

Nanni, L, Maguolo, G & Paci, M 2020, 'Data augmentation approaches for improving animal audio classification', *Ecological Informatics*, Vuosikerta. 57, 101084. <https://doi.org/10.1016/j.ecoinf.2020.101084>

Elfgen, S, Rasilo, P & Hameyer, K 2020, 'Hysteresis and eddy-current losses in electrical steel utilising edge degradation due to cutting effects', *International Journal of Numerical Modelling: Electronic Networks, Devices and Fields*. <https://doi.org/10.1002/jnm.2781>

Khodamoradi, A, Liu, G, Mattavelli, P, Messo, T & Abedini, H 2020, 'PRBS-based loop gain identification and output impedance shaping in DC microgrid power converters', *Mathematics and Computers in Simulation*. <https://doi.org/10.1016/j.matcom.2020.04.017>

Neri, M, Perttu, L, Alanen, M, Luscietti, D & Pilotelli, M 2020, Safety at chimney-roof penetration: A numerical investigation . julkaisussa G Pernigotto, F Patuzzi, A Prada, V Corrado & A Gasparella (toim), *Building Simulation Applications, BSA 2019 - 4th IBPSA-Italy Conference*. Building Simulation Applications, Vuosikerta. 2020-June, Free University of Bozen Bolzano, Sivut 123-130, Bozen-Bolzano, Italia, 19/06/20.

Ni, X & Huttunen, H 2020, 'Vehicle Attribute Recognition by Appearance: Computer Vision Methods for Vehicle Type, Make and Model Classification', *Journal of Signal Processing Systems*. <https://doi.org/10.1007/s11265-020-01567-6>

Koyama, C, Tahara, S, Kohara, S, Onodera, Y, Småbråten, DR, Selbach, SM, Akola, J, Ishikawa, T, Masuno, A, Mizuno, A, Okada, JT, Watanabe, Y, Nakata, Y, Ohara, K, Tamaru, H, Oda, H, Obayashi, I, Hiraoka, Y & Sakata, O 2020, 'Very sharp diffraction peak in nonglass-forming liquid with the formation of distorted tetraclusters', *NPG ASIA MATERIALS*, Vuosikerta. 12, Nro 1, 43. <https://doi.org/10.1038/s41427-020-0220-0>

Räsänen, O, Seshadri, S, Karadayi, J, Riebling, E, Bunce, J, Cristia, A, Metze, F, Casillas, M, Rosemberg, C, Bergelson, E & Soderstrom, M 2019, 'Automatic word count estimation from daylong child-centered recordings in various language environments using language-independent syllabification of speech', *Speech Communication*, Vuosikerta. 113, Sivut 63-80. <https://doi.org/10.1016/j.specom.2019.08.005>

Kreutzer, J, Viehrig, M, Pölönen, RP, Zhao, F, Ojala, M, Aalto-Setälä, K & Kallio, P 2019, 'Pneumatic unidirectional cell stretching device for mechanobiological studies of cardiomyocytes', *BIOMECHANICS AND MODELING IN MECHANOBIOLOGY*. <https://doi.org/10.1007/s10237-019-01211-8>

Javanainen, M, Enkavi, G, Guixà-González, R, Kulig, W, Martinez-Seara, H, Levental, I & Vattulainen, I 2019, 'Reduced level of docosahexaenoic acid shifts GPCR neuroreceptors to less ordered membrane regions', *PLoS Computational Biology*, Vuosikerta. 15, Nro 5, e1007033. <https://doi.org/10.1371/journal.pcbi.1007033>

Yoo, SK, Cotton, SL, Sofotasios, PC, Muhaidat, S, Badarneh, OS & Karagiannidis, GK 2019, Energy Detection-Based Spectrum Sensing over Fisher-Snedecor F Fading Channels. julkaisussa *2018 IEEE Global Communications Conference*. , 8647778, IEEE, Abu Dhabi, Yhdistyneet arabiemirikunnat, 9/12/18. <https://doi.org/10.1109/GLOCOM.2018.8647778>

Kovalchukov, R, Moltchanov, D, Begishev, V, Samuylov, A, Andreev, S, Koucheryavy, Y & Samouylov, K 2019, Improved Session Continuity in 5G NR with Joint Use of Multi-Connectivity and Guard Bandwidth. julkaisussa *2018 IEEE Global Communications Conference, GLOBECOM 2018*. IEEE, Abu Dhabi, Yhdistyneet arabiemirikunnat, 9/12/18. <https://doi.org/10.1109/GLOCOM.2018.8647608>

Puonti, M & Raitalaakso, T 2019, Data Vault Mappings to Dimensional Model Using Schema Matching. julkaisussa P Doucek, J Basl, A Pavlicek, AM Tjoa, K Detter & M Raffai (toim), *Research and Practical Issues of Enterprise Information Systems - 13th IFIP WG 8.9 International Conference, CONFENIS 2019, Proceedings*. Lecture Notes in Business Information Processing, Vuosikerta. 375, Springer, Sivut 55-64, Prague, Tshekki, 16/12/19. [https://doi.org/10.1007/978-3-030-37632-1\\_5](https://doi.org/10.1007/978-3-030-37632-1_5)

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

Georgiev, GY, Aho, T, Kesseli, J, Yli-Harja, O & Kauffman, SA 2019, Action and power efficiency in self-organization: The case for growth efficiency as a cellular objective in escherichia coli. julkaisussa CL Flores Martinez, GY Georgiev, JM Smart & ME Price (toim), *Evolution, Development and Complexity - Multiscale Evolutionary Models of Complex Adaptive Systems*. Springer Proceedings in Complexity, Springer, Sivut 229-244, Cancun, Meksiko, 17/09/17. [https://doi.org/10.1007/978-3-030-00075-2\\_8](https://doi.org/10.1007/978-3-030-00075-2_8)

Taivalasaari, A, Mikkonen, T, Pautasso, C & Systä, K 2019, Client-Side Cornucopia: Comparing the Built-In Application Architecture Models in the Web Browser. julkaisussa MJ Escalona, F Domínguez Mayo, TA Majchrzak & V Monfort (toim), *Web Information Systems and Technologies - 14th International Conference, WEBIST 2018, Revised Selected Papers*. Lecture Notes in Business Information Processing, Vuosikerta. 372, Springer, Sivut 1-24, Seville, Espanja, 18/09/18. [https://doi.org/10.1007/978-3-030-35330-8\\_1](https://doi.org/10.1007/978-3-030-35330-8_1)

Laakom, F, Raitoharju, J, Iosifidis, A, Nikkanen, J & Gabbouj, M 2019, Color Constancy Convolutional Autoencoder. julkaisussa *2019 IEEE Symposium Series on Computational Intelligence, SSCI 2019.*, 9002684, IEEE, Sivut 1085-1090, 1/01/00. <https://doi.org/10.1109/SSCI44817.2019.9002684>

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

Stockrahm, A, Lahtinen, V, Kangas, JJJ & Kotiuga, PR 2019, 'Cuts for 3-D magnetic scalar potentials: Visualizing unintuitive surfaces arising from trivial knots', *Computers and Mathematics with Applications*. <https://doi.org/10.1016/j.camwa.2019.05.023>

Pascual Campo, P, Lampu, V, Meirhaeghe, A, Boutellier, J, Anttila, L & Valkama, M 2019, 'Digital Predistortion for 5G Small Cell: GPU Implementation and RF Measurements', *Journal of Signal Processing Systems*. <https://doi.org/10.1007/s11265-019-01502-4>

Ahtiluoto, M, Ellman, A & Coatanea, E 2019, 'Model for evaluating additive manufacturing feasibility in end-use production', *Proceedings of the International Conference on Engineering Design, ICED*, Vuosikerta. 1, Nro 1, Sivut 799-808. <https://doi.org/10.1017/dsi.2019.84>

Raitoharju, J & Meissner, K 2019, On Confidences and Their Use in (Semi-)Automatic Multi-Image Taxa Identification. julkaisussa *2019 IEEE Symposium Series on Computational Intelligence, SSCI 2019.*, 9002975, IEEE, Sivut 1338-1343, 1/01/00. <https://doi.org/10.1109/SSCI44817.2019.9002975>

Raunio, J-P & Ritala, R 2018, 'Active scanner control on paper machines', *Journal of Process Control*, Vuosikerta. 72, Sivut 74-90. <https://doi.org/10.1016/j.jprocont.2018.09.012>

Ottosen, NS, Ristinmaa, M & Kouhia, R 2018, 'Enhanced multiaxial fatigue criterion that considers stress gradient effects', *International Journal of Fatigue*, Vuosikerta. 116, Sivut 128-139. <https://doi.org/10.1016/j.ijfatigue.2018.05.024>

Hautala, I, Boutellier, J, Nyländén, T & Silvén, O 2018, 'Toward Efficient Execution of RVC-CAL Dataflow Programs on Multicore Platforms', *Journal of Signal Processing Systems*, Vuosikerta. 90, Nro 11, Sivut 1507-1517. <https://doi.org/10.1007/s11265-018-1339-x>

Pantsar, T, Rissanen, S, Dauch, D, Laitinen, T, Vattulainen, I & Poso, A 2018, 'Assessment of mutation probabilities of KRAS G12 missense mutants and their long-timescale dynamics by atomistic molecular simulations and Markov state modeling', *PLoS Computational Biology*, Vuosikerta. 14, Nro 9, e1006458. <https://doi.org/10.1371/journal.pcbi.1006458>

Ortombina, L, Liegmann, E, Karamanakos, P, Tinazzi, F, Zigliotto, M & Kennel, R 2018, Constrained Long-Horizon Direct Model Predictive Control for Synchronous Reluctance Motor Drives. julkaisussa *2018 IEEE 19th Workshop on Control and Modeling for Power Electronics, COMPEL 2018.*, 8460173, IEEE, Padova, Italia, 25/06/18. <https://doi.org/10.1109/COMPEL.2018.8460173>

Ponomarenko, M, Egiazarian, K, Lukin, V & Abramova, V 2018, Structural Similarity Index with Predictability of Image Blocks. julkaisussa *2018 IEEE 17th International Conference on Mathematical Methods in Electromagnetic Theory, MMET 2018 - Proceedings*. Vuosikerta. 2018-July, 8460285, IEEE COMPUTER SOCIETY PRESS, Sivut 115-118, Kyiv, Ukraina, 2/07/18. <https://doi.org/10.1109/MMET.2018.8460285>

Ugalde-Loo, CE, Acha, E & Licéaga-Castro, E 2018, 'Analysis of the damping characteristics of two power electronics-based devices using 'individual channel analysis and design'', *Applied Mathematical Modelling*, Vuosikerta. 59, Sivut 527-545. <https://doi.org/10.1016/j.apm.2018.02.008>

Dehmer, M, Chen, Z, Emmert-Streib, F, Shi, Y, Tripathi, S, Musa, A & Mowshowitz, A 2018, 'Properties of graph distance measures by means of discrete inequalities', *Applied Mathematical Modelling*, Vuosikerta. 59, Sivut 739-749. <https://doi.org/10.1016/j.apm.2018.01.027>

Krogerus, T, Hyvönen, M & Huhtala, K 2018, 'Analysis of common rail pressure signal of dual-fuel large industrial engine for identification of injection duration of pilot diesel injectors', *Fuel*, Vuosikerta. 216, Sivut 1-9. <https://doi.org/10.1016/j.fuel.2017.11.152>

Lenarduzzi, V, Stan, AC, Taibi, D, Venters, G & Windegger, M 2018, Prioritizing corrective maintenance activities for android applications: An industrial case study on android crash reports. julkaisussa *Software Quality: Methods and Tools for Better Software and Systems - 10th International Conference, SWQD 2018, Proceedings*. Lecture Notes in Business Information Processing, Vuosikerta. 302, Springer-Verlag Berlin Heidelberg, Sivut 133-143, INTERNATIONAL CONFERENCE ON SOFTWARE QUALITY, 1/01/00. [https://doi.org/10.1007/978-3-319-71440-0\\_8](https://doi.org/10.1007/978-3-319-71440-0_8)

Borgianni, Y, Lenarduzzi, V, Rotini, F & Taibi, D 2018, Bringing stimulated ideation in a web environment: Students' evaluations of a basic software release. julkaisussa E Dekoninck, A Wodehouse, C Snider, G Georgiev & G Cascini (toim), *ICDC 2018 - 5th International Conference on Design Creativity, Conference Proceedings*. Proceedings of the International Conference on Engineering Design, ICED, DESIGN SOCIETY, Bath, Iso-Britannia, 31/01/18.

Järvinen, H, Honkanen, M, Järvenpää, M & Peura, P 2018, 'Effect of paint baking treatment on the properties of press hardened boron steels', *Journal of Materials Processing Technology*, Vuosikerta. 252, Sivut 90-104. <https://doi.org/10.1016/j.jmatprotec.2017.08.027>

Coatanéa, E, Wu, D, Tsarkov, V, Gary Wang, G, Modi, S & Jafarian, H 2018, Knowledge-based artificial neural network (KB-ANN) in engineering: Associating functional architecture modeling, dimensional analysis and causal graphs to produce optimized topologies for KB-ANNs. julkaisussa *38th Computers and Information in Engineering Conference*. Vuosikerta. 1B-2018, The American Society of Mechanical Engineers ASME, Quebec City, Kanada, 26/08/18. <https://doi.org/10.1115/DETC201885895>

Wu, J, Blattner, T, Keyrouz, W & Bhattacharyya, SS 2018, 'Model-Based Dynamic Scheduling for Multicore Signal Processing', *Journal of Signal Processing Systems*, Sivut 1-14. <https://doi.org/10.1007/s11265-018-1412-5>

Enkavi, G, Mikkolainen, H, Güngör, B, Ikonen, E & Vattulainen, I 2017, 'Concerted regulation of npc2 binding to endosomal/lysosomal membranes by bis(monoacylglycero)phosphate and sphingomyelin', *PLoS Computational Biology*, Vuosikerta. 13, Nro 10, e1005831. <https://doi.org/10.1371/journal.pcbi.1005831>

Still, K, Seppänen, M, Korhonen, H, Valkokari, K, Suominen, A & Kumpulainen, M 2017, Business Model Innovation of Startups Developing Multisided Digital Platforms. julkaisussa *Proceedings - 2017 IEEE 19th Conference on Business Informatics, CBI 2017*. IEEE, Sivut 70-75, IEEE International Conference on Business Informatics, 1/01/00. <https://doi.org/10.1109/CBI.2017.86>

Vuorio, J, Vattulainen, I & Martinez-Seara, H 2017, 'Atomistic fingerprint of hyaluronan-CD44 binding', *PLoS Computational Biology*, Vuosikerta. 13, Nro 7, e1005663. <https://doi.org/10.1371/journal.pcbi.1005663>

Yoo, SK, Cotton, SL, Sofotasios, PC, Matthaiou, M, Valkama, M & Karagiannidis, GK 2017, 'The Fisher-Snedecor F Distribution: A Simple and Accurate Composite Fading Model', *IEEE Communications Letters*, Vuosikerta. 21, Nro 7, Sivut 1661-1664. <https://doi.org/10.1109/LCOMM.2017.2687438>

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

Hussain, W, Hoffmann, H, Ahonen, T & Nurmi, J 2017, 'Power Mitigation by Performance Equalization in a Heterogeneous Reconfigurable Multicore Architecture', *Journal of Signal Processing Systems*, Vuosikerta. 87, Nro 3, Sivut 287-297. <https://doi.org/10.1007/s11265-016-1142-5>

Blattner, T, Keyrouz, W, Bhattacharyya, SS, Halem, M & Brady, M 2017, 'A Hybrid Task Graph Scheduler for High Performance Image Processing Workflows', *Journal of Signal Processing Systems*, Vuosikerta. 89, Nro 3, Sivut 457-467. <https://doi.org/10.1007/s11265-017-1262-6>

Taibi, D, Lenarduzzi, V, Janes, A, Liukkonen, K & Ahmad, MO 2017, Comparing requirements decomposition within the Scrum, Scrum with Kanban, XP, and Banana development processes. julkaisussa *Agile Processes in Software Engineering and Extreme Programming - 18th International Conference, XP 2017, Proceedings*. Lecture Notes in Business Information Processing, Vuosikerta. 283, Springer Verlag, Sivut 68-83, Cologne, Saksa, 22/05/17. [https://doi.org/10.1007/978-3-319-57633-6\\_5](https://doi.org/10.1007/978-3-319-57633-6_5)

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

Boutellier, J & Nyländén, T 2017, 'Design Flow for GPU and Multicore Execution of Dynamic Dataflow Programs', *Journal of Signal Processing Systems*, Vuosikerta. 89, Nro 3, Sivut 469-478. <https://doi.org/10.1007/s11265-017-1260-8>

Wu, D, Coatanea, E & Wang, GG 2017, Dimension reduction and decomposition using causal graph and qualitative analysis for aircraft concept design optimization. julkaisussa *43rd Design Automation Conference*. The American Society of Mechanical Engineers ASME, 1/01/00. <https://doi.org/10.1115/DETC201767601>

Suonsyrjä, S 2017, Eeny, Meeny, Miny, Mo...: A multiple case study on selecting a technique for user-interaction data collecting. julkaisussa *Agile Processes in Software Engineering and Extreme Programming - 18th International Conference, XP 2017, Proceedings*. Lecture Notes in Business Information Processing, Vuosikerta. 283, Springer Verlag, Sivut 52-67, INTERNATIONAL CONFERENCE ON AGILE SOFTWARE DEVELOPMENT, 1/01/00. [https://doi.org/10.1007/978-3-319-57633-6\\_4](https://doi.org/10.1007/978-3-319-57633-6_4)

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

Humaloja, J-P, Ali-Löytty, S, Pohjolainen, S & Hämäläinen, T 2017, Independent Loops Search in Flow Networks Aiming for Well-Conditioned System of Equations. julkaisussa P Quintela, P Barral, D Gómez, FJ Pena, J Rodríguez, P Salgado & ME Vázquez-Méndez (toim), *Progress in Industrial Mathematics at ECMI 2016*. Mathematics in industry, Vuosikerta. 26, Springer International Publishing, EUROPEAN CONFERENCE ON MATHEMATICS FOR INDUSTRY, 1/01/00. <https://doi.org/10.1007/978-3-319-63082-3>

Lindroos, M, Laukkanen, A, Cailletaud, G & Kuokkala, V-T 2017, 'On the effect of deformation twinning and microstructure to strain hardening of high manganese austenitic steel 3D microstructure aggregates at large strains', *International Journal of Solids and Structures*, Vuosikerta. 125, Sivut 68-76. <https://doi.org/10.1016/j.ijsolstr.2017.07.015>

Li, K, Ghazi, A, Tarver, C, Boutellier, J, Abdelaziz, M, Anttila, L, Juntti, M, Valkama, M & Cavallaro, JR 2017, 'Parallel Digital Predistortion Design on Mobile GPU and Embedded Multicore CPU for Mobile Transmitters', *Journal of Signal Processing Systems*, Vuosikerta. 89, Nro 3, Sivut 417-430. <https://doi.org/10.1007/s11265-017-1233-y>

Fedorov, S, Orlov, Y, Samuylov, A, Moltchanov, D, Gaidamaka, Y, Samouylov, K & Shorgin, S 2017, Sir distribution in D2D environment with non-stationary mobility of users. julkaisussa *Proceedings - 31st European Conference on Modelling and Simulation, ECMS 2017*. EUROPEAN COUNCIL FOR MODELLING AND SIMULATION, Sivut 720-725, EUROPEAN CONFERENCE ON MODELLING AND SIMULATION, 1/01/00. <https://doi.org/10.7148/2017-0720>

Salo, M, Pirkkalainen, H & Koskelainen, T 2017, Technostress and social networking services: Uncovering strains and their underlying stressors. julkaisussa *Nordic Contributions in IS Research - 8th Scandinavian Conference on Information Systems, SCIS 2017, Proceedings*. Lecture Notes in Business Information Processing, Vuosikerta. 294, Springer Verlag, Sivut 41-53, SCANDINAVIAN CONFERENCE ON INFORMATION SYSTEMS, 1/01/00. [https://doi.org/10.1007/978-3-319-64695-4\\_4](https://doi.org/10.1007/978-3-319-64695-4_4)

Orlov, Y, Zenyuk, D, Samuylov, A, Moltchanov, D, Andreev, S, Romashkova, O, Gaidamaka, Y & Samouylov, K 2017, Time-dependent SIR modeling for D2D communications in indoor deployments. julkaisussa *Proceedings - 31st European Conference on Modelling and Simulation, ECMS 2017*. EUROPEAN COUNCIL FOR MODELLING AND SIMULATION, Sivut 726-731, EUROPEAN CONFERENCE ON MODELLING AND SIMULATION, 1/01/00.

Symonds, P, Taylor, J, Chalabi, Z, Mavrogianni, A, Davies, M, Hamilton, I, Vardoulakis, S, Heaviside, C & Macintyre, H 2016, 'Development of an England-wide indoor overheating and air pollution model using artificial neural networks', *JOURNAL OF BUILDING PERFORMANCE SIMULATION*, Vuosikerta. 9, Nro 6, Sivut 606-619. <https://doi.org/10.1080/19401493.2016.1166265>

Palyulin, VV, Chechkin, AV, Klages, R & Metzler, R 2016, 'Search reliability and search efficiency of combined Lévy-Brownian motion: Long relocations mingled with thorough local exploration', *Journal of Physics A: Mathematical and Theoretical*, Vuosikerta. 49, Nro 39, 394002. <https://doi.org/10.1088/1751-8113/49/39/394002>

Dumitrescu, M, Uusitalo, T, Virtanen, H, Laakso, A, Bardella, P & Montrosset, I 2016, Simulation of photon-photon resonance enhanced direct modulation bandwidth of DFB lasers. julkaisussa *16th International Conference on Numerical Simulation of Optoelectronic Devices, NUSOD 2016*. IEEE, Sivut 147-148, International Conference on Numerical Simulation of Optoelectronic Devices, 1/01/00. <https://doi.org/10.1109/NUSOD.2016.7547075>

Virtanen, H, Uusitalo, T & Dumitrescu, M 2016, Simulation studies of DFB laser longitudinal structures for narrow linewidth emission. julkaisussa *16th International Conference on Numerical Simulation of Optoelectronic Devices, NUSOD 2016*. IEEE, Sivut 153-154, International Conference on Numerical Simulation of Optoelectronic Devices, 1/01/00. <https://doi.org/10.1109/NUSOD.2016.7547078>

Uusitalo, T, Virtanen, H & Dumitrescu, M 2016, Transverse structure optimization of laterally-coupled ridge waveguide DFB lasers. julkaisussa *16th International Conference on Numerical Simulation of Optoelectronic Devices, NUSOD 2016*. IEEE, Sivut 79-80, International Conference on Numerical Simulation of Optoelectronic Devices, 1/01/00. <https://doi.org/10.1109/NUSOD.2016.7547038>

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

Pohjolainen, S & Suutala, A 2016, Acoustic Modelling. julkaisussa S Pohjolainen (Toimittaja), *Mathematical Modelling*. Springer, Switzerland, Sivut 185-205. [https://doi.org/10.1007/978-3-319-27836-0\\_11](https://doi.org/10.1007/978-3-319-27836-0_11)

Rubel, O, Lukin, V & Egiazarian, K 2016, On prediction of DCT-based denoising efficiency under spatially correlated noise conditions. julkaisussa *2016 13th International Conference on Modern Problems of Radio Engineering, Telecommunications and Computer Science (TCSET)*. IEEE, Sivut 750-754, 1/01/00. <https://doi.org/10.1109/TCSET.2016.7452171>

Korkiakoski, S, Brøndsted, P, Sarlin, E & Saarela, O 2016, 'Influence of specimen type and reinforcement on measured tension-tension fatigue life of unidirectional GFRP laminates', *International Journal of Fatigue*, Vuosikerta. 85, Sivut 114-129. <https://doi.org/10.1016/j.ijfatigue.2015.12.008>

Tokola, H, Niemi, E & Väistö, V 2016, Lean manufacturing methods in simulation literature: Review and association analysis. julkaisussa *2015 Winter Simulation Conference (WSC)*. Sivut 2239-2248, WINTER SIMULATION CONFERENCE, 1/01/00. <https://doi.org/10.1109/WSC.2015.7408336>

Mattila, K, Puurtinen, T, Hyväluoma, J, Surmas, R, Myllys, M, Turpeinen, T, Robertsén, F, Westerholm, J & Timonen, J 2016, 'A prospect for computing in porous materials research: Very large fluid flow simulations', *Journal of Computational Science*, Vuosikerta. 12, Sivut 62-76. <https://doi.org/10.1016/j.jocs.2015.11.013>

Canelas, P, Martins, L, Mora, A, S. Ribeiro, A & Fonseca, J 2016, An image generator platform to improve cell tracking algorithms simulation of objects of various morphologies, kinetics and clustering. julkaisussa *SIMULTECH 2016 - Proceedings of the 6th International Conference on Simulation and Modeling Methodologies, Technologies and Applications*. SCITEPRESS, Sivut 44-55, INTERNATIONAL CONFERENCE ON SIMULATION AND MODELING METHODOLOGIES, TECHNOLOGIES AND APPLICATIONS, 1/01/00.

Sandev, T, Iomin, A, Kantz, H, Metzler, R & Chechkin, A 2016, 'Comb Model with Slow and Ultraslow Diffusion', *Mathematical Modelling of Natural Phenomena*, Vuosikerta. 11, Nro 3, Sivut 18-33. <https://doi.org/10.1051/mmnp/201611302>

Suominen, A, Hyrynsalmi, S & Seppänen, M 2016, Ecosystems Here, There, and Everywhere — A Barometrical Analysis of the Roots of 'Software Ecosystem'. julkaisussa *Software Business: 7th International Conference, ICSOB 2016, Ljubljana, Slovenia, June 13-14, 2016, Proceedings*. Lecture Notes in Business Information Processing, Vuosikerta. 240, Springer Verlag, Sivut 32-46, International Conference on Software Business, 1/01/00. [https://doi.org/10.1007/978-3-319-40515-5\\_3](https://doi.org/10.1007/978-3-319-40515-5_3)

Aghababaeetafreshi, M, Lehtonen, LK, Levanen, T, Valkama, M & Takala, J 2016, 'IEEE 802.11ac MIMO Transceiver Baseband Processing on a VLIW Processor', *Journal of Signal Processing Systems*. <https://doi.org/10.1007/s11265-015-1032-2>

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

Hokkanen, L, Kuusinen, K & Väänänen, K 2016, Minimum viable user experience: A framework for supporting product design in startups. julkaisussa *Agile Processes, in Software Engineering, and Extreme Programming: 17th International Conference, XP 2016, Edinburgh, UK, May 24-27, 2016, Proceedings*. Lecture Notes in Business Information Processing, Vuosikerta. 251, Springer Verlag, Sivut 66-78, INTERNATIONAL CONFERENCE ON AGILE SOFTWARE DEVELOPMENT, 1/01/00. [https://doi.org/10.1007/978-3-319-33515-5\\_6](https://doi.org/10.1007/978-3-319-33515-5_6)

Samuylov, A, Moltchanov, D, Gaidamaka, Y, Begishev, V, Kovalchukov, R, Abaev, P & Shorgin, S 2016, Sir analysis in square-shaped indoor premises. julkaisussa *Proceedings - 30th European Conference on Modelling and Simulation, ECMS 2016*. EUROPEAN COUNCIL FOR MODELLING AND SIMULATION, Sivut 692-697, EUROPEAN CONFERENCE ON MODELLING AND SIMULATION, 1/01/00. <https://doi.org/10.7148/2016-0692>

Ruohonen, J, Hyrynsalmi, S & Leppänen, V 2016, Software vulnerability life cycles and the age of software products: An empirical assertion with operating system products. julkaisussa *Advanced Information Systems Engineering Workshops - CAiSE 2016 International Workshops, Proceedings*. Lecture Notes in Business Information Processing, Vuosikerta. 249, Springer Verlag, Sivut 207-218, Ljubljana, Slovenia, 13/06/16. <https://doi.org/10.1007/978-3-319-39564-7-20>

Hosseini, SSS, Jamali, MM, Astola, J & Gorsevski, PV 2016, 'Target tracking via combination of particle filter and optimisation techniques', *International Journal of Mathematical Modelling and Numerical Optimization*, Vuosikerta. 7, Nro 2, Sivut 212-229. <https://doi.org/10.1504/IJMMNO.2016.077068>

Yrjönkoski, K, Helander, N & Jaakkola, H 2016, To network or not to network? Analysis of the Finnish software industry-A networking approach. julkaisussa *Software Business: 7th International Conference, ICSOB 2016, Ljubljana, Slovenia, June 13-14, 2016, Proceedings*. Lecture Notes in Business Information Processing, Vuosikerta. 240, Springer Verlag, Sivut 124-134, International Conference on Software Business, 1/01/00. [https://doi.org/10.1007/978-3-319-40515-5\\_9](https://doi.org/10.1007/978-3-319-40515-5_9)

Taibi, D, Janes, A & Lenarduzzi, V 2016, Towards a lean approach to reduce code smells injection: An empirical study. julkaisussa *Agile Processes in Software Engineering and Extreme Programming - 17th International Conference, XP 2016, Proceedings*. Lecture Notes in Business Information Processing, Vuosikerta. 251, Springer Verlag, Edinburgh, Iso-Britannia, 24/05/16. [https://doi.org/10.1007/978-3-319-33515-5\\_30](https://doi.org/10.1007/978-3-319-33515-5_30)

Ylinen, A, Mäkinen, J & Kouhia, R 2016, Two models for hydraulic cylinders in flexible multibody simulations. julkaisussa *Computational Methods for Solids and Fluids: Multiscale Analysis, Probability Aspects and Model Reduction*. Computational Methods in Applied Sciences, Vuosikerta. 41, Springer, Sivut 463-493. [https://doi.org/10.1007/978-3-319-27996-1\\_17](https://doi.org/10.1007/978-3-319-27996-1_17)

López, MB, Nieto, A, Silvén, O, Bóutellier, J & Vilariño, DL 2015, Reconfigurable computing for future vision-capable devices. julkaisussa *Proceedings - 2015 International Conference on Embedded Computer Systems: Architectures, Modeling and Simulation, SAMOS 2015.*, 7363657, Institute of Electrical and Electronics Engineers Inc., Sivut 34-41, Samos, Kreikka, 20/07/15. <https://doi.org/10.1109/SAMOS.2015.7363657>

Karamanakos, P, Geyer, T & Kennel, R 2015, Computationally efficient optimization algorithms for model predictive control of linear systems with integer inputs. julkaisussa *2015 54th IEEE Conference on Decision and Control, CDC 2015*. Sivut 3663-3668, Osaka, Japani, 15/12/15. <https://doi.org/10.1109/CDC.2015.7402787>

Bencheikh, K & Räsänen, E 2015, 'Hermitian one-particle density matrix through a semiclassical gradient expansion', *Journal of Physics A: Mathematical and Theoretical*, Vuosikerta. 49, Nro 1, 015205. <https://doi.org/10.1088/1751-8113/49/1/015205>

Safdari, H, Cherstvy, AG, Chechkin, AV, Thiel, F, Sokolov, IM & Metzler, R 2015, 'Quantifying the non-ergodicity of scaled Brownian motion', *Journal of Physics A: Mathematical and Theoretical*, Vuosikerta. 48, Nro 37, 375002. <https://doi.org/10.1088/1751-8113/48/37/375002>

Ruohonen, J, Hyrnsalmi, S & Leppänen, V 2015, Software evolution and time series volatility: An empirical exploration. julkaisussa *14th International Workshop on Principles of Software Evolution, IWPSSE 2015 - Proceedings*. Vuosikerta. 30-Aug-2015, Institute of Electrical and Electronics Engineers Inc., Sivut 56-65, Bergamo, Italia, 30/08/15. <https://doi.org/10.1145/2804360.2804367>

Levin, M, Rojas, E, Vanhala, E, Vippola, M, Liguori, B, Kling, KI, Koponen, IK, Mølhave, K, Tuomi, T, Gregurec, D, Moya, S & Jensen, KA 2015, 'Influence of relative humidity and physical load during storage on dustiness of inorganic nanomaterials: implications for testing and risk assessment', *Journal of Nanoparticle Research*, Vuosikerta. 17, Nro 8, 337. <https://doi.org/10.1007/s11051-015-3139-6>

Krüsemann, H, Godec, A & Metzler, R 2015, 'Ageing first passage time density in continuous time random walks and quenched energy landscapes', *Journal of Physics A: Mathematical and Theoretical*, Vuosikerta. 48, Nro 28, 285001. <https://doi.org/10.1088/1751-8113/48/28/285001>

Matos Simoes, RD, Dalleau, S, Williamson, KE & Emmert-Streib, F 2015, 'Urothelial cancer gene regulatory networks inferred from large-scale RNAseq, Bead and Oligo gene expression data', *BMC Systems Biology*, Vuosikerta. 9, 21. <https://doi.org/10.1186/s12918-015-0165-z>

Koivisto, AJ, Aromaa, M, Koponen, IK, Fransman, W, Jensen, KA, Mäkelä, JM & Hämeri, KJ 2015, 'Workplace performance of a loose-fitting powered air purifying respirator during nanoparticle synthesis', *Journal of Nanoparticle Research*, Vuosikerta. 17, Nro 4. <https://doi.org/10.1007/s11051-015-2990-9>

Blavatska, V & Metzler, R 2015, 'Conformational properties of complex polymers: Rosette versus star-like structures', *Journal of Physics A: Mathematical and Theoretical*, Vuosikerta. 48, Nro 13, 135001. <https://doi.org/10.1088/1751-8113/48/13/135001>

Di Gironimo, G, Lanzotti, A, Marzullo, D, Esposito, G, Carfora, D & Siuko, M 2015, 'Iterative and Participative Axiomatic Design Process in complex mechanical assemblies: case study on fusion engineering', *International Journal on Interactive Design and Manufacturing*, Vuosikerta. 9, Nro 4, Sivut 325-338. <https://doi.org/10.1007/s12008-015-0270-7>

Nix, E, Das, P, Taylor, J & Davies, M 2015, Employing a multi-Objective robust optimisation method for healthy and low-energy dwelling design in Delhi, India. julkaisussa *Proceedings of the 2014 Building Simulation and Optimization Conference*. Sivut 2093-2100, Hyderabad, Intia, 7/12/15.

Takalo, R, Hytti, H, Ihalainen, H & Sohlberg, A 2015, 'Adaptive autoregressive model for reduction of noise in SPECT', *Computational and Mathematical Methods in Medicine*, Vuosikerta. 2015, 494691. <https://doi.org/10.1155/2015/494691>

Pertilä, P & Nikunen, J 2015, 'Distant speech separation using predicted time-frequency masks from spatial features', *Speech Communication*, Vuosikerta. 68, Sivut 97-106. <https://doi.org/10.1016/j.specom.2015.01.006>

Lenarduzzi, V, Lunesu, I, Matta, M & Taibi, D 2015, Functional size measures and effort estimation in agile development: A replicated study. julkaisussa *Agile Processes, in Software Engineering, and Extreme Programming - 16th International Conference, XP 2015, Proceedings*. Vuosikerta. 212, Lecture Notes in Business Information Processing, Vuosikerta. 212, Springer-Verlag Berlin Heidelberg, Sivut 105-116, Helsinki, Suomi, 25/05/15. [https://doi.org/10.1007/978-3-319-18612-2\\_9](https://doi.org/10.1007/978-3-319-18612-2_9)

Järvi, A, Taajamaa, V & Hyrynsalmi, S 2015, Lean software startup – an experience report from an entrepreneurial software business course. julkaisussa *Software Business - 6th International Conference, ICSOB 2015, Proceedings*. Vuosikerta. 210, Lecture Notes in Business Information Processing, Vuosikerta. 210, Springer Verlag, Sivut 230-244, Braga, Portugali, 10/06/15. [https://doi.org/10.1007/978-3-319-19593-3\\_21](https://doi.org/10.1007/978-3-319-19593-3_21)

Lu, W, Nummenmaa, J & Zhang, Z 2015, Passive condition pre-enforcement for rights exporting. julkaisussa *Perspectives in Business Informatics Research - 14th International Conference, BIR 2015, Proceedings*. Vuosikerta. 229, Lecture Notes in Business Information Processing, Vuosikerta. 229, Springer Verlag, Sivut 241-254, Tartu, Viro, 26/08/15. [https://doi.org/10.1007/978-3-319-21915-8\\_16](https://doi.org/10.1007/978-3-319-21915-8_16)

Tauriainen, M, Puttonen, J, Saari, A, Laakso, P & Forsblom, K 2015, The assessment of constructability: BIM cases. julkaisussa *eWork and eBusiness in Architecture, Engineering and Construction - Proceedings of the 10th European Conference on Product and Process Modelling, ECPPM 2014*. CRC Press/Balkema, Sivut 55-61, Vienna, Itävalta, 17/09/14.

Hokkanen, L & Väänänen-Vainio-Mattila, K 2015, UX work in startups: Current practices and future needs. julkaisussa *Agile Processes in Software Engineering and Extreme Programming: 16th International Conference, XP 2015, Helsinki, Finland, May 25-29, 2015, Proceedings*. Vuosikerta. 212, Lecture Notes in Business Information Processing, Vuosikerta. 212, Springer Verlag, Sivut 81-92, INTERNATIONAL CONFERENCE ON AGILE SOFTWARE DEVELOPMENT, 1/01/00. [https://doi.org/10.1007/978-3-319-18612-2\\_7](https://doi.org/10.1007/978-3-319-18612-2_7)

Hyrynsalmi, S, Seppänen, M, Nokkala, T, Suominen, A & Järvi, A 2015, Wealthy, healthy and/or happy —what does 'ecosystem health' stand for? julkaisussa *6th International Conference on Software Business, ICSOB 2015; Braga; Portugal; 10 June 2015 through 12 June 2015*. Vuosikerta. 210, Lecture Notes in Business Information Processing, Vuosikerta. 210, Springer Verlag, Sivut 272-287, International Conference on Software Business, 1/01/00. [https://doi.org/10.1007/978-3-319-19593-3\\_24](https://doi.org/10.1007/978-3-319-19593-3_24)

Marinho, P, Vermandel, M, Bourgeois, P, Lejeune, JP, Mordon, S & Thines, L 2014, 'Preoperative simulation for the planning of microsurgical clipping of intracranial aneurysms', *SIMULATION IN HEALTHCARE*, Vuosikerta. 9, Nro 6, Sivut 370-376. <https://doi.org/10.1097/SIH.0000000000000056>

Saintsing, CD, Cook, BS & Tentzeris, MM 2014, An origami inspired reconfigurable spiral antenna. julkaisussa *38th Mechanisms and Robotics Conference*. Vuosikerta. 5B, The American Society of Mechanical Engineers ASME, Buffalo, Yhdysvallat, 17/08/14. <https://doi.org/10.1115/DETC201435353>



Coatanéa, E, Nonsiri, S, Christophe, F & Mokammel, F 2014, Graph based representation and analyses for conceptual stages. julkaisussa *34th Computers and Information in Engineering Conference*. Vuosikerta. 1A, The American Society of Mechanical Engineers ASME, Buffalo, Yhdysvallat, 17/08/14. <https://doi.org/10.1115/DETC201435652>

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

Rodrigues, PC & de Carvalho, M 2013, 'Spectral modeling of time series with missing data', *Applied Mathematical Modelling*, Vuosikerta. 37, Nro 7, Sivut 4676-4684. <https://doi.org/10.1016/j.apm.2012.09.040>

Taylor, J, Biddulph, P, Davies, M, Ridley, I, Mavrogianni, A, Oikonomou, E & Lai, KM 2013, 'Using building simulation to model the drying of flooded building archetypes', *JOURNAL OF BUILDING PERFORMANCE SIMULATION*, Vuosikerta. 6, Nro 2, Sivut 119-140. <https://doi.org/10.1080/19401493.2012.703243>

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

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

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

Desnos, K, Pelcat, M, Nezan, JF, Bhattacharyya, SS & Aridhi, S 2013, PiMM: Parameterized and interfaced dataflow meta-model for MPSoCs runtime reconfiguration. julkaisussa *Proceedings - 2013 International Conference on Embedded Computer Systems: Architectures, Modeling and Simulation, IC-SAMOS 2013.*, 6621104, IEEE COMPUTER SOCIETY PRESS, Sivut 41-48, Samos, Kreikka, 15/07/13. <https://doi.org/10.1109/SAMOS.2013.6621104>

Ogeya, MC, Coatanéa, E & Medyna, G 2013, Theory driven design and real proto typing of biomass pyrolytic stove. julkaisussa *Proceedings of the International Conference on Engineering Design, ICED*. Vuosikerta. 9 DS75-09, Sivut 69-78, International Conference on Engineering Design, 1/01/00.

Mokammel, F, Coatanéa, E, Christophe, F, Ba Khouya, M & Medyna, G 2013, Towards an approach for evaluating the quality of requirements. julkaisussa *33rd Computers and Information in Engineering Conference*. Vuosikerta. 2 B, V02BT02A024, American Society of Mechanical Engineers, Portland, OR, Yhdysvallat, 4/08/13. <https://doi.org/10.1115/DETC2013-13708>

Emmert-Streib, F, Tripathi, S & Matos Simoes, RD 2012, 'Harnessing the complexity of gene expression data from cancer: From single gene to structural pathway methods', *Biology Direct*, Vuosikerta. 7, 44. <https://doi.org/10.1186/1745-6150-7-44>

Kouhia, R, Tūma, M, Mäkinen, J, Fedoroff, A & Marjamäki, H 2012, 'Implementation of a direct procedure for critical point computations using preconditioned iterative solvers', *Computers & Structures*, Vuosikerta. 108-109, Sivut 110-117. <https://doi.org/10.1016/j.compstruc.2012.02.009>

Kalimeri, M, Constantoudis, V, Papadimitriou, C, Karamanos, K, Diakonos, FK & Papageorgiou, H 2012, 'Entropy analysis of word-length series of natural language texts: Effects of text language and genre', *INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS*, Vuosikerta. 22, Nro 9, 1250223. <https://doi.org/10.1142/S0218127412502239>

de Matos Simoes, R, Tripathi, S & Emmert-Streib, F 2012, 'Organizational structure and the periphery of the gene regulatory network in B-cell lymphoma.', *BMC Systems Biology*, Vuosikerta. 6, 38. <https://doi.org/10.1186/1752-0509-6-38>

Pereira, DG, Rodrigues, PC, Mejza, S & Mexia, JT 2012, 'A comparison between joint regression analysis and the AMMI model: A case study with barley', *JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION*, Vuosikerta. 82, Nro 2, Sivut 193-207. <https://doi.org/10.1080/00949655.2011.615839>

Min, J, Xiang, Z, Zhiming, Z & Tentzeris, MM 2012, 'A hybrid optimization grey model based on segmented gra and multi-strategy contest for short-term power load forecasting', *JOURNAL OF GREY SYSTEM*, Vuosikerta. 24, Nro 1, Sivut 15-28.

Lu, W, Zhang, Z & Nummenmaa, J 2012, Characterizing trustworthy digital rights exporting. julkaisussa *Perspectives in Business Informatics Research - 11th International Conference, BIR 2012, Proceedings*. Vuosikerta. 128 LNBIP, Lecture Notes in Business Information Processing, Vuosikerta. 128 LNBIP, Springer Verlag, Sivut 85-95, Nizhny Novgorod, Venäjä, 24/09/12. [https://doi.org/10.1007/978-3-642-33281-4\\_7](https://doi.org/10.1007/978-3-642-33281-4_7)

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

Bakhouya, M, Chariete, A, Gaber, J, Wack, M, Niar, S & Coatanea, E 2012, Performance evaluation of a flow control algorithm for network-on-chip. julkaisussa *Proceedings of the 2012 International Conference on High Performance Computing and Simulation, HPCS 2012.*, 6266925, Sivut 281-287, INTERNATIONAL CONFERENCE ON HIGH PERFORMANCE COMPUTING AND SIMULATION, 1/01/00. <https://doi.org/10.1109/HPCSim.2012.6266925>

Nylanden, T, Boutellier, J, Nikunen, K, Hannuksela, J & Silven, O 2012, Reconfigurable miniature sensor nodes for condition monitoring. julkaisussa *Proceedings - 2012 International Conference on Embedded Computer Systems: Architectures, Modeling and Simulation, IC-SAMOS 2012.*, 6404164, Sivut 113-119, Samos, Kreikka, 16/07/12. <https://doi.org/10.1109/SAMOS.2012.6404164>

Hyrnsalmi, S, Suominen, A, Mäkilä, T, Järvi, A & Knuutila, T 2012, Revenue models of application developers in android market ecosystem. julkaisussa *Software Business - Third International Conference, ICSOB 2012, Proceedings*. Lecture Notes in Business Information Processing, Vuosikerta. 114, Springer Verlag, Sivut 209-222, Cambridge, MA, Yhdysvallat, 18/06/12. [https://doi.org/10.1007/978-3-642-30746-1\\_17](https://doi.org/10.1007/978-3-642-30746-1_17)

Tauriainen, M, Mero, AK, Lemström, A, Puttonen, J & Saari, A 2012, The development of constructability using BIM as an intensifying technology. julkaisussa *eWork and eBusiness in Architecture, Engineering and Construction - Proceedings of the European Conference on Product and Process Modelling 2012, ECPPM 2012*. Sivut 713-716, Reykjavik, Islanti, 25/07/12.

Niinimäki, M, Niemi, T, Martin, S, Nummenmaa, J & Thanisch, P 2012, Timely report production from WWW data sources . julkaisussa *Workshops on Business Informatics Research, BIR 2011 International Workshops and Doctoral Consortium, Revised Selected Papers*. Vuosikerta. 106 LNBIP, Lecture Notes in Business Information Processing, Vuosikerta. 106 LNBIP, Springer Verlag, Sivut 184-195, Riga, Latvia, 6/10/11. <https://doi.org/10.1007/978-3-642-29231-6-15>

Halonen, A, Hyrnsalmi, S, Kimppa, KK, Knuutila, T, Smed, J & Hakonen, H 2012, Towards usability heuristics for games utilizing speech recognition. julkaisussa *4th Asian Conference on Intelligent Games and Simulation, GAME-ON ASIA 2012 - 4th Asian Simulation Technology Conference, ASTEC 2012*. EUROSIS, Sivut 51-55, Kyoto, Japani, 24/02/12.

Altay, G & Emmert-Streib, F 2011, 'Structural influence of gene networks on their inference: Analysis of C3NET', *Biology Direct*, Vuosikerta. 6, 31. <https://doi.org/10.1186/1745-6150-6-31>

Emmert-Streib, F & Dehmer, M 2011, 'Networks for systems biology: Conceptual connection of data and function', *IET Systems Biology*, Vuosikerta. 5, Nro 3, Sivut 185-207. <https://doi.org/10.1049/iet-syb.2010.0025>

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

Emmert-Streib, F & Glazko, GV 2011, 'Pathway analysis of expression data: Deciphering functional building blocks of complex diseases', *PLoS Computational Biology*, Vuosikerta. 7, Nro 5, e1002053. <https://doi.org/10.1371/journal.pcbi.1002053>

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

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

Lavazza, L, Morasca, S, Taibi, D & Tosi, D 2011, OP2A: How to improve the quality of the web portal of open source software products. julkaisussa *Web Information Systems and Technologies - 7th International Conference, WEBIST 2011, Revised Selected Papers*. Lecture Notes in Business Information Processing, Vuosikerta. 101 LNBIP, Springer Verlag, Sivut 149-162, Noordwijkerhout, Alankomaat, 6/05/11. <https://doi.org/10.1007/978-3-642-28082-5-11>

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

Thanisch, P, Niemi, T, Niinimäki, M & Nummenmaa, J 2011, Using the entity-attribute-value model for olap cube construction. julkaisussa *Perspectives in Business Informatics Research - 10th International Conference, BIR 2011, Proceedings*. Vuosikerta. 90 LNBIP, Lecture Notes in Business Information Processing, Vuosikerta. 90 LNBIP, Springer Verlag, Sivut 59-72, Riga, Latvia, 6/10/11. [https://doi.org/10.1007/978-3-642-24511-4\\_5](https://doi.org/10.1007/978-3-642-24511-4_5)

Altay, G & Emmert-Streib, F 2010, 'Inferring the conservative causal core of gene regulatory networks', *BMC Systems Biology*, Vuosikerta. 4, 132. <https://doi.org/10.1186/1752-0509-4-132>

Emmert-Streib, F & Altay, G 2010, 'Local network-based measures to assess the inferability of different regulatory networks', *IET Systems Biology*, Vuosikerta. 4, Nro 4, ISBEAT000004000004000277000001, Sivut 277-288. <https://doi.org/10.1049/iet-syb.2010.0028>

Coatanéa, E, Ritola, T, Tumer, IY & Jensen, D 2010, A framework for building behavioral models for design-stage failure identification using dimensional analysis. julkaisussa *Proceedings of the ASME Design Engineering Technical Conference*. Vuosikerta. 5, AMER SOC MECHANICAL ENGINEERS, Sivut 591-601, Kanada, 15/08/10. <https://doi.org/10.1115/DETC2010-28864>

Lavazza, L, Morasca, S, Taibi, D & Tosi, D 2010, Applying SCRUM in an OSS development process: An empirical evaluation. julkaisussa *Agile Processes in Software Engineering and Extreme Programming - 11th International Conference, XP 2010, Proceedings*. Vuosikerta. 48 LNBIP, Lecture Notes in Business Information Processing, Vuosikerta. 48 LNBIP, Springer Verlag, Sivut 147-159, Trondheim, Norja, 1/06/10. [https://doi.org/10.1007/978-3-642-13054-0\\_11](https://doi.org/10.1007/978-3-642-13054-0_11)

Emmert-Streib, F & Dehmer, M 2009, 'Hierarchical coordination of periodic genes in the cell cycle of *Saccharomyces cerevisiae*', *BMC Systems Biology*, Vuosikerta. 3, 76. <https://doi.org/10.1186/1752-0509-3-76>

Acimovic, J 2009, 'Neural networks, cell cultures and some older work on data analysis.' Artikkelin esitetty, Japani, 15/06/09 - 2/07/09, .

Emmert-Streib, F & Dehmer, M 2009, 'Information processing in the transcriptional regulatory network of yeast: Functional robustness', *BMC Systems Biology*, Vuosikerta. 3, 35. <https://doi.org/10.1186/1752-0509-3-35>

Coatanéa, E, Yannou, B, Honkala, S, Lajunen, A, Saarelainen, T & Makkonen, P 2008, Measurement theory and dimensional analysis: Methodological impact on the comparison and evaluation process. julkaisussa *19th International Conference on Design Theory and Methodology and 1st International Conference on Micro and Nano Systems, presented*

at - 2007 ASME International Design Engineering Technical Conferences and Computers and Information in Engineering Conference, IDETC/CIE2007. AMER SOC MECHANICAL ENGINEERS, Sivut 173-182, Suomi, 4/09/07. <https://doi.org/10.1115/DETC2007-34364>

Emmert-Streib, F 2006, 'Algorithmic computation of knot polynomials of secondary structure elements of proteins', *Journal of Computational Biology*, Vuosikerta. 13, Nro 8, Sivut 1503-1512. <https://doi.org/10.1089/cmb.2006.13.1503>

Mäki-Jaskari, MA & Rantala, TT 2004, 'Possible structures of nonstoichiometric tin oxide: The composition Sn<sub>2</sub>O<sub>3</sub>', *Modelling and Simulation in Materials Science and Engineering*, Vuosikerta. 12, Nro 1, Sivut 33-41. <https://doi.org/10.1088/0965-0393/12/1/004>

Korhonen, HME, Heikkilä, J & Törnwall, JM 2001, 'A simulation case study of production planning and control in printed wiring board manufacturing', *Winter Simulation Conference Proceedings*, Vuosikerta. 2, Sivut 844-847.

Grigore, V, Hatonen, J, Kyyra, J & Suntio, T 1998, Dynamics of a buck converter with a constant power load. julkaisussa *PESC 1998 - 29th Annual IEEE Power Electronics Specialists Conference.*, 701881, PESC Record - IEEE Annual Power Electronics Specialists Conference, Vuosikerta. 1, Institute of Electrical and Electronics Engineers Inc., Sivut 72-78, Fukuoka, Japani, 22/05/98. <https://doi.org/10.1109/PESC.1998.701881>