

ASAP 2021 Poster Session I

Paper Posters for the Oral Papers of Session 1/3 and the Following:

Poster 1.1 **“Power, Performance and Area Consequences of Multi-Context Support in CGRAs”**

Vimal Chacko and Jason Anderson, *University of Toronto, Canada*

Poster 1.2 **“SPNC: Optimizing Multi-Platform Compiler for Accelerating Sum-Product Network Inference”**

Lukas Sommer, Michael Halkenhäuser, Cristian Axenie and Andreas Koch, *Embedded Systems and Applications Group (ESA), TU Darmstadt, Germany*

Poster 1.3. **“NEMO-CNN: An Efficient Near-Memory Accelerator for Convolutional Neural Networks”**

Grant Brown, Valerio Tenace and Pierre-Emmanuel Gaillardon, *University of Utah, USA*

Poster 1.4. **“SWin: Optimization Strategies for I/O Determinism of NVMe Drives”**

Yuting Liu, Limin Xiao, Jiye Wang, Jinbin Zhu and Liwei Zuo, *Beihang University, China*

Poster 1.5. **“Edge-disjoint spanning trees in the line graph of hypercubes”**

Yu Qian, Baolei Cheng, Jianxi Fan, Yifeng Wang and Ruofan Jiang, *Soochow University, China*

Poster 1.6. **“Customized Instruction on RISC-V for Winograd-Based Convolution Acceleration”**

Shihang Wang, Jiangnan Zhu, Qi Wang, Can He and Terry Tao Ye, *Southern University of Science and Technology, China*