

**Adjustable self-healing methodology for accelerated functions in heterogeneous systems**

Riazati, Mohammad; **Ghasempouri, Tara**; **Daneshtalab, Masoud**; **Raik, Jaan**; Sjodin, Mikael; Lisper, Bjorn 2020 23rd Euromicro Conference on Digital System Design (DSD), 26-28 August 2020, Kranj, Slovenia 2020 / p. 638-645  
<https://doi.org/10.1109/DSD51259.2020.00104>

**DeepHLS: A complete toolchain for automatic synthesis of deep neural networks to FPGA**

**Riazati, Mohammad**; **Daneshtalab, Masoud**; Sjodin, Mikael; Lisper, Bjorn ICECS 2020 - 27th IEEE International Conference on Electronics, Circuits and Systems, November 23-25, 2020, Virtual Conference : Proceedings 2020 / 4 p  
<https://doi.org/10.1109/ICECS49266.2020.9294881>

**Preface from General Co-Chairs: PDP 2020**

**Daneshtalab, Masoud**; Francesco, L.; Sjodin, Mikael 2020 28th Euromicro International Conference on Parallel, Distributed and Network-Based Processing : PDP 2020, Västerås, Sweden, 11-13 March 2020 2020 / 1 p  
<https://doi.org/10.1109/PDP50117.2020.00005>

**QoS-MAN : a novel QoS mapping algorithm for TSN-5G flows**

Satka, Zenepe; Ashjaei, Mohammad; Fotouhi, Hossein; **Daneshtalab, Masoud**; Sjodin, Mikael; Mubeen, Saad 2022 IEEE 28th International Conference on Embedded and Real-Time Computing Systems and Applications (RTCSA) 2022 / p. 220-227  
<https://doi.org/10.1109/RTCSA55878.2022.00030>