

Bringing research issues into lab scenarios on the example of SoC testing [Electronic resource]

Ubar, Raimund-Johannes; Jutman, Artur; Devadze, Sergei; Wuttke, Heinz-Dietrich International Conference on Engineering Education - ICEE 2007 : September 3-7, 2007, Coimbra, Portugal 2007 / [7] p. : ill. [CD-ROM]
<http://icee2007.dei.uc.pt/proceedings/papers/429.pdf>

Designing reliable cyber-physical systems

Aleksandrowicz, Gadi; Arbel, Eli; Bloem, Roderick; **Devadze, Sergei; Jenihhin, Maksim; Jutman, Artur; Raik, Jaan; Shibin, Konstantin** Languages, design methods, and tools for electronic system design : selected contributions from FDL 2016 2018 / p. 15-38 : ill https://doi.org/10.1007/978-3-319-62920-9_2 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Fast data sort based on searching networks with ring pipeline

Sklyarov, Valery; Skliarova, Iouliia; **Sudnitsõn, Aleksander** Elektronika ir elektrotehnika = Electronics and electrical engineering 2016 / p. 58-62 : ill <http://dx.doi.org/10.5755/j01.eie.22.4.15920>

Fast matrix covering in all programmable systems-on-chip

Sklyarov, Valery; Skliarova, Iouliia; **Rjabov, Artjom; Sudnitsõn, Aleksander** Elektronika ir elektrotehnika = Electronics and electrical engineering 2014 / p. 150-153 : ill

G-GPU : a fully-automated generator of GPU-like ASIC accelerators

Perez, Tiago Diadami; Gonçalves, Marcio M.; Gobatto, Leonardo; Brandalero, Marcelo; Azambuja, Jose Rodrigo; **Pagliarini, Samuel Nascimento** 2022 Design, Automation & Test in Europe Conference & Exhibition (DATE) : 14-23 March 2022 : Antwerp, Belgium 2022 / p. 544 - 547 <https://doi.org/10.23919/DATE54114.2022.9774758>

Interactions of Zynq-7000 devices with general purpose computers through PCI-express : a case study [Electronic resource]

Rjabov, Artjom; Sudnitsõn, Aleksander; Sklyarov, Valery; Skliarova, Iouliia Proceedings of the 18th Mediterranean Electrotechnical Conference MELECON 2016 : 18-20 April 2016, Limassol, Cyprus 2016 / [4] p. : ill. [CD-ROM]
<https://doi.org/10.1109/MELCON.2016.7495400>

LiD-CAT: A lightweight detector for cache ATtacks

Reinbrecht, Cezar; Hamdioui, Said; Taouil, Mottaqiallah; **Niazmand, Behrad; Ghasempouri, Tara; Raik, Jaan;** Sepulveda, Johanna 2020 IEEE European Test Symposium (ETS) : ETS 2020, May 25-29, 2020 Tallinn, Estonia : proceedings 2020 / 6 p. : ill
<https://doi.org/10.1109/ETS48528.2020.9131603>

Split-chip design to prevent IP reverse engineering

Pagliarini, Samuel Nascimento; Sweeney, Joseph; Mai, Ken; Blanton, Shawn; Mitra, Subhasish; Pileggi, Larry IEEE Design and Test 2020 / p. 109-118 <https://doi.org/10.1109/MDAT.2020.3033255> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Zynq-based system for extracting sorted subsets from large data sets

Sklyarov, Valery; Skliarova, Iouliia; **Rjabov, Artjom; Sudnitsõn, Aleksander** Journal of microelectronics, electronic components and materials 2015 / p. 142-152 : ill