


Sparsø, J 2018, 'Selected papers from the 2nd IEEE Nordic Circuits and Systems Conference (NorCAS), 2016.' Microprocessors and Microsystems. DOI: 10.1016/j.micpro.2018.03.008


Schneider, A, Pop, P & Madsen, J 2017, 'Pin-count reduction for continuous flow microfluidic biochips' Microsystem Technologies, pp. 1-12. DOI: 10.1007/s00542-017-3401-1


Hansen, HE, Maroun, EJ, Kristensen, AT, Schoeberl, M & Marquart, J 2017, A Shared Scratchpad Memory with Synchronization Support. in Proceedings of the IEEE NorCAS 2017. IEEE.


Bardram, JE & Houben, S 2017, 'Collaborative Affordances of Medical Records' Computer Supported Cooperative Work. DOI: 10.1007/s10606-017-9298-5


Conti, M, Dragoni, N & Lesyk, V 2016, 'A Survey of Man in the Middle Attacks' I E E E Communications Surveys and Tutorials, vol 18, no. 3, pp. 2027-2051. DOI: 10.1109/COMST.2016.2548426


Herlev, M & Sparse, J 2016, Clock domain crossing modules for OCP-style read/write interfaces. Technical University of Denmark (DTU), Kgs. Lyngby. DTU Compute-Technical Report-2016, no. 4


Baig, H & Madsen, J 2016, 'D-VASim: An Interactive Virtual Laboratory Environment for the Simulation and Analysis of Genetic Circuits’ Bioinformatics, vol 33, no. 2, pp. 297-299. DOI: 10.1093/bioinformatics/btw592


Wearing, T & Dragoni, N 2016, Security And Privacy Issues in Health Monitoring Systems: eCare@Home Case Study. in Proceedings of the 1st Workshop on Emerging eHealth through Internet of Things (EHIoT 2016).

Patou, F, Dimaki, M, Svendsen, WE, Kjærgaard, C & Madsen, J 2016, Smartphone-based biosensing platform evolution: implementation of electrochemical analysis capabilities. in Proceedings of the 10th International Symposium on Medical Information and Communication Technology (ISMICT). IEEE. DOI: 10.1109/ISMICT.2016.7498881


Wearing, T & Dragoni, N 2016, Security And Privacy Issues in Health Monitoring Systems: eCare@Home Case Study. in Proceedings of the 1st Workshop on Emerging eHealth through Internet of Things (EHIoT 2016).

Patou, F, Dimaki, M, Svendsen, WE, Kjærgaard, C & Madsen, J 2016, Smartphone-based biosensing platform evolution: implementation of electrochemical analysis capabilities. in Proceedings of the 10th International Symposium on Medical Information and Communication Technology (ISMICT). IEEE. DOI: 10.1109/ISMICT.2016.7498881


Baig, H & Madsen, J 2016, 'Timing Analysis of Genetic Logic Circuits using D-VASim’ 19th Conference and Exhibition on Design, Automation and Test in Europe Conference and Exhibition (DATE 2016), Dresden, Germany, 14/03/2016 - 18/03/2016,

Gavrilit, VM & Pop, P 2016, 'Traffic class assignment for mixed-criticality frames in TTEthernet' ACM SIGBED Review, vol 13, no. 4, pp. 31-36. DOI: 10.1145/3015037.3015042


Tamas-Selicean, D, Pop, P & Steiner, W 2015, 'Design optimization of TTEthernet-based distributed real-time systems' Real-Time Systems, vol 51, no. 1, pp. 1-35. DOI: 10.1007/s11241-014-9214-8

Nyborg, M, Probst, CW & Stassen, F 2015, Developing merged CDIO based curricula for diploma (B.Eng.) IT study programs at DTU. in Proceedings of the 11th International CDIO Conference. CDIO.


Sørensen, RB, Puffitsch, W, Schoeberl, M & Sparsø, J 2015, Interfacing Hardware Accelerators to a Time-Division Multiplexing Network-on-Chip. in *Proceedings of the 1st Nordic Circuits and Systems Conference (NORCAS 2015)*. IEEE. DOI: 10.1109/NORCHIP.2015.7364392


Lander Raagaard, M & Pop, P 2015, Pin count-aware biochemical application compilation for mVLSI biochips. in Design, Test, Integration and Packaging of MEMS/MOEMS (DTIP), 2015 Symposium on. IEEE, pp. 1-6. DOI: 10.1109/DTIP.2015.7161026


Nielsen, C & Schoeberl, M 2015, Stack Caching Using Split Data Caches. in Proceedings of the 18th International Symposium on Real-Time Distributed Computing Workshops (ISORCW 2015). IEEE, pp. 66-73. DOI: 10.1109/ISORCW.2015.59


Jensen, NB, Probst, CW & Karlsson, S 2014, ‘Collaborative Compiler Vectorization’ 9th International Conference on High-Performance and Embedded Architectures and Compilers , Vienna, Austria, 20/01/2014 - 22/01/2014,


Alistar, M 2014, ‘Compilation and Synthesis for Fault-Tolerant Digital Microfluidic Biochips (DMBs)’ 2014 Design, Automation & Test in Europe Conference & Exhibition (DATE), Dresden, Germany, 24/03/2014 - 28/03/2014,


Nannarelli, A 2014, Decimal Engine for Energy-Efficient Multicore Processors. in Proceedings of the 22nd IFIP/IEEE International Conference on Very Large Scale Integration (VLSI-SoC). IEEE. DOI: 10.1109/VLSI-SoC.2014.7004176


Bonnichsen, LF, Karlsson, S & Probst, CW 2014, 'ELB-trees - Efficient Lock-free B+trees' 9th International Conference on High-Performance and Embedded Architectures and Compilers, Vienna, Austria, 20/01/2014 - 22/01/2014,


Herbert, LT, Hansen, ZNL, Jacobsen, P & Cunha, P 2014, Evolutionary optimisation of production materials workflow processes. in *Disruptive Innovation in Manufacturing Engineering towards the 4th Industrial Revolution. 8th International Conference on Digital Enterprise Technology - DET 2014*.

Herbert, LT, Hansen, ZNL, Jacobsen, P & Cunha, P 2014, 'Evolutionary optimization of production materials workflow processes' *Procedia C I R P*, vol 25, pp. 53–60. DOI: 10.1016/j.procir.2014.10.010


Brock-Nannestad, L, DelSignore, J, SQuyres, JM, Karlsson, S & Mohror, K 2014, 'MPI Debugging with Handle Introspection' Paper presented at Workshop on Exascale MPI (ExaMPI 2014), New Orleans, United States, 17/11/2014,


Jensen, CD 2014, The importance of trust in computer security. in J Zhou, N Gal-Oz, J Zhang & E Gudes (eds), *Proceedings of the 8th IFIP WG 11.11 International Conference on Trust Management (IFIPTM 2014)*. Springer, pp. 1-12. DOI: 10.1007/978-3-662-43813-8_1


Walter, M & Karlsson, S 2014, 'Unit Testing Framework for Operating System Kernels' 11th USENIX Symposium on Operating Systems Design and Implementation (OSDI '14), Broomfield, United States, 06/10/2014 - 08/10/2014,

Walter, M & Karlsson, S 2014, 'Unit Testing Framework for Operating System Kernels' 11th USENIX Symposium on Operating Systems Design and Implementation (OSDI '14), Broomfield, United States, 06/10/2014 - 08/10/2014,


Lakis, E & Schoeberl, M 2013, An SDRAM controller for real-time systems. in *2013 IEEE 16th International Symposium on Object/Component/Service-Oriented Real-Time Distributed Computing (ISORC)*. IEEE. DOI: 10.1109/ISORC.2013.6913224


Minhass, WH, Pop, P, Madsen, J & Ho, T-Y 2013, Control Synthesis for the Flow-Based Microfluidic Large-Scale Integration Biochips. in 2013 18th Asia and South Pacific Design Automation Conference (ASP-DAC). IEEE, pp. 205-212. DOI: 10.1109/ASPDAC.2013.6509597


Gruian, F & Schoeberl, M 2013, 'Hardware support for CSP on a Java chip multiprocessor' *Microprocessors and Microsystems*, vol 37, no. 4-5, pp. 472-481. DOI: 10.1016/j.micpro.2012.08.004


Jozwiak, L & Madsen, J 2013, Quality-Driven Model-Based Design of MultiProcessor Embedded Systems for Highlydemanding Applications. in 2013 2nd Mediterranean Conference on Embedded Computing (MECO). IEEE. DOI: 10.1109/MECO.2013.6601388

Kasapaki, E, Sparsø, J, Sørensen, RB & Goossens, K 2013, Router Designs for an Asynchronous Time-Division-Multiplexed Network-on-Chip. in 2013 Euromicro Conference on Digital System Design (DSD). IEEE, pp. 319-326. DOI: 10.1109/DSD.2013.40

Mazzara, M, Biselli, L, Greco, PP, Dragoni, N, Marraffa, A, Qamar, N & de Nicola, S 2013, Social Networks and Collective Intelligence: A Return to the Agora. in Social Network Engineering for Secure Web Data and Services. IGI global, pp. 88-113. DOI: 10.4018/978-1-4666-3926-3.ch005


Schleuniger, P & Karlsson, S 2013, 'Task Based Programming on Embedded Multicores' 8th International Conference on High-Performance and Embedded Architectures and Compilers, Berlin, Germany, 21/01/2013 - 23/01/2013,


Schleuniger, P & Karlsson, S 2012, 'Software Managed Cache for Parallel Systems' 7th International Conference on High-Performance and Embedded Architectures and Compilers, Paris, France, 23/01/2012 - 25/01/2012,
