

PACT 2023 Workshop on AI-Acceleration

Location : Vienna, Austria

Date: 21th October, 2023

PACT: <https://pact2023.github.io/>



Time	Speaker	Topic
13:30-14:00	Dr. Lukas Cavigelli, Huawei Research, Switzerland	LLM Inference Challenges on Ascend and beyond
14:00-14:30	Prof. Luca Benini, ETH, Switzerland	Open platforms for the Embodied AI Era
14:30-15:00	Prof. Avi Mendelson, Technion, Israel	New Developments in Graph Neural Network (GNN) architectures
15:00-15:30	Coffee Break	
15:30-16:00	Prof. Sandro Bartolini, University of Siena, Italy	Challenges and future directions in accelerated architectures: AI and beyond
16:00-16:30	Dr. Anton Lokhmotov, KRAI, UK	Industrial-grade benchmarking and optimization of Computer Systems for Machine Learning
16:30-17:30	Dr. Lukas Cavigelli (moderator), Huawei Research, Switzerland	Round Table Discussion

AI acceleration workshop aims to delve into the latest advancements in AI acceleration techniques and technologies exploring cutting-edge solutions designed to enhance the speed, efficiency, and scalability of AI algorithms and models. Key topics of discussion will include hardware acceleration, open platforms for AI, AI benchmarks and emerging AI hardware architectures. The workshop on AI acceleration provides a venue for the international researchers and industry community to share ideas and techniques to accelerate AI workloads.

Organizers: Dr. Lukas Cavigelli (Huawei), Dr. Bilha Mendelson (Optitura), Dr. Emily Rozenshine (Huawei) and Dr. Jose Yallouz (Huawei)