

Collective acoustic localization in a network of dual channel low power devices

Astapov, Sergei; Ehala, Johannes; Preden, Jürjo-Sören Proceedings of the 21st International Conference Mixed Design of Integrated Circuits and Systems : MIXDES 2014 : Lublin, Poland, June 19-21, 2014 2014 / p. 430-435 : ill

DatApollo : Orchestration of serverless functions for scalable data mining

Shahin, Mahtab; Bertl, Markus; Janatian, Nasim; Aznar-Poveda, Juan; Shah, Syed Attique; Fahringer, Thomas; Arakkal Peious, Sijo; Draheim, Dirk IEEE Access 2025 / p. 142813-142828 <https://doi.org/10.1109/ACCESS.2025.3591712>

Distributed approach for parallel exact critical path tracing fault simulation

Ivask, Eero; Devadze, Sergei; Ubar, Raimund-Johannes International journal of microelectronics and computer science 2010 / p. 165-174 : ill

Distributed fault simulation with collaborative load balancing for VLSI circuits

Ivask, Eero; Devadze, Sergei; Ubar, Raimund-Johannes Scalable computing : practice and experience 2011 / p. 153-163 : ill

Foundational MDA patterns for service-oriented computing

Atkinson, Colin; Bostan, Philipp; Draheim, Dirk Journal of object technology 2015 / p. 1-30 : ill <http://dx.doi.org/10.5381/jot.2015.14.1.a1>

Object detection for military surveillance using distributed multimodal smart sensors

Astapov, Sergei; Preden, Jürjo-Sören; Ehala, Johannes; Riid, Andri 2014 19th International Conference on Digital Signal Processing 2014 / p. 366-371 : ill

Orchestration of serverless functions for scalable association rule mining with Apollo

Shahin, Mahtab; Janatian, Nasim; Poveda, Juan Aznar; Fahringer, Thomas; Ghasempouri, Tara; Shah, Syed Attique; Draheim, Dirk techrxiv.org 2024 / 20 p <https://doi.org/10.36227/techrxiv.172101151.16682756/v1>

Performing acoustic localization in a network of embedded smart sensors

Astapov, Sergei; Ehala, Johannes; Preden, Jürjo-Sören International journal of microelectronics and computer science 2015 / p. 86-95 : ill

Predictive acoustic localization and speaker tracking for distributed sensor networks

Astapov, Sergei; Berdnikova, Julia; Preden, Jürjo-Sören 2014 13th International Conference on Control, Automation, Robotics & Vision (ICARCV 2014) : Marina Bay Sands, Singapore, 10-12th December 2014 2014 / p. 833-838 : ill

Pregnancy associated breast cancer gene expressions : new insights on their regulation based on rare correlated patterns

Bouasker, Souad; Inoubli, Wissem; Ben Yahia, Sadok; Diallo, Gayo IEEE/ACM transactions on computational biology and bioinformatics 2021 / p. 1035-1048 <https://doi.org/10.1109/TCBB.2020.3015236> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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Daukaev, Kamil; Rassõlkin, Anton; Kallaste, Ants; Vaimann, Toomas; Belahcen, Anouar 2017 IEEE 58th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) : proceedings : Latvia, Riga, 12-13 October, 2017 2017 / [6] p. : ill <https://doi.org/10.1109/RTUCON.2017.8124818>

A secure data infrastructure for personal manufacturing based on a novel key-less, byte-less encryption method

Vedešin, Anton; Dogru, John Mehmet Ulgar; Liiv, Innar; Ben Yahia, Sadok; Draheim, Dirk IEEE Access 2020 / p. 40039-40056 : ill <https://doi.org/10.1109/ACCESS.2019.2946730> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Smart cyber-physical system for pattern recognition of illegal 3D designs in 3D printing

Vedešin, Anton; Dogru, John Mehmet Ulgar; Liiv, Innar; Ben Yahia, Sadok; Draheim, Dirk Smart Applications and Data Analysis : Third International Conference, SADASC 2020, Marrakesh, Morocco, June 25-26, 2020 : proceedings 2020 / p. 74-85 https://doi.org/10.1007/978-3-030-45183-7_6 [Conference proceeding at Scopus](#) [Article at Scopus](#)