

Nanni, L, Maguolo, G & Paci, M 2020, 'Data augmentation approaches for improving animal audio classification', *Ecological Informatics*, vol. 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 . in G Pernigotto, F Patuzzi, A Prada, V Corrado & A Gasparella (eds), *Building Simulation Applications, BSA 2019 - 4th IBPSA-Italy Conference*. Building Simulation Applications, vol. 2020-June, Free University of Bozen Bolzano, pp. 123-130, IBPSA-Italy conference on Building Simulation Applications, Bozen-Bolzano, Italy, 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*, vol. 12, no. 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*, vol. 113, pp. 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*, vol. 15, no. 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. in *2018 IEEE Global Communications Conference.*, 8647778, IEEE, IEEE Global Communications Conference, Abu Dhabi, United Arab Emirates, 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. in *2018 IEEE Global Communications Conference, GLOBECOM 2018*. IEEE, IEEE Global Communications Conference, Abu Dhabi, United Arab Emirates, 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. in P Doucek, J Basl, A Pavlicek, AM Tjoa, K Detter & M Raffai (eds), *Research and Practical Issues of Enterprise Information Systems - 13th IFIP WG 8.9 International Conference, CONFENIS 2019, Proceedings*. Lecture Notes in Business Information Processing, vol. 375, Springer, pp. 55-64, IFIP WG 8.9 Working Conference on Research and Practical Issues of Enterprise Information Systems, Prague, Czech Republic, 16/12/19. 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*, vol. 91, no. 1, pp. 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. in CL Flores Martinez, GY Georgiev, JM Smart & ME Price (eds), *Evolution, Development and Complexity - Multiscale Evolutionary Models of Complex Adaptive Systems*. Springer Proceedings in Complexity, Springer, pp. 229-244, Conference on Complex Systems, Cancun, Mexico, 17/09/17. 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. in MJ Escalona, F Domínguez Mayo, TA Majchrzak & V Monfort (eds), *Web Information Systems and Technologies - 14th International Conference, WEBIST 2018, Revised Selected Papers*. Lecture Notes in Business Information Processing, vol. 372, Springer, pp. 1-24, International Conference on Web Information Systems and Technologies, Seville, Spain, 18/09/18. 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. in *2019 IEEE Symposium Series on Computational Intelligence, SSCI 2019.*, 9002684, IEEE, pp. 1085-1090, IEEE Symposium Series on Computational Intelligence, 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*, vol. 23, no. 3, pp. 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*, vol. 1, no. 1, pp. 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. in *2019 IEEE Symposium Series on Computational Intelligence, SSCI 2019.*, 9002975, IEEE, pp. 1338-1343, IEEE Symposium Series on Computational Intelligence, 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*, vol. 72, pp. 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*, vol. 116, pp. 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*, vol. 90, no. 11, pp. 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*, vol. 14, no. 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. in *2018 IEEE 19th Workshop on Control and Modeling for Power Electronics, COMPEL 2018.*, 8460173, IEEE, IEEE Workshop on Control and Modeling for Power Electronics, Padova, Italy, 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. in *2018 IEEE 17th International Conference on Mathematical Methods in Electromagnetic Theory, MMET 2018 - Proceedings*. vol. 2018-July, 8460285, IEEE COMPUTER SOCIETY PRESS, pp. 115-118, IEEE International Conference on Mathematical Methods in Electromagnetic Theory, Kyiv, Ukraine, 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*, vol. 59, pp. 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*, vol. 59, pp. 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*, vol. 216, pp. 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. in *Software Quality: Methods and Tools for Better Software and Systems - 10th International Conference, SWQD 2018, Proceedings*. Lecture Notes in Business Information Processing, vol. 302, Springer-Verlag Berlin Heidelberg, pp. 133-143, INTERNATIONAL CONFERENCE ON SOFTWARE QUALITY, 1/01/00. 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. in E Dekoninck, A Wodehouse, C Snider, G Georgiev & G Cascini (eds), *ICDC 2018 - 5th International Conference on Design Creativity, Conference Proceedings*. Proceedings of the International Conference on Engineering Design, ICED, DESIGN SOCIETY, International Conference on Design Creativity, Bath, United Kingdom, 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*, vol. 252, pp. 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. in *38th Computers and Information in Engineering Conference*. vol. 1B-2018, The American Society of Mechanical Engineers ASME, International Design Engineering Technical Conferences and Computers and Information in Engineering Conference, Quebec City, Canada, 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*, pp. 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(monoacylglycerol)phosphate and sphingomyelin', *PLoS Computational Biology*, vol. 13, no. 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. in *Proceedings - 2017 IEEE 19th Conference on Business Informatics, CBI 2017*. IEEE, pp. 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*, vol. 13, no. 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*, vol. 21, no. 7, pp. 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*, vol. 87, no. 3, pp. 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*, vol. 87, no. 3, pp. 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*, vol. 89, no. 3, pp. 457-467. <https://doi.org/10.1007/s11265-017-1262-6>
- Taibi, D, Lenarduzzi, V, Janes, A, Liukkunen, K & Ahmad, MO 2017, Comparing requirements decomposition within the Scrum, Scrum with Kanban, XP, and Banana development processes. in *Agile Processes in Software Engineering and Extreme Programming - 18th International Conference, XP 2017, Proceedings*. Lecture Notes in Business Information Processing, vol. 283, Springer Verlag, pp. 68-83, 18th International Conference on Agile Software Development, XP 2017, Cologne, Germany, 22/05/17. 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*, vol. 87, no. 1, pp. 21-31. <https://doi.org/10.1007/s11265-015-1045-x>
- Boutellier, J & Nylander, T 2017, 'Design Flow for GPU and Multicore Execution of Dynamic Dataflow Programs', *Journal of Signal Processing Systems*, vol. 89, no. 3, pp. 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. in *43rd Design Automation Conference*. The American Society of Mechanical Engineers ASME, International Design Engineering Technical Conferences and Computers and Information in Engineering Conference, 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. in *Agile Processes in Software Engineering and Extreme Programming - 18th International Conference, XP 2017, Proceedings*. Lecture Notes in Business Information Processing, vol. 283, Springer Verlag, pp. 52-67, International Conference on Agile Software Development, 1/01/00. 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*, vol. 89, no. 3, pp. 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. in P Quintela, P Barral, D Gómez, FJ Pena, J Rodríguez, P Salgado & ME Vázquez-Mendéz (eds), *Progress in Industrial Mathematics at ECMI 2016*. Mathematics in industry, vol. 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*, vol. 125, pp. 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*, vol. 89, no. 3, pp. 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. in *Proceedings - 31st European Conference on Modelling and Simulation, ECMS 2017*. EUROPEAN COUNCIL FOR MODELLING AND SIMULATION, pp. 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. in *Nordic Contributions in IS Research - 8th Scandinavian Conference on Information Systems, SCIS 2017, Proceedings*. Lecture Notes in Business Information Processing, vol. 294, Springer Verlag, pp. 41-53, SCANDINAVIAN CONFERENCE ON INFORMATION SYSTEMS, 1/01/00. 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. in *Proceedings - 31st European Conference on Modelling and Simulation, ECMS 2017*. EUROPEAN COUNCIL FOR MODELLING AND SIMULATION, pp. 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*, vol. 9, no. 6, pp. 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*, vol. 49, no. 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. in *16th International Conference on Numerical Simulation of Optoelectronic Devices, NUSOD 2016*. IEEE, pp. 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. in *16th International Conference on Numerical Simulation of Optoelectronic Devices, NUSOD 2016*. IEEE, pp. 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. in *16th International Conference on Numerical Simulation of Optoelectronic Devices, NUSOD 2016*., 7547038, IEEE, pp. 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*, vol. 85, no. 1, pp. 101-111. <https://doi.org/10.1007/s11265-015-1004-6>
- Pohjolainen, S & Suutala, A 2016, Acoustic Modelling. in S Pohjolainen (ed.), *Mathematical Modelling*. Springer, Switzerland, pp. 185-205. https://doi.org/10.1007/978-3-319-27836-0_11
- Rubel, O, Lukin, V & Egiuzarian, K 2016, On prediction of DCT-based denoising efficiency under spatially correlated noise conditions. in *2016 13th International Conference on Modern Problems of Radio Engineering, Telecommunications and Computer Science (TCSET)*. IEEE, pp. 750-754, International Conference on Modern Problems of Radio Engineering, Telecommunications and Computer Science, 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*, vol. 85, pp. 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. in *2015 Winter Simulation Conference (WSC)*. pp. 2239-2248, WINTER SIMULATION CONFERENCE, 1/01/00. <https://doi.org/10.1109/WSC.2015.7408336>

Mattila, K, Puurtinen, T, Hyväluoma, J, Surmas, R, Mylly, 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*, vol. 12, pp. 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. in *SIMULTECH 2016 - Proceedings of the 6th International Conference on Simulation and Modeling Methodologies, Technologies and Applications*. SCITEPRESS, pp. 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*, vol. 11, no. 3, pp. 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'. in *Software Business: 7th International Conference, ICSOB 2016, Ljubljana, Slovenia, June 13-14, 2016, Proceedings*. Lecture Notes in Business Information Processing, vol. 240, Springer Verlag, pp. 32-46, International Conference on Software Business, 1/01/00. 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*, vol. 84, no. 3, pp. 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. in *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, vol. 251, Springer Verlag, pp. 66-78, International Conference on Agile Software Development, 1/01/00. 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. in *Proceedings - 30th European Conference on Modelling and Simulation, ECMS 2016*. EUROPEAN COUNCIL FOR MODELLING AND SIMULATION, pp. 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. in *Advanced Information Systems Engineering Workshops - CAiSE 2016 International Workshops, Proceedings*. Lecture Notes in Business Information Processing, vol. 249, Springer Verlag, pp. 207-218, 28th Conference on Advanced Information Systems Engineering, CAiSE 2016 held in conjunction with ASDENCA, BumDISE, COGNISE, EnBIS, EM, WISSE 2016, 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*, vol. 7, no. 2, pp. 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. in *Software Business: 7th International Conference, ICSOB 2016, Ljubljana, Slovenia, June 13-14, 2016, Proceedings*. Lecture Notes in Business Information Processing, vol. 240, Springer Verlag, pp. 124-134, International Conference on Software Business, 1/01/00. 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. in *Agile Processes in Software Engineering and Extreme Programming - 17th International Conference, XP 2016, Proceedings*. Lecture Notes in Business Information Processing, vol. 251, Springer Verlag, 17th International Conference on Agile Processes in Software Engineering and Extreme Programming, XP 2016, Edinburgh, United Kingdom, 24/05/16. 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. in *Computational Methods for Solids and Fluids: Multiscale Analysis, Probability Aspects and Model Reduction*. Computational Methods in Applied Sciences, vol. 41, Springer, pp. 463-493. https://doi.org/10.1007/978-3-319-27996-1_17

López, MB, Nieto, A, Silvén, O, Bôtellier, J & Vilariño, DL 2015, Reconfigurable computing for future vision-capable devices. in *Proceedings - 2015 International Conference on Embedded Computer Systems: Architectures, Modeling and Simulation, SAMOS 2015.*, 7363657, Institute of Electrical and Electronics Engineers Inc., pp. 34-41, 15th International Conference on Embedded Computer Systems: Architectures, Modeling and Simulation, SAMOS 2015, Samos, Greece, 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. in *2015 54th IEEE Conference on Decision and Control, CDC 2015*. pp. 3663-3668, 54th IEEE Conference on Decision and Control, CDC 2015, Osaka, Japan, 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*, vol. 49, no. 1, 015205. <https://doi.org/10.1088/1751-8113/49/1/015205>

Safdari, H, Cherstvy, AG, Checkin, AV, Thiel, F, Sokolov, IM & Metzler, R 2015, 'Quantifying the non-ergodicity of scaled Brownian motion', *Journal of Physics A: Mathematical and Theoretical*, vol. 48, no. 37, 375002. <https://doi.org/10.1088/1751-8113/48/37/375002>

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

Levin, M, Rojas, E, Vanhala, E, Vippola, M, Liguori, B, Kling, KI, Koponen, IK, Møllhave, 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*, vol. 17, no. 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*, vol. 48, no. 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*, vol. 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*, vol. 17, no. 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*, vol. 48, no. 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*, vol. 9, no. 4, pp. 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. in *Proceedings of the 2014 Building Simulation and Optimization Conference*. pp. 2093-2100, 14th Conference of International Building Performance Simulation Association, BS 2015, Hyderabad, India, 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*, vol. 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*, vol. 68, pp. 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. in *Agile Processes, in Software Engineering, and Extreme Programming - 16th International Conference, XP 2015, Proceedings*. vol. 212, Lecture Notes in Business Information Processing, vol. 212, Springer-Verlag Berlin Heidelberg, pp. 105-116, 16th International Conference on Agile Software Development, XP 2015, Helsinki, Finland, 25/05/15. 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. in *Software Business - 6th International Conference, ICSOB 2015, Proceedings*. vol. 210, Lecture Notes in Business Information Processing, vol. 210, Springer Verlag, pp. 230-244, 6th International Conference on Software Business, ICSOB 2015, Braga, Portugal, 10/06/15. 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. in *Perspectives in Business Informatics Research - 14th International Conference, BIR 2015, Proceedings*. vol. 229, Lecture Notes in Business Information Processing, vol. 229, Springer Verlag, pp. 241-254, 14th International Conference on Perspectives in Business Informatics Research, BIR 2015, Tartu, Estonia, 26/08/15. 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. in *eWork and eBusiness in Architecture, Engineering and Construction - Proceedings of the 10th European Conference on Product and Process Modelling, ECPPM 2014*. CRC Press/Balkema, pp. 55-61, 10th European Conference on Product and Process Modelling, ECPPM 2014, Vienna, Austria, 17/09/14.

Hokkanen, L & Väänänen-Vainio-Mattila, K 2015, UX work in startups: Current practices and future needs. in *Agile Processes in Software Engineering and Extreme Programming: 16th International Conference, XP 2015, Helsinki, Finland, May 25-29, 2015, Proceedings*. vol. 212, Lecture Notes in Business Information Processing, vol. 212, Springer Verlag, pp. 81-92, International Conference on Agile Software Development, 1/01/00. 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? in *6th International Conference on Software Business, ICSOB 2015; Braga; Portugal; 10 June 2015 through 12 June 2015*. vol. 210, Lecture Notes in Business Information Processing, vol. 210, Springer Verlag, pp. 272-287, International Conference on Software Business, 1/01/00. 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*, vol. 9, no. 6, pp. 370-376. <https://doi.org/10.1097/SIH.0000000000000056>

Saintsing, CD, Cook, BS & Tentzeris, MM 2014, An origami inspired reconfigurable spiral antenna. in *38th Mechanisms and Robotics Conference*. vol. 5B, The American Society of Mechanical Engineers ASME, ASME 2014 International Design Engineering Technical Conferences and Computers and Information in Engineering Conference, IDETC/CIE 2014, Buffalo, United States, 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. in *34th Computers and Information in Engineering Conference*. vol. 1A, The American Society of Mechanical Engineers ASME, ASME 2014 International Design Engineering Technical Conferences and Computers and Information in Engineering Conference, IDETC/CIE 2014, Buffalo, United States, 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*, vol. 73, no. 2, pp. 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*, vol. 37, no. 7, pp. 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*, vol. 6, no. 2, pp. 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*, vol. 70, no. 2, pp. 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*, vol. 71, no. 1, pp. 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*, vol. 71, no. 3, pp. 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. in *Proceedings - 2013 International Conference on Embedded Computer Systems: Architectures, Modeling and Simulation, IC-SAMOS 2013.*, 6621104, IEEE COMPUTER SOCIETY PRESS, pp. 41-48, 2013 13th International Conference on Embedded Computer Systems: Architectures, Modeling and Simulation, IC-SAMOS 2013, Samos, Greece, 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. in *Proceedings of the International Conference on Engineering Design, ICED*. vol. 9 DS75-09, pp. 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. in *33rd Computers and Information in Engineering Conference*. vol. 2 B, V02BT02A024, American Society of Mechanical Engineers, ASME 2013 International Design Engineering Technical Conferences and Computers and Information in Engineering Conference, IDETC/CIE 2013, Portland, OR, United States, 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*, vol. 7, 44. <https://doi.org/10.1186/1745-6150-7-44>

Kouhia, R, Tüma, M, Mäkinen, J, Fedoroff, A & Marjamäki, H 2012, 'Implementation of a direct procedure for critical point computations using preconditioned iterative solvers', *Computers & Structures*, vol. 108-109, pp. 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*, vol. 22, no. 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*, vol. 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*, vol. 82, no. 2, pp. 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*, vol. 24, no. 1, pp. 15-28.

Lu, W, Zhang, Z & Nummenmaa, J 2012, Characterizing trustworthy digital rights exporting. in *Perspectives in Business Informatics Research - 11th International Conference, BIR 2012, Proceedings*. vol. 128 LNBIP, Lecture Notes in Business Information Processing, vol. 128 LNBIP, Springer Verlag, pp. 85-95, 11th International Conference on Perspectives in Business Informatics Research, BIR 2012, Nizhny Novgorod, Russian Federation, 24/09/12. 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*, vol. 66, no. 3, pp. 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. in *Proceedings of the 2012 International Conference on High Performance Computing and Simulation, HPCS 2012.*, 6266925, pp. 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. in *Proceedings - 2012 International Conference on Embedded Computer Systems: Architectures, Modeling and Simulation, IC-SAMOS 2012.*, 6404164, pp. 113-119, 2012 International Conference on Embedded Computer Systems: Architectures, Modeling and Simulation, IC-SAMOS 2012, Samos, Greece, 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. in *Software Business - Third International Conference, ICSOB 2012, Proceedings*. Lecture Notes in Business Information Processing, vol. 114, Springer Verlag, pp. 209-222, 3rd International Conference on Software Business, ICSOB 2012, Cambridge, MA, United States, 18/06/12. 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. in *eWork and eBusiness in Architecture, Engineering and Construction - Proceedings of the European Conference on Product and Process Modelling 2012, ECPPM 2012*. pp. 713-716, European Conference on Product and Process Modelling, ECPPM 2012, Reykjavik, Iceland, 25/07/12.

Niinimäki, M, Niemi, T, Martin, S, Nummenmaa, J & Thanisch, P 2012, Timely report production from WWW data sources . in *Workshops on Business Informatics Research, BIR 2011 International Workshops and Doctoral Consortium, Revised Selected Papers*. vol. 106 LNBIP, Lecture Notes in Business Information Processing, vol. 106 LNBIP, Springer Verlag, pp. 184-195, 10th International Conference on Perspectives in Business Informatics Research, BIR 2011, 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. in *4th Asian Conference on Intelligent Games and Simulation, GAME-ON ASIA 2012 - 4th Asian Simulation Technology Conference, ASTEC 2012*. EUROSIS, pp. 51-55, 4th Asian Simulation and AI in Games Conference, GAME-ON ASIA 2012 and the 4th Asian Simulation Technology Conference, ASTEC 2012, Kyoto, Japan, 24/02/12.

Altay, G & Emmert-Streib, F 2011, 'Structural influence of gene networks on their inference: Analysis of C3NET', *Biology Direct*, vol. 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*, vol. 5, no. 3, pp. 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*, vol. 63, no. 2, pp. 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*, vol. 7, no. 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*, vol. 63, no. 2, pp. 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*, vol. 63, no. 1, pp. 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. in *Web Information Systems and Technologies - 7th International Conference, WEBIST 2011, Revised Selected Papers*. Lecture Notes in Business Information Processing, vol. 101 LNBIP, Springer Verlag, pp. 149-162, 7th International Conference on Web Information Systems and Technologies, WEBIST 2011, Noordwijkerhout, Netherlands, 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*, vol. 65, no. 2, pp. 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. in *Perspectives in Business Informatics Research - 10th International Conference, BIR 2011, Proceedings*. vol. 90 LNBIP, Lecture Notes in Business Information Processing, vol. 90 LNBIP, Springer Verlag, pp. 59-72, 10th International Conference on Perspectives in Business Informatics Research, BIR 2011, Riga, Latvia, 6/10/11. 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*, vol. 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*, vol. 4, no. 4, ISBEAT000004000004000277000001, pp. 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. in *Proceedings of the ASME Design Engineering Technical Conference*. vol. 5, AMER SOC MECHANICAL ENGINEERS, pp. 591-601, ASME International Design Engineering Technical Conferences / Computers and Information in Engineering Conference, Canada, 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. in *Agile Processes in Software Engineering and Extreme Programming - 11th International Conference, XP 2010, Proceedings*. vol. 48 LNBIP, Lecture Notes in Business Information Processing, vol. 48 LNBIP, Springer Verlag, pp. 147-159, 11th International Conference on Agile Processes in Software Engineering and Extreme Programming, XP 2010, Trondheim, Norway, 1/06/10. 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*, vol. 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.' Paper presented at Okinawa Computational Neuroscience Course 2009, Japan, 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*, vol. 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. in *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, pp. 173-182, ASME International Design Engineering Technical Conferences/Computers and Information in Engineering Conference, Finland, 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*, vol. 13, no. 8, pp. 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 Sn₂O₃', *Modelling and Simulation in Materials Science and Engineering*, vol. 12, no. 1, pp. 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*, vol. 2, pp. 844-847.

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