



## TC Featured Paper of the Month

Each month, TC selects a "Featured Paper of the Month" to highlight a new technological or theoretical breakthrough with potential for high impact in the field. All accepted TC papers are eligible for consideration by a selection committee. The highlighted paper is available free of charge for the month on TC's homepage. Authors of featured papers are invited to provide supplemental multimedia contents in multiple languages to promote their ideas openly to a broad audience.

Recent featured papers include:

- May 2023: *Serving Multi-DNN Workloads on FPGAs: A Coordinated Architecture, Scheduling, and Mapping Perspective* by Shulin Zeng, Guohao Dai, Niansong Zhang, Xinhao Yang, Haoyu Zhang, Zhenhua Zhu, and Huazhong Yang, Yu Wang
- April 2023: *GRIP: A Graph Neural Network Accelerator Architecture* by Kevin Kinningham, Philip Levis, and Christopher Ré
- **March 2023: *Lightweight Neural Architecture Search for Temporal Convolutional Networks at the Edge* by Matteo Rizzo, Alessio Burrello, Francesco Conti, Lorenzo Lamberti, Yukai Chen, Luca Benini, Enrico Macii, Massimo Poncino, and Daniele Jahier Pagliari**
- February 2023: *Generating Robust DNN With Resistance to Bit-Flip Based Adversarial Weight Attack* by Liang Liu, Yanan Guo, Yueqiang Cheng, Youtao Zhang, and Jun Yang
- January 2023: N/A
- December 2022: *ReAAP: A Reconfigurable and Algorithm-Oriented Array Processor With Compiler-Architecture Co-Design* by Jianwei Zheng, Yu Liu, Xuejiao Liu, Luhong Liang, Deming Chen, and Kwang-Ting Cheng
- November 2022: N/A
- October 2022: *Soft Error Effects on Arm Microprocessors: Early Estimations versus Chip* by Pablo R. Bodmann, George Papadimitriou, Rubens L. Rech Junior, Dimitris Gizopoulos, Paolo Rech
- September 2022: *Incentive Assignment in Hybrid Consensus Blockchain Systems in Pervasive Edge Environments* by Yaodong Huang, Yiming Zeng, Fan Ye, and Yuanyuan Yang