM-Mensura.2016.017>
- Lavazza, Luigi et al. "On the definition of dynamic software measures". *International Symposium on Empirical Software Engineering and Measurement*. 2012, 39-48. <https://doi.org/10.1145/2372251.2372259>
- Lavazza, Luigi et al. "An empirical investigation of perceived reliability of open source Java programs". *27th Annual ACM Symposium on Applied Computing, SAC 2012*. 2012, 1109-1114. <https://doi.org/10.1145/2245276.2231951>

- Lavazza, Luigi et al. "Predicting OSS trustworthiness on the basis of elementary code assessment". *ESEM 2010 - Proceedings of the 2010 ACM-IEEE International Symposium on Empirical Software Engineering and Measurement*. 2010. <https://doi.org/10.1145/1852786.1852834>
- Lauri, Mikko and Risto Ritala "Optimal sensing via multi-armed bandit relaxations in mixed observability domains". *2015 IEEE International Conference on Robotics and Automation (ICRA), 26-30 May 2015, Seattle, WA*. 2015, 4807-4812. <https://doi.org/10.1109/ICRA.2015.7139867>
- Lauri, Mikko, Eero Heinänen and Simone Frintrop "Multi-robot active information gathering with periodic communication". *ICRA 2017 - IEEE International Conference on Robotics and Automation*. IEEE. 2017, 851-856. <https://doi.org/10.1109/ICRA.2017.7989104>
- Lauren, Samuel et al. "Symbol diversification of linux binaries". *2014 World Congress on Internet Security, WorldCIS 2014*. Institute of Electrical and Electronics Engineers Inc. 2014, 74-79. <https://doi.org/10.1109/WorldCIS.2014.7028170>
- Laukkarinen, Teemu, Kati Kuusinen and Tommi Mikkonen "DevOps in regulated software development: Case medical devices". *Proceedings - 2017 IEEE/ACM 39th International Conference on Software Engineering: New Ideas and Emerging Results Track, ICSE-NIER 2017*. IEEE. 2017, 15-18. <https://doi.org/10.1109/ICSE-NIER.2017.20>
- Lampinen, Santeri, Jouni Niemi, and Jouni Mattila "Flow-bounded trajectory-scaling algorithm for hydraulic robotic manipulators". *2020 IEEE/ASME International Conference on Advanced Intelligent Mechatronics, AIM 2020*. IEEE/ASME International Conference on Advanced Intelligent Mechatronics, AIM. IEEE. 2020, 619-624. <https://doi.org/10.1109/AIM43001.2020.9158851>
- Kumpulainen, Sanna and Kalervo Järvelin. "Barriers to task-based information access in molecular medicine". *JOURNAL OF THE ASSOCIATION FOR INFORMATION SCIENCE AND TECHNOLOGY*. 2012, 63(1). 86-97. <https://doi.org/10.1002/asi.21672>
- Kultima, Annakaisa et al. "Goofy Mus, grumpy Mur and dirty Muf: Talking playful seats with personalities". *ACE 2014 - 11th Advances in Computer Entertainment Technology Conference, Workshops Proceedings*. Association for Computing Machinery. 2014. <https://doi.org/10.1145/2693787.2693790>
- Kristensson, Per Ola et al. "Designing and evaluating text entry methods". *Extended Abstracts - The 30th ACM Conference on Human Factors in Computing Systems, CHI 2012*. 2012, 2747-2750. <https://doi.org/10.1145/2212776.2212711>
- Kristan, Matej et al. "The visual object tracking VOT2013 challenge results". *Proceedings - 2013 IEEE International Conference on Computer Vision Workshops, ICCVW 2013*. Institute of Electrical and Electronics Engineers Inc. 2013, 98-111. <https://doi.org/10.1109/ICCVW.2013.20>
- Kovács, Peter, Kaveh Samiee, and Moncef Gabbouj "On application of rational Discrete Short Time Fourier Transform in epileptic seizure classification". *2014 IEEE International Conference on Acoustics, Speech and Signal processing (ICASSP), May 4-9 2014, Florence, Italy*. IEEE International Conference on Acoustics, Speech and Signal Processing. Piscataway: IEEE. 2014, 5839-5843. <https://doi.org/10.1109/ICASSP.2014.6854723>
- Koskinen, Jukka A. and Tomi O. Kelo "Pure e-learning course in information security". Elci, A. (ed.). *Proceedings of SIN'09, Second International Conference on Security of Information and Networks, Famagusta, North Cypros, October 6-10, 2009*. 2009, 8-13. <https://doi.org/10.1145/1626195.1626200>
- Korpi, Dani, Taneli Riihonen, and Mikko Valkama "Inband full-duplex radio access system with self-backhauling: Transmit power minimization under QOS requirements". *2017 IEEE International Conference on Acoustics, Speech, and Signal Processing, ICASSP 2017 - Proceedings*. IEEE. 2017, 6558-6562. <https://doi.org/10.1109/ICASSP.2017.7953420>

- Korkeila, Henry, Jonna Koivisto, and Juho Hamari "Demographic differences in accumulated types of capital in massively multiplayer online role-playing games". *AcademicMindtrek 2020 - Proceedings of the 23rd International Academic Mindtrek Conference: January 2020, Tampere*. ACM. 2020, 74-82. <https://doi.org/10.1145/3377290.3377302>
- Korhonen, H. M E, Jussi Heikkilä and Jon M. Törnwall. "A simulation case study of production planning and control in printed wiring board manufacturing". *Winter Simulation Conference Proceedings*. 2001, 2. 844-847.
- Komar, M. S. "Data Rate Assessment on L2–L3 CPU Bus and Bus between CPU and RAM in Modern CPUs". *Automatic Control and Computer Sciences*. 2017, 51(7). 701-708. <https://doi.org/10.3103/S014641161707029X>
- Klock, Ana Carolina Tomé et al. "Tailored gamification: A review of literature". *International Journal of Human Computer Studies*. 2020. 144. <https://doi.org/10.1016/j.ijhcs.2020.102495>
- Kiranyaz, Serkan et al. "Generalized model of biological neural networks: Progressive operational perceptrons". *2017 International Joint Conference on Neural Networks, IJCNN 2017*. IEEE. 2017, 2477-2485. <https://doi.org/10.1109/IJCNN.2017.7966157>
- Kiranyaz, Serkan et al. "1-D Convolutional Neural Networks for Signal Processing Applications". *2019 IEEE International Conference on Acoustics, Speech, and Signal Processing, ICASSP 2019 - Proceedings*. IEEE. 2019, 8360-8364. <https://doi.org/10.1109/ICASSP.2019.8682194>
- Kim, Sangkil, Yoshihiro Kawahara and Manos M. Tentzeris "Inkjet-printed monopole antennas for enhanced-range WBAN and wearable biomonitoring application". *MobileHealth'12 - Proceedings of the 2nd ACM International Workshop on Pervasive Wireless Healthcare*. 2012, 33-38. <https://doi.org/10.1145/2248341.2248355>
- Kiili, Kristian "From theories to game mechanics: Developing a game for training rational numbers". *Proceedings of the 11th European Conference on Games Based Learning, ECGBL 2017*. Academic Conferences and Publishing International Limited. 2017, 328-334.
- Khan, Subayal Aftab et al. "System level performance simulation of distributed GENESYS applications on multi-core platforms". *Proceedings - IEEE 9th International Conference on Dependable, Autonomic and Secure Computing, DASC 2011*. 2011, 313-320. <https://doi.org/10.1109/DASC.2011.70>
- Keskinen, Tuuli et al. "Schoolchildren's user experiences on a physical exercise game utilizing lighting and audio". *Entertainment Computing*. 2014, 5(4). 475-484. <https://doi.org/10.1016/j.entcom.2014.08.009>
- Keskinen, Tuuli et al. "SymbolChat: A flexible picture-based communication platform for users with intellectual disabilities". *Interacting with Computers*. 2012, 24(5). 374-386. <https://doi.org/10.1016/j.intcom.2012.06.003>
- Kelling, Chelsea et al. "Implications of audio and narration in the user experience design of virtual reality". *Mindtrek 2018 - Proceedings of the 22nd International Academic Mindtrek Conference*. ACM. 2018, 258-261. <https://doi.org/10.1145/3275116.3275153>
- Kawahara, Yoshihiro et al. "Power harvesting from microwave oven electromagnetic leakage". *UbiComp 2013 - Proceedings of the 2013 ACM International Joint Conference on Pervasive and Ubiquitous Computing*. 2013, 373-381. <https://doi.org/10.1145/2493432.2493500>
- Kawahara, Yoshihiro, Hoseon Lee and Manos M. Tentzeris "SenSprout: Inkjet-printed soil moisture and leaf wetness sensor". *UbiComp'12 - Proceedings of the 2012 ACM Conference on Ubiquitous Computing*. 2012, 545.
- Katkovnik, Vladimir, Mykola Ponomarenko, and Karen Egiazarian. "Sparse approximations in complex domain based on BM3D modeling". *Signal Processing*. 2017, 141. 96-108. <https://doi.org/10.1016/j.sigpro.2017.05.032>

Katsonov, Artem et al. "An approach to production scheduling optimization a case of an oil lubrication and hydraulic systems manufacturer". *2017 International Conference on Engineering, Technology and Innovation: Engineering, Technology and Innovation Management Beyond 2020: New Challenges, New Approaches, ICE/ITMC 2017 - Proceedings*. IEEE. 2018, 1123-1130. <https://doi.org/10.1109/ICE.2017.8280007>

Kannisto, Petri, David Hästbacka and Arto Marttinen. "Information Exchange Architecture for Collaborative Industrial Ecosystem". *Information Systems Frontiers*. 2018, 1-16. <https://doi.org/10.1007/s10796-018-9877-0>

Kangas, Jari et al. "Gaze gestures and haptic feedback in mobile devices". *CHI 2014: One of a CHIInd - Conference Proceedings, 32nd Annual ACM Conference on Human Factors in Computing Systems*. Association for Computing Machinery. 2014, 435-438. <https://doi.org/10.1145/2556288.2557040>

Kangas, Jari et al. "Using gaze gestures with haptic feedback on glasses". *Proceedings of the NordiCHI 2014: The 8th Nordic Conference on Human-Computer Interaction: Fun, Fast, Foundational*. Association for Computing Machinery, Inc. 2014, 1047-1050. <https://doi.org/10.1145/2639189.2670272>

Kallioniemi, Pekka et al. "Collaborative navigation in virtual worlds: How gender and game experience influence user behavior". *Proceedings - VRST 2015: 21st ACM Symposium on Virtual Reality Software and Technology*. Association for Computing Machinery. 2015, 173-182. <https://doi.org/10.1145/2821592.2821610>

Käki, Karoliina et al. "Effects of haptic feedback on gaze based auto scrolling". *Proceedings of the NordiCHI 2014: The 8th Nordic Conference on Human-Computer Interaction: Fun, Fast, Foundational*. Association for Computing Machinery, Inc. 2014, 947-950. <https://doi.org/10.1145/2639189.2670247>

Kaasinen, Eija et al. "The fuzzy front end of experience design". *Proceedings of the NordiCHI 2014: The 8th Nordic Conference on Human-Computer Interaction: Fun, Fast, Foundational*. Nordic conference on human-computer interaction. New York, NY: ACM. 2014, 797-800. <https://doi.org/10.1145/2639189.2654829>

Jylhä, Henrietta and Juho Hamari. "An icon that everyone wants to click: How perceived aesthetic qualities predict app icon successfulness". *International Journal of Human Computer Studies*. 2019, 130. 73-85. <https://doi.org/10.1016/j.ijhcs.2019.04.004>

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

Jumisko-Pyykkö, Satu, Panos Markopoulos and Miska M. Hannuksela "Who is moving - User or device? Experienced quality of mobile 3D video in vehicles". *ACE 2015 - 12th Advances in Computer Entertainment Technology Conference, Proceedings*. ACM. 2015. <https://doi.org/10.1145/2832932.2832948>

Jumisko-Pyykkö, Satu, Emilia Pesonen and Heli Väättäjä "Temporal dimensions of affect in user experience of digital news in the field". *AcademicMindtrek 2016 - Proceedings of the 20th International Academic Mindtrek Conference*. ACM. 2016, 192-197. <https://doi.org/10.1145/2994310.2994370>

Joutsijoki, Henry et al. "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, 86-92. <https://doi.org/10.1109/CIDM.2014.7008152>

Jokiniemi, Sini et al. "Innovation challenges as a novel multidisciplinary learning platform". *AcademicMindtrek 2020 - Proceedings of the 23rd International Academic Mindtrek Conference: January 2020, Tampere*. ACM. 2020, 145-148. <https://doi.org/10.1145/3377290.3377311>

Jokela, Tero, Heli Väättäjä and Tiina Koponen "Mobile Journalist Toolkit: A field study on producing news articles with a mobile device". *MindTrek 2009 - 13th International Academic MindTrek Conference: Everyday Life in the Ubiquitous Era*. 2009, 45-52. <https://doi.org/10.1145/1621841.1621851>

Jokela, Tero, Parisa Pour Rezaei, and Kaisa Väänänen "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, 1129-1133. <https://doi.org/10.1145/2957265.2962654>

Järvinen, Janne, Tua Huomo and Tommi Mikkonen "Running software research programs: An agile approach". *Proceedings - 2017 IEEE/ACM 39th International Conference on Software Engineering Companion, ICSE-C 2017*. IEEE. 2017, 314-316. <https://doi.org/10.1109/ICSE-C.2017.59>

Jarusriboonchai, Pradthana et al. "Opportunities and Challenges of Mobile Applications as "Tickets-to-Talk": A Scenario-Based User Study". *Proceedings of the 13th International Conference on Mobile and Ubiquitous Multimedia, MUM2014, November 25-28, 2014, Melbourne, Australia*. International conference on mobile and ubiquitous multimedia. New York, NY: ACM. 2014, 89-97. <https://doi.org/10.1145/2677972.2677993>

Jarusriboonchai, Pradthana et al. "Increasing collocated people's awareness of the mobile user's activities: A field trial of social displays". *CSCW '16 - Proceedings of the 19th ACM Conference on Computer-Supported Cooperative Work & Social Computing*. ACM. 2016, 1691-1702. <https://doi.org/10.1145/2818048.2819990>

Jarusriboonchai, Pradthana et al. "Social display...We can see what you are doing on your mobile device". *CSCW '16 Proceedings of the 19th ACM Conference on Computer-Supported Cooperative Work & Social Computing*. ACM. 2016, 53-56. <https://doi.org/10.1145/2818052.2874323>

Ivanov, Stepan et al. "Gravity gradient routing for information delivery in fog Wireless Sensor Networks". *Ad Hoc Networks*. 2016, 46. 61-74. <https://doi.org/10.1016/j.adhoc.2016.03.011>

Ivanov, Stepan, Dmitri Botvich and Sasitharan Balasubramaniam "On delay distribution in IEEE 802.11 wireless networks". *16th IEEE Symposium on Computers and Communications, ISCC'11*. 2011, 254-256. <https://doi.org/10.1109/ISCC.2011.5983849>

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

Iosifidis, Alexandros, Anastasios Tefas and Ioannis Pitas. "On the kernel Extreme Learning Machine classifier". *Pattern Recognition Letters*. 2015, 54. 11-17. <https://doi.org/10.1016/j.patrec.2014.12.003>

Iosifidis, A. et al. "The MOBISERV-AIIA eating and drinking multi-view database for vision-based assisted living". *Journal of Information Hiding and Multimedia Signal Processing*. 2015, 6(2). 254-273.

Iosifidis, Alexandros, Anastasios Tefas and Ioannis Pitas. "Kernel reference discriminant analysis". *Pattern Recognition Letters*. 2014, 49. 85-91. <https://doi.org/10.1016/j.patrec.2014.06.013>

Iosifidis, Alexandros, Anastasios Tefas and Ioannis Pitas. "Discriminant Bag of Words based representation for human action recognition". *Pattern Recognition Letters*. 2014, 49. 185-192. <https://doi.org/10.1016/j.patrec.2014.07.011>

Iosifidis, Alexandros, Anastasios Tefas and Ioannis Pitas "Minimum Variance Extreme Learning Machine for human action recognition". *ICASSP, IEEE International Conference on Acoustics, Speech and Signal Processing - Proceedings*. The Institute of Electrical and Electronics Engineers, Inc. 2014, 5427-5431. <https://doi.org/10.1109/ICASSP.2014.6854640>

Iosifidis, Alexandros, Anastasios Tefas and Ioannis Pitas. "Multi-view action recognition based on action volumes, fuzzy distances and cluster discriminant analysis". *Signal Processing*. 2013, 93(6). 1445-1457. <https://doi.org/10.1016/j.sigpro.2012.08.015>

Iosifidis, Alexandros, Anastasios Tefas and Ioannis Pitas. "On the optimal class representation in linear discriminant analysis". *IEEE Transactions on Neural Networks and Learning Systems*. 2013, 24(9). 1491-1497. <https://doi.org/10.1109/TNNLS.2013.2258937>

Iosifidis, Alexandros, Anastasios Tefas and Ioannis Pitas. "Dynamic action recognition based on dynemes and Extreme Learning Machine". *Pattern Recognition Letters*. 2013, 34(15). 1890-1898. <https://doi.org/10.1016/j.patrec.2012.10.019>

Iosifidis, Alexandros, Anastasios Tefas and Ioannis Pitas. "Sparse extreme learning machine classifier exploiting intrinsic graphs". *Pattern Recognition Letters*. 2015, 65. 192-196. <https://doi.org/10.1016/j.patrec.2015.07.036>

Iosifidis, Alexandros, Anastasios Tefas and Ioannis Pitas "Enhancing class discrimination in Kernel Discriminant Analysis". *ICASSP, IEEE International Conference on Acoustics, Speech and Signal Processing - Proceedings*. The Institute of Electrical and Electronics Engineers, Inc. 2015, 1926-1930. <https://doi.org/10.1109/ICASSP.2015.7178306>

Iosifidis, Alexandros and Moncef Gabbouj. "Nyström-based approximate kernel subspace learning". *Pattern Recognition*. 2016, 190-197. <https://doi.org/10.1016/j.patcog.2016.03.018>

Iosifidis, Alexandros and Moncef Gabbouj "Supervised subspace learning based on deep randomized networks". *2016 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)*. The Institute of Electrical and Electronics Engineers, Inc. 2016, 2584-2588. <https://doi.org/10.1109/ICASSP.2016.7472144>

Iosifidis, Alexandros et al. "One-Class Classification based on Extreme Learning and Geometric Class Information". *Neural Processing Letters*. 2016, 1-16. <https://doi.org/10.1007/s11063-016-9541-y>

Iosifidis, Alexandros and Moncef Gabbouj "Class-specific kernel discriminant analysis based on Cholesky decomposition". *2017 International Joint Conference on Neural Networks, IJCNN 2017*. IEEE. 2017, 1141-1146. <https://doi.org/10.1109/IJCNN.2017.7965980>

Iosifidis, Alexandros et al. "Big Media Data Analysis". *Signal Processing: Image Communication*. 2017, 59. 105-108. <https://doi.org/10.1016/j.image.2017.10.004>

Ilvonen, Ville, Petri Ihanola and Tommi Mikkonen "Dynamic software updating techniques in practice and Educator's guides: A review". *2016 IEEE 29th International Conference on Software Engineering Education and Training (CSEET)*. IEEE. 2016, 86-90. <https://doi.org/10.1109/CSEET.2016.16>

Ilves, Mirja et al. "Head movement and facial expressions as game input". *Entertainment Computing*. 2014, 5(3). 147-156. <https://doi.org/10.1016/j.entcom.2014.04.005>

Ihanola, Petri, Juha Helminen and Ville Karavirta "How to study programming on mobile touch devices - Interactive Python code exercises". *Proceedings - 13th Koli Calling International Conference on Computing Education Research, Koli Calling 2013*. 2013, 51-58. <https://doi.org/10.1145/2526968.2526974>

Ieremeiev, Oleg et al. "Full-reference metrics multidistortional analysis". *Image Processing: Algorithms and Systems XV*. Electronic Imaging. 2017, 27-35. <https://doi.org/10.2352/ISSN.2470-1173.2017.13.IPAS-202>

Ieremeiev, Oleg et al. "Robust linearized combined metrics of image visual quality". *Electronic Imaging: Image Processing: Algorithms and Systems XVI*. Society for Imaging Science and Technology. 2018. <https://doi.org/10.2352/ISSN.2470-1173.2018.13.IPAS-260>

Ieremeiev, Oleg et al. "Combined no-reference IQA metric and its performance analysis". *Image Processing: Algorithms and Systems XVII*. IS and T International Symposium on Electronic Imaging Science and Technology. 2019. <https://doi.org/10.2352/ISSN.2470-1173.2019.11.IPAS-260>

Hyrnsalmi, Sami, Arho Suominen and Matti Mäntymäki. "The influence of developer multi-homing on competition between software ecosystems". *Journal of Systems and Software*. 2016, 111. 119-127. <https://doi.org/10.1016/j.jss.2015.08.053>

Huttunen, Heikki and Jussi Tohka. "Model selection for linear classifiers using Bayesian error estimation". *Pattern Recognition*. 2015, 48(11). 3739-3748. <https://doi.org/10.1016/j.patcog.2015.05.005>

Hurmala, Antti, Rahim Saeidi, and Tuomas Virtanen "Similarity induced group sparsity for non-negative matrix factorisation". *ICASSP, IEEE International Conference on Acoustics, Speech and Signal Processing - Proceedings*. The Institute of Electrical and Electronics Engineers, Inc. 2015, 4425-4429. <https://doi.org/10.1109/ICASSP.2015.7178807>

Houbre, Quentin, Alexandre Angleraud, and Roel Pieters "Exploration and exploitation of sensorimotor contingencies for a cognitive embodied agent"., Rocha, Ana Steels, Luc van den Herik, Jaap (editors). *ICAART 2020 - Proceedings of the 12th International Conference on Agents and Artificial Intelligence*. SCITEPRESS. 2020, 546-554. <https://doi.org/10.5220/0008951205460554>

Hosseinzadeh, Shohreh et al. "A survey on aims and environments of diversification and obfuscation in software security". *Computer Systems and Technologies 17th International Conference, CompSysTech 2016 - Proceedings*. Association for Computing Machinery. 2016, 113-120. <https://doi.org/10.1145/2983468.2983479>

Holopainen, Jussi et al. "Social and privacy aspects of a system for collaborative public expression". *Proceedings of the 8th International Conference on Advances in Computer Entertainment Technology, ACE 2011*. 2011. <https://doi.org/10.1145/2071423.2071452>

Holm, Jukka, Kaisa Väänänen and Mohammad Mushfiqur Rahman Remans "User Experience Study of 360° Music Videos on Computer Monitor and Virtual Reality Goggles"., Banissi, Ebad, Ursyn, Anna, McK. Bannatyne, Mark W., Datia, Nuno, Pires, Joao Moura, Francese, Rita, Sarfraz, Muhammad, Wyeld, Theodor G, Bouali, Fatma, Venturin, Gilles and Azzag, Hanane Lebbah, Mustapha Trutschl, Marjan Cvek, Urska Muller, Heimo Nakayama, Minoru Kernbach, Sebastian Caruccio, Loredana Risi, Michele Erra, Ugo Vitiello, Autilia Rossano, Veronica (editors). *Information Visualization - Biomedical Visualization and Geometric Modelling and Imaging, IV 2019*. Proceedings of the International Conference on Information Visualisation. IEEE. 2019, 81-87. <https://doi.org/10.1109/IV.2019.00023>

Holm, Jukka, Kaisa Väänänen and Anas Battah "User experience of stereo and spatial audio in 360° live music videos". *AcademicMindtrek 2020 - Proceedings of the 23rd International Academic Mindtrek Conference: January 2020, Tampere*. ACM. 2020, 134-141. <https://doi.org/10.1145/3377290.3377291>

Hokkanen, Laura and Marko Leppänen "Three patterns for user involvement in startups". *Proceedings of the 20th European Conference on Pattern Languages of Programs, EuroPLoP 2015*. ACM. 2015. <https://doi.org/10.1145/2855321.2855373>

Hokkanen, Laura, Yueqiang Xu, and Kaisa Väänänen "Focusing on user experience and business models in startups: Investigation of two-dimensional value creation". *AcademicMindtrek 2016 - Proceedings of the 20th International Academic Mindtrek Conference*. ACM. 2016, 59-67. <https://doi.org/10.1145/2994310.2994371>

Hoggan, Eve et al. "Squeeze vs. tilt: A comparative study using continuous tactile feedback". *CHI EA 2011 - 29th Annual CHI Conference on Human Factors in Computing Systems, Conference Proceedings and Extended Abstracts*. 2011, 1309-1314. <https://doi.org/10.1145/1979742.1979766>

Hirvonen, Juha and Pasi Kallio. "Automatic image-based detection and inspection of paper fibres for grasping". *IET Computer Vision*. 2015, 9(4). 588-594. <https://doi.org/10.1049/iet-cvi.2014.0416>

Hildén, Elina et al. "Participatory development of user experience design guidelines for a B2B company". *AcademicMindtrek '16 Proceedings of the 20th International Academic Mindtrek Conference*. ACM. 2016, 49-58. <https://doi.org/10.1145/2994310.2994355>

Hietanen, Antti et al. "Robustifying correspondence based 6D object pose estimation". *ICRA 2017 - IEEE International Conference on Robotics and Automation*. IEEE. 2017, 739-745. <https://doi.org/10.1109/ICRA.2017.7989091>

Helminen, Juha, Petri Ihanola and Ville Karavirta "Recording and analyzing in-browser programming sessions". *Proceedings - 13th Koli Calling International Conference on Computing Education Research, Koli Calling 2013*. 2013, 13-22. <https://doi.org/10.1145/2526968.2526970>

Hellsten, Pasi and Jussi Myllärniemi "Business intelligence process model revisited"., Bernardino, Jorge Salgado, Ana Filipe, Joaquim (editors). *IC3K 2019 - Proceedings of the 11th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management*. IC3K 2019 - Proceedings of the 11th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management. SCITEPRESS. 2019, 341-348.

Hella, Lauri et al. "Model checking and validity in propositional and modal inclusion logics". *JOURNAL OF LOGIC AND COMPUTATION*. 2019, 29(5). 605-630. <https://doi.org/10.1093/logcom/exz008>

Helenius, Marko, Petri Kettunen and Lauri Frank "Learnings from the Finnish game industry". *Proceedings of the 10th Travelling Conference on Pattern Languages of Programs, VikingPLoP 2016*. ACM. 2016. <https://doi.org/10.1145/3022636.3022648>

Heinimäki, Teemu J. and Tapio Elomaa "Quality measures for improving technology trees". *International Journal of Computer Games Technology*. 2015. 2015. <https://doi.org/10.1155/2015/975371>

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

Heimbirger, Anneli et al. "How do academics experience use of recorded audio feedback in higher education? A thematic analysis". *Frontiers in Education: Fostering Innovation Through Diversity, FIE 2018 - Conference Proceedings*. Proceedings - Frontiers in Education Conference. IEEE. 2019. <https://doi.org/10.1109/FIE.2018.8658635>

Heikkinen, Antti et al. "Fast and easy live video service setup using lightweight virtualization". *Proceedings of the 9th ACM Multimedia Systems Conference, MMSys 2018*. ACM. 2018, 487-489. <https://doi.org/10.1145/3204949.3208112>

Heikkilä, Jussi, Miia Martinsuo, and Sanna Nenonen. "Backshoring of production in the context of a small and open Nordic economy". *Journal of Manufacturing Technology Management*. 2018, 29(4). 658-675. <https://doi.org/10.1108/JMTM-12-2016-0178>

He, Q., A. Rezaei, and S. Pursiainen. "Zeffiro User Interface for Electromagnetic Brain Imaging: a GPU Accelerated FEM Tool for Forward and Inverse Computations in Matlab". *Neuroinformatics*. 2019. <https://doi.org/10.1007/s12021-019-09436-9>

Hautala, Ilkka, Jani Boutellier and Jari Hannuksela "Programmable lowpower implementation of the HEVC Adaptive Loop Filter". *2013 IEEE International Conference on Acoustics, Speech, and Signal Processing, ICASSP 2013 - Proceedings*. 2013, 2664-2668. <https://doi.org/10.1109/ICASSP.2013.6638139>

Hästbacka, David, Petri Kannisto, and Matti Vilkkö "Information models and information exchange in plant-wide monitoring and control of industrial processes". *Proceedings of the 10th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management - Volume 3: KMIS: September 18-20, 2018, Seville, Spain*. SCITEPRESS. 2018, 216-222. <https://doi.org/10.5220/0006960602160222>



Hassan, Syeda Sakira et al. "Bayesian receiver operating characteristic metric for linear classifiers". *Pattern Recognition Letters*. 2019, 128. 52-59. <https://doi.org/10.1016/j.patrec.2019.07.016>

Hasan, Monowar et al. "Social behavior in bacterial nanonetworks: Challenges and opportunities". *IEEE Network*. 2015, 29(1). 26-34. <https://doi.org/10.1109/MNET.2015.7018200>

Hammouda, Imed, Kai Koskimies and Tommi Mikkonen. "Managing concern knowledge in software systems". *INTERNATIONAL JOURNAL OF SOFTWARE ENGINEERING AND KNOWLEDGE ENGINEERING*. 2011, 21(7). 957-987. <https://doi.org/10.1142/S0218194011005566>

Hamari, Juho and Veikko Eranti "Framework for designing and evaluating game achievements". *Proceedings of DiGRA 2011 Conference: Think Design Play*. 2011.

Hakonen, Harri, Sami Hyrynsalmi and Antero Järvi "Reducing the number of unit tests with design by contract". *Computer Systems and Technologies - 12th International Conference, CompSysTech'11 - Proceedings*. 2011, 161-166. <https://doi.org/10.1145/2023607.2023635>

Haaranen, Lassi et al. "Software architectures for implementing achievement badges - Practical experiences". *Proceedings - 2014 International Conference on Teaching and Learning in Computing and Engineering, LATICE 2014*. IEEE COMPUTER SOCIETY PRESS. 2014, 41-46. <https://doi.org/10.1109/LaTiCE.2014.16>

Gizatdinova, Yulia, Oleg Špakov and Veikko Surakka "Comparison of video-based pointing and selection techniques for hands-free text entry". *Proceedings of the Working Conference on Advanced Visual Interfaces, AVI 2012*. 2012, 132-139. <https://doi.org/10.1145/2254556.2254582>

Gizatdinova, Yulia et al. "Facial expression classification based on local spatiotemporal edge and texture descriptors". *Selected Papers from the Proceedings of the 7th International Conference on Methods and Techniques in Behavioral Research - Digital Edition, MB'10*. 2011. <https://doi.org/10.1145/1931344.1931365>

Ghorbani, Modjtaba et al. "On the zeros of the partial Hosoya polynomial of graphs". *Information Sciences*. 2020, 524. 199-215. <https://doi.org/10.1016/j.ins.2020.03.011>

Gholibeigi, Mozhddeh et al. "Analysis of a receiver-based reliable broadcast approach for vehicular networks". *Ad Hoc Networks*. 2016, 37. 63-75. <https://doi.org/10.1016/j.adhoc.2015.08.003>

Georgiev, Mihail, Robert Bregovic, and Atanas Gotchev. "Time-of-Flight Range Measurement in Low-sensing Environment: Noise Analysis and Complex-domain Non-local Denoising". *IEEE Transactions on Image Processing*. 2018. 27(6). <https://doi.org/10.1109/TIP.2018.2807126>

Garcia-Fernandez, Jorge. "An Assessment of Errors and Their Reduction in Terrestrial Laser Scanner Measurements in Marmorean Surfaces". *3D Research*. 2016, 7(1). 1-11. <https://doi.org/10.1007/s13319-015-0077-0>

Gallidabino, Andrea et al. "On the Architecture of Liquid Software: Technology Alternatives and Design Space". *Proceedings - 2016 13th Working IEEE/IFIP Conference on Software Architecture, WICSA 2016*. IEEE. 2016, 122-127. <https://doi.org/10.1109/WICSA.2016.14>

Gallidabino, Andrea et al. "Architecting liquid software". *Journal of Web Engineering*. 2017, 16(5-6). 433-470. <https://doi.org/10.26421/JWE16.5-6>

Fuccella, Vittorio, Poika Isokoski and Benoît Martin "Gestures and widgets: Performance in text editing on multi-touch capable mobile devices". *CHI 2013: Changing Perspectives, Conference Proceedings - The 31st Annual CHI Conference on Human Factors in Computing Systems*. 2013, 2785-2794. <https://doi.org/10.1145/2470654.2481385>

Fu, Junsheng et al. "Performance analysis of single-query 6-DoF camera pose estimation in self-driving setups". *Computer Vision and Image Understanding*. 2019, 186. 58-73. <https://doi.org/10.1016/j.cviu.2019.04.009>

Frimpong, Eugene and Antonios Michalas "SeCon-NG: Implementing a lightweight cryptographic library based on ECDH and ECDSA for the development of secure and privacy-preserving protocols in contiki-ng". *35th Annual ACM Symposium on Applied Computing, SAC 2020*. ACM. 2020, 767-769. <https://doi.org/10.1145/3341105.3374076>

Frimpong, Eugene and Antonis Michalas "IoT-CryptoDiet: Implementing a lightweight cryptographic library based on ecdh and ecdsa for the development of secure and privacy-preserving protocols in contiki-ng". Wills, Gary Kacsuk, Peter Chang, Victor (editors). *IoTBDs 2020 - Proceedings of the 5th International Conference on Internet of Things, Big Data and Security*. SCITEPRESS. 2020, 101-111. <https://doi.org/10.5220/0009405401010111>

Franssila, Heljä, Jussi Okkonen and Reijo Savolainen "Email intensity, productivity and control in the knowledge worker's performance on the desktop". *MINDTREK 2014 - Proceedings of the 18th International Academic MindTrek Conference: "Media Business, Management, Content and Services"*. Association for Computing Machinery, Inc. 2014, 19-22. <https://doi.org/10.1145/2676467.2676513>

Foi, Alessandro and Giacomo Boracchi. "Foveated Nonlocal Self-Similarity". *International Journal of Computer Vision*. 2016, 120(1). 78–110. <https://doi.org/10.1007/s11263-016-0898-1>

Fikadu, Mulugeta K., Mohammed Elmusrati and Reino Virrankoski "Power allocation in multi-node cooperative network in Rician fading channels". *2012 IEEE 8th International Conference on Wireless and Mobile Computing, Networking and Communications, WiMob 2012*. 2012, 496-501. <https://doi.org/10.1109/WiMOB.2012.6379119>

Farris, I. et al. "Federated IoT services leveraging 5G technologies at the edge". *Ad Hoc Networks*. 2018, 68. 58-69. <https://doi.org/10.1016/j.adhoc.2017.09.002>

Farooq, Ahmed et al. "Haptic user interface enhancement system for touchscreen based interaction: A novel system for multimodal interaction with touchscreen interfaces". *ICOSST 2014 - 2014 International Conference on Open Source Systems and Technologies, Proceedings*. Institute of Electrical and Electronics Engineers Inc. 2014, 25-31. <https://doi.org/10.1109/ICOSST.2014.7029316>

Farooq, Ahmed et al. "Developing novel multimodal interaction techniques for touchscreen in-vehicle infotainment systems". *ICOSST 2014 - 2014 International Conference on Open Source Systems and Technologies, Proceedings*. Institute of Electrical and Electronics Engineers Inc. 2014, 32-42. <https://doi.org/10.1109/ICOSST.2014.7029317>

Fanni, Tiziana et al. "Hardware design methodology using lightweight dataflow and its integration with low power techniques". *Journal of Systems Architecture*. 2017, 78. 15-29. <https://doi.org/10.1016/j.sysarc.2017.06.003>

Evreinova, Tatiana V., Grigori Evreinov and Roope Raisamo. "An evaluation of the virtual curvature with the StickGrip haptic device: A case study". *Universal Access in the Information Society*. 2013, 12(2). 161-173. <https://doi.org/10.1007/s10209-012-0273-0>

Eslahi, Nasser and Ali Aghagolzadeh. "Compressive Sensing Image Restoration Using Adaptive Curvelet Thresholding and Nonlocal Sparse Regularization". *IEEE Transactions on Image Processing*. 2016, 25(7). 3126-3140. <https://doi.org/10.1109/TIP.2016.2562563>

Emmert-Streib, Frank, Matthias Dehmer and Jürgen Kilian "Classification of large graphs by a local tree decomposition". *Proceedings of the 2005 International Conference on Data Mining, DMN'05*. 2005, 200-207.

Emmert-Streib, Frank, Matthias Dehmer and Yongtang Shi. "Fifty years of graph matching, network alignment and network comparison". *Information Sciences*. 2016, 346-347. 180-197. <https://doi.org/10.1016/j.ins.2016.01.074>

Eloranta, Veli-Pekka "Patterns for controlling chaos in a startup". *VikingPloP 2014 Proceedings of the 8th Nordic Conference on Pattern Languages of Programs*. ACM International Conference Proceeding Series. Association for Computing Machinery. 2014, 1-8. <https://doi.org/10.1145/2676680.2676682>

Ellervee, Peeter and Jari Nurmi. "Guest editorial". *Microprocessors and Microsystems*. 2013, 37(4-5). 430-431. <https://doi.org/10.1016/j.micpro.2013.05.002>

Egiazarian, Karen et al. "BM3D-HVS: Content-Adaptive denoising for improved visual quality". *Image Processing: Algorithms and Systems XV*. Electronic Imaging. 2017, 48-55. <https://doi.org/10.2352/ISSN.2470-1173.2017.13.DPMI-083>

Egiazarian, Karen et al. "Statistical Evaluation of Visual Quality Metrics for Image Denoising". *2018 IEEE International Conference on Acoustics, Speech, and Signal Processing, ICASSP 2018 - Proceedings*. Institute of Electrical and Electronics Engineers Inc. 2018, 6752-6756. <https://doi.org/10.1109/ICASSP.2018.8462294>

Efimushkina, T., M. Gabbouj and K. Samuylov. "Analytical model in discrete time for cross-layer video communication over LTE". *Automatic Control and Computer Sciences*. 2015, 48(6). 345-357. <https://doi.org/10.3103/S0146411614060029>

Dumitrescu, Bogdan et al. "Low-complexity robust DOA estimation". *ICASSP, IEEE International Conference on Acoustics, Speech and Signal Processing - Proceedings*. The Institute of Electrical and Electronics Engineers, Inc. 2015, 2794-2798. <https://doi.org/10.1109/ICASSP.2015.7178480>

Dricot, Antoine et al. "Subjective evaluation of Super Multi-View compressed contents on high-end light-field 3D displays". *Signal Processing: Image Communication*. 2015, 39(Part B). 369-385. <https://doi.org/10.1016/j.image.2015.04.012>

Diment, Aleksandr et al. "Detection of Typical Pronunciation Errors in Non-native English Speech Using Convolutional Recurrent Neural Networks". *2019 International Joint Conference on Neural Networks, IJCNN 2019*. IEEE. 2019. <https://doi.org/10.1109/IJCNN.2019.8851963>

Diebold, Philipp, Laurent Dieudonne, and Davide Taibi "Process configuration framework tool". *Proceedings - 40th Euromicro Conference Series on Software Engineering and Advanced Applications, SEAA 2014*. Institute of Electrical and Electronics Engineers Inc. 2014, 389-390. <https://doi.org/10.1109/SEAA.2014.28>

De Matos Simoes, Ricardo et al. "Network signatures based on gene pair expression ratios improve classification and the analysis of muscle-invasive urothelial cancer". *2015 IEEE International Conference on Bioinformatics and Biomedicine (BIBM)*. IEEE. 2015, 1216-1223. <https://doi.org/10.1109/BIBM.2015.7359855>

Del Bianco, Vieri et al. "The QualiSPo approach to OSS product quality evaluation". *3rd Int. Workshop on Emerging Trends in Free/Libre/Open Source Software Research and Development, FLOSS-3, in Conj. with the 32nd ACM/IEEE International Conference on Software Engineering, ICSE 2010*. 2010, 23-28. <https://doi.org/10.1145/1833272.1833277>

Del Bianco, Vieri et al. "A survey on open source software trustworthiness". *IEEE Software*. 2011, 28(5). 67-75. <https://doi.org/10.1109/MS.2011.93>

Dehmer, Matthias, Frank Emmert-Streib and Martin Grabner. "A computational approach to construct a multivariate complete graph invariant". *Information Sciences*. 2014, 260. 200-208. <https://doi.org/10.1016/j.ins.2013.11.008>

Dehmer, Matthias et al. "Highly unique network descriptors based on the roots of the permanent polynomial". *Information Sciences*. 2017, 408. 176-181. <https://doi.org/10.1016/j.ins.2017.04.041>

Dehmer, Matthias, Frank Emmert-Streib and Yongtang Shi. "Quantitative Graph Theory: A new branch of graph theory and network science". *Information Sciences*. 2017, 418-419. 575-580. <https://doi.org/10.1016/j.ins.2017.08.009>

- Dehmer, Matthias et al. "Graph measures with high discrimination power revisited: A random polynomial approach". *Information Sciences*. 2018, 467. 407-414. <https://doi.org/10.1016/j.ins.2018.07.072>
- Dehmer, Matthias et al. "Towards detecting structural branching and cyclicity in graphs: A polynomial-based approach". *Information Sciences*. 2019, 471. 19-28. <https://doi.org/10.1016/j.ins.2018.08.043>
- Dehmer, Matthias et al. "On the degeneracy of the Randić entropy and related graph measures". *Information Sciences*. 2018. <https://doi.org/10.1016/j.ins.2018.11.011>
- Daniel, Ondrej et al. "Blind sub-Nyquist GNSS signal detection". *2016 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)*. IEEE. 2016, 6575-6579. <https://doi.org/10.1109/ICASSP.2016.7472944>
- Dang, Duong and Samuli Pekkola. "Institutional Perspectives on the Process of Enterprise Architecture Adoption". *Information Systems Frontiers*. 2019. <https://doi.org/10.1007/s10796-019-09944-8>
- Cui, Yanqing et al. "Front-camera video recordings as emotion responses to mobile photos shared within close-knit groups". *CHI 2013: Changing Perspectives, Conference Proceedings - The 31st Annual CHI Conference on Human Factors in Computing Systems*. 2013, 981-990. <https://doi.org/10.1145/2470654.2466125>
- Cricri, Francesco et al. "Salient event detection in basketball mobile videos". *Proceedings - 2014 IEEE International Symposium on Multimedia, ISM 2014*. The Institute of Electrical and Electronics Engineers, Inc. 2015, 63-70. <https://doi.org/10.1109/ISM.2014.67>
- Couceiro, Miguel and Erko Lehtonen. "On the arity gap of finite functions: Results and applications". *Journal of Multiple-Valued Logic and Soft Computing*. 2016, 27(2-3). 193-207.
- Clawson, James et al. "The usability of text entry systems now and in the future". *CHI EA 2014: One of a ChiNd - Extended Abstracts, 32nd Annual ACM Conference on Human Factors in Computing Systems*. Association for Computing Machinery. 2014, 1139-1142. <https://doi.org/10.1145/2559206.2559217>
- Chowdhury, Aparajita, Aino Ahtinen, and Kirsikka Kaipainen ""The superhero of the university": Experience-driven design and field study of the university guidance robot". *AcademicMindtrek 2020 - Proceedings of the 23rd International Academic Mindtrek Conference: January 2020, Tampere*. ACM. 2020, 1-9. <https://doi.org/10.1145/3377290.3377304>
- Cho, Inkeun et al. "Configurable, resource-optimized FFT architecture for OFDM communication". *2013 IEEE International Conference on Acoustics, Speech, and Signal Processing, ICASSP 2013 - Proceedings*. 2013, 2746-2750. <https://doi.org/10.1109/ICASSP.2013.6638156>
- Cakir, Emre and Tuomas Virtanen "End-to-End Polyphonic Sound Event Detection Using Convolutional Recurrent Neural Networks with Learned Time-Frequency Representation Input". *2018 International Joint Conference on Neural Networks, IJCNN 2018 - Proceedings*. IEEE. 2018. <https://doi.org/10.1109/IJCNN.2018.8489470>
- Cai, Dingding et al. "Convolutional low-resolution fine-grained classification". *Pattern Recognition Letters*. 2019, 119. 166-171. <https://doi.org/10.1016/j.patrec.2017.10.020>
- Burova, Alisa et al. "The Finnish you – An interactive storytelling application for an airport environment". *Mindtrek 2018 - Proceedings of the 22nd International Academic Mindtrek Conference*. ACM. 2018, 182-191. <https://doi.org/10.1145/3275116.3275142>
- Burova, Alisa et al. "Promoting local culture and enriching airport experiences through interactive storytelling"., Jacucci, Giulio and Paterno, Fabio Rohs, Michael Santoro, Carmen (editors). *MUM 2019 - 18th International Conference on Mobile and Ubiquitous Multimedia, Proceedings*. ACM International Conference Proceeding Series. Association for Computing Machinery. 2019. <https://doi.org/10.1145/3365610.3365640>

- Bunte, Kerstin et al. "Optimal neighborhood preserving visualization by Maximum satisfiability". *Proceedings of the National Conference on Artificial Intelligence*. AI Access Foundation. 2014, 1694-1700.
- Bulling, Andreas et al. "2nd international workshop on pervasive eye tracking and mobile eye-based interaction (PETMEI 2012): Proposal for a workshop (mini-track) at UbiComp 2012". *UbiComp'12 - Proceedings of the 2012 ACM Conference on Ubiquitous Computing*. 2012, 673-676.
- Bujic, Mila and Juho Hamari "Satisfaction and willingness to consume immersive journalism: Experiment of differences between VR, 360 video, and article". *AcademicMindtrek 2020 - Proceedings of the 23rd International Academic Mindtrek Conference: January 2020, Tampere*. ACM. 2020, 120-125. <https://doi.org/10.1145/3377290.3377310>
- Brumley, Billy and Dan Page "Bit-sliced binary normal basis multiplication". *Proceedings - 20th IEEE Symposium on Computer Arithmetic, ARITH-20*. 2011, 205-212. <https://doi.org/10.1109/ARITH.2011.36>
- Brumley, Billy Bob and Kimmo U. Jarvinen. "Conversion algorithms and implementations for koblitz curve cryptography". *IEEE Transactions on Computers*. 2010, 59(1). 81-92. <https://doi.org/10.1109/TC.2009.132>
- Boutellier, Jani, Olli Silven and Mickael Raulet "Scheduling of CAL actor networks based on dynamic code analysis". *2011 IEEE International Conference on Acoustics, Speech, and Signal Processing, ICASSP 2011 - Proceedings*. 2011, 1609-1612. <https://doi.org/10.1109/ICASSP.2011.5946805>
- Borges, Lucas R. et al. "Method for Simulating Dose Reduction in Digital Breast Tomosynthesis". *IEEE Transactions on Medical Imaging*. 2017, 36(11). 2331-2342. <https://doi.org/10.1109/TMI.2017.2715826>
- Boashash, Boualem, Abdeldjalil Aïssa-EI-Bey, and Mohammad F. Al-Sa'd. "Multisensor Time-Frequency Signal Processing MATLAB package: An analysis tool for multichannel non-stationary data". *SoftwareX*. 2018, 8. 53-58. <https://doi.org/10.1016/j.softx.2017.12.002>
- Bhattacharyya, Shuvra S. et al. "Data-driven stream mining systems for computer vision". *Advances in Computer Vision and Pattern Recognition*. Advances in Computer Vision and Pattern Recognition. SPRINGER-VERLAG LONDON LTD. 2014, 249-264. [https://doi.org/10.1007/978-3-319-09387-1\\_12](https://doi.org/10.1007/978-3-319-09387-1_12)
- Bezzateev, Sergey et al. "Multi-factor authentication for wearables: Configuring system parameters with risk function". *Proceedings of the 2nd International Conference on Advanced Wireless Information, Data, and Communication Technologies, AWICT 2017*. ACM. 2017. <https://doi.org/10.1145/3231830.3231834>
- Belyaev, Evgeny et al. "Compressive sensed video recovery via iterative thresholding with random transforms". *IET Image Processing*. 2020, 14(6). 1187-1200. <https://doi.org/10.1049/iet-ipr.2019.0661>
- Beheshtian, Nasim et al. "Color game: A collaborative social robotic game for icebreaking; Towards the design of robotic ambiances as part of smart building services". *AcademicMindtrek 2020 - Proceedings of the 23rd International Academic Mindtrek Conference: January 2020, Tampere*. ACM. 2020, 10-19. <https://doi.org/10.1145/3377290.3377292>
- Begishev, V. O. et al. "Performance evaluation of bandwidth reservation for mmWave 5G NR systems". *Informatsionno-Upravliaiushchie Sistemy*. 2019, (5). 51-63. <https://doi.org/10.31799/1684-8853-2019-5-51-63>
- Battisti, F. et al. "Deep p-Fibonacci scattering networks". *Electronic Imaging: Image Processing: Algorithms and Systems XVI*. Society for Imaging Science and Technology. 2018. <https://doi.org/10.2352/ISSN.2470-1173.2018.13.IPAS-193>
- Barker, Thomas, Tuomas Virtanen and Niels Henrik Pontoppidan "Low-Latency Sound-Source-Separation using Non-Negative Matrix Factorisation with Coupled Analysis and Synthesis Dictionaries". *2015 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)*. IEEE. 2015, 241-245. <https://doi.org/10.1109/ICASSP.2015.7177968>

Baldassarre, Maria Teresa et al. "On the diffuseness of technical debt items and accuracy of remediation time when using SonarQube". *Information and Software Technology*. 2020. 128. <https://doi.org/10.1016/j.infsof.2020.106377>

Bahrudeen, Mohamed N.M., Sofia Startceva, and Andre S. Ribeiro "Effects of extrinsic noise are promoter kinetics dependent". *Proceedings of the 2017 9th International Conference on Bioinformatics and Biomedical Technology, ICBBT 2017*. ACM. 2017, 44-47. <https://doi.org/10.1145/3093293.3093295>

Badarneh, Osamah S. et al. "On the Secrecy Capacity of Fisher-Snedecor F Fading Channels". *2018 14th International Conference on Wireless and Mobile Computing, Networking and Communications, WiMob 2018*. IEEE. 2018, 102-107. <https://doi.org/10.1109/WiMOB.2018.8589137>

Badarneh, Osamah S. et al. "The N-Fisher-Snedecor F Cascaded Fading Model". *2018 14th International Conference on Wireless and Mobile Computing, Networking and Communications, WiMob 2018*. IEEE. 2018. <https://doi.org/10.1109/WiMOB.2018.8589124>

Baby, Deepak et al. "Exemplar-based speech enhancement for deep neural network based automatic speech recognition". *ICASSP, IEEE International Conference on Acoustics, Speech and Signal Processing - Proceedings*. The Institute of Electrical and Electronics Engineers, Inc. 2015, 4485-4489. <https://doi.org/10.1109/ICASSP.2015.7178819>

Babahajiani, Pouria et al. "Urban 3D segmentation and modelling from street view images and LiDAR point clouds". *Machine Vision and Applications*. 2017, 28(7). 679-694. <https://doi.org/10.1007/s00138-017-0845-3>

Azzari, Lucio and Alessandro Foi "Collaborative filtering based on group coordinates for smoothing and directional sharpening". *ICASSP, IEEE International Conference on Acoustics, Speech and Signal Processing - Proceedings*. IEEE. 2015, 1573-1577. <https://doi.org/10.1109/ICASSP.2015.7178235>

Azzari, Lucio, Lucas Rodrigues Borges, and Alessandro Foi "Modeling and estimation of signal-dependent and correlated noise". *Denosing of Photographic Images and Video: Fundamentals, Open Challenges and New Trends*. Advances in Computer Vision and Pattern Recognition. SPRINGER-VERLAG LONDON LTD. 2018, 1-36. [https://doi.org/10.1007/978-3-319-96029-6\\_1](https://doi.org/10.1007/978-3-319-96029-6_1)

Aytekin, Caglar et al. "Railway fastener inspection by real-time machine vision". *IEEE Transactions on Systems, Man, and Cybernetics: Systems*. 2015, 45(7). 1101-1107. <https://doi.org/10.1109/TSMC.2014.2388435>

Aytekin, Caglar, Alexandros Iosifidis, and Moncef Gabbouj. "Probabilistic saliency estimation". *Pattern Recognition*. 2018, 74. 359-372. <https://doi.org/10.1016/j.patcog.2017.09.023>

Aytekin, Caglar, Jarno Nikkanen, and Moncef Gabbouj. "A Dataset for Camera Independent Color Constancy". *IEEE Transactions on Image Processing*. 2018, 27(2). 530-544. <https://doi.org/10.1109/TIP.2017.2764264>

Aytekin, Caglar, Jarno Nikkanen, and Moncef Gabbouj "Deep multiresolution color constancy". *2017 IEEE International Conference on Image Processing, ICIP 2017 - Proceedings*. IEEE COMPUTER SOCIETY PRESS. 2018, 3735-3739. <https://doi.org/10.1109/ICIP.2017.8296980>

Astola, Jaakko et al. "An algebraic approach to reducing the number of variables of incompletely defined discrete functions". *Journal of Multiple-Valued Logic and Soft Computing*. 2018, 31(3). 239-253.

Astola, Helena, Radomir Stanković and Jaakko Astola. "Reduction of variables of index generation functions using linear and quadratic transformations". *Journal of Multiple-Valued Logic and Soft Computing*. 2018, 31(3). 255-270.

Aspling, Fredrik, Oskar Juhlin and Heli Vääätäjä "Understanding animals: A critical challenge in ACI". *NordiCHI 2018: Revisiting the Life Cycle - Proceedings of the 10th Nordic Conference on Human-Computer Interaction*. ACM. 2018, 148-160. <https://doi.org/10.1145/3240167.3240226>

- Arcelli Fontana, Francesca et al. "Are architectural smells independent from code smells? An empirical study". *Journal of Systems and Software*. 2019, 154. 139-156. <https://doi.org/10.1016/j.jss.2019.04.066>
- Andolina, Salvatore et al. "Intentstreams: Smart parallel search streams for branching exploratory search". *IUI 2015 - Proceedings of the 20th ACM International Conference on Intelligent User Interfaces*. Association for Computing Machinery. 2015, 300-305. <https://doi.org/10.1145/2678025.2701401>
- Amestoy, Thomas et al. "Random Forest Oriented Fast QTBT Frame Partitioning". *2019 IEEE International Conference on Acoustics, Speech, and Signal Processing, ICASSP 2019 - Proceedings*. IEEE. 2019, 1837-1841. <https://doi.org/10.1109/ICASSP.2019.8683413>
- Amestoy, Thomas et al. "Tunable VVC Frame Partitioning based on Lightweight Machine Learning". *IEEE Transactions on Image Processing*. 2019. <https://doi.org/10.1109/TIP.2019.2938670>
- Amaral, Vasco et al. "Programming languages for data-Intensive HPC applications: A systematic mapping study". *Parallel Computing*. 2019. 91. <https://doi.org/10.1016/j.parco.2019.102584>
- Altonen, Aaro et al. "Public and open HEVC encoding service in the cloud". *Proceedings of the 10th ACM Multimedia Systems Conference, MMSys 2019*. ACM. 2019, 300-303. <https://doi.org/10.1145/3304109.3323834>
- Ali, Ihtisham et al. "FinnForest dataset: A forest landscape for visual SLAM". *ROBOTICS AND AUTONOMOUS SYSTEMS*. 2020. 132. <https://doi.org/10.1016/j.robot.2020.103610>
- Aldaya, Alejandro Cabrera et al. "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>
- Al-Ars, Zaid et al. "The FitOptiVis ECSEL Project: Highly Efficient Distributed Embedded Image/Video Processing in Cyber-Physical Systems Invited Paper". *ACM International Conference on Computing Frontiers 2019, CF 2019 - Proceedings*. ACM. 2019, 333-338. <https://doi.org/10.1145/3310273.3323437>
- Alam, Md Hijbul, Jong Woo Ha and Sang Keun Lee. "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>
- Akyildiz, Ian F., Pu Wang and Shih Chun Lin. "SoftWater: Software-defined networking for next-generation underwater communication systems". *Ad Hoc Networks*. 2016. 46. <https://doi.org/10.1016/j.adhoc.2016.02.016>
- Akpinar, Ugur et al. "Thin form-factor super multiview head-up display system". *Stereoscopic Displays and Applications XXX*. IS&T International Symposium on Electronic Imaging. 2019. <https://doi.org/10.2352/ISSN.2470-1173.2019.3.SDA-631>
- Akkil, Deepak et al. "Glance awareness and gaze interaction in smartwatches". *CHI 2015 - Extended Abstracts Publication of the 33rd Annual CHI Conference on Human Factors in Computing Systems: Crossings*. Association for Computing Machinery. 2015, 1271-1276. <https://doi.org/10.1145/2702613.2732816>
- Ahti, Ville, Sami Hyrynsalmi and Olli Nevalainen "An evaluation framework for cross-platform mobile app development tools: A case analysis of adobe PhoneGap framework". *Computer Systems and Technologies 17th International Conference, CompSysTech 2016 - Proceedings*. Association for Computing Machinery. 2016, 41-48. <https://doi.org/10.1145/2983468.2983484>
- Ahmad, Waqas et al. "Shearlet Transform-Based Light Field Compression under Low Bitrates". *IEEE Transactions on Image Processing*. 2020, 29. 4269-4280. <https://doi.org/10.1109/TIP.2020.2969087>

Afolaranmi, Samuel Olaiya et al. "Methodology to obtain the security controls in multi-cloud applications". *CLOSER 2016 - Proceedings of the 6th International Conference on Cloud Computing and Services Science*. SCITEPRESS. 2016, 327-332. <https://doi.org/10.5220/0005912603270332>

Aflaki, Payman, Miska M. Hannuksela, and Moncef Gabbouj "Adaptive spatial resolution selection for stereoscopic video compression with MV-HEVC: A frequency based approach". *2014 IEEE International Symposium on Multimedia, ISM 2014, 10-12 Dec. 2014, Taichung*. The Institute of Electrical and Electronics Engineers, Inc. 2015, 267-270. <https://doi.org/10.1109/ISM.2014.11>

Adavanne, Sharath, Archontis Politis, and Tuomas Virtanen "Multichannel Sound Event Detection Using 3D Convolutional Neural Networks for Learning Inter-channel Features". *2018 International Joint Conference on Neural Networks, IJCNN 2018 - Proceedings*. IEEE. 2018. <https://doi.org/10.1109/IJCNN.2018.8489542>

Abdelaziz, Mahmoud, Lauri Anttila, and Mikko Valkama "Reduced-complexity digital predistortion for massive MIMO". *2017 IEEE International Conference on Acoustics, Speech, and Signal Processing, ICASSP 2017 - Proceedings*. IEEE. 2017, 6478-6482. <https://doi.org/10.1109/ICASSP.2017.7953404>