

Tutorial Schedule

9:00 – 9:30	Antonino Tumeo	Agile Hardware Design for Complex Data Science Applications: Opportunities and Challenges.
9:30 – 10:00	Fabrizio Ferrandi	Bambu: An Open-Source Research Framework for the High-Level Synthesis of Complex Applications.
10:00 – 10:30	Antonino Tumeo	SODA-OPT: Enabling System-Level Design in MLIR for HLS and Beyond. Hands-on: From DNN Models to ASIC Devices with SODA-OPT
10:30 – 11:00		Coffee Break
11:00 – 12:00	Serena Curzel Michele Fiorito	Hands-on: Productive High-Level Synthesis with Bambu, Compiler Based Optimizations, Tuning and Customization of Generated Accelerators
12:00 - 12:30	Antonino Tumeo & Fabrizio Ferrandi	New features in SODA-OPT and Bambu