



Presentations will be 25 minutes followed by 5 minutes Q&A.

https://teams.microsoft.com/l/meetup-join/19%3ameeting_Nzc1ZTYxOWQeZDI2NS00Y2UzLWE5ZDAtOWU5Nzc4MzJjYjJi%40thread.v2/0?context=%7b%22Tid%22%3a%22cc7df247-60ce-4a0f-9d75-704cf60efc64%22%2c%22Oid%22%3a%22e490bb67-babc-4714-a54b-f9c7add1c84b%22%7d

Monday November 1st, 2021

13.30 – 13.45: Opening (15 min)

Henk Corporaal

13.45 – 14.45: Session 1 (60 min)

13.45 Efficient Application of Tensor Core Units for Convolution Images

Stefan Groth, Jürgen Teich and Frank Hannig.

14.15 FADE: FaaS-inspired application decomposition and Energy-aware function placement on the Edge

Achilleas Tzenetopoulos, Charalampos Marantos, Giannos Gavrielides, Sotirios Xydis and Dimitrios Soudris.

14.45 – 15.00 Coffee Break (15 min)

15.00 – 16.00: Keynote (60 min)

Orlando Moreira

Tuesday November 2nd, 2021

9.00 – 10.00: Session 2 (60 min)

9.00 LoopOpt: Declarative Transformations Made Easy

Lorenzo Chelini, Martin Kong, Tobias Grosser and Henk Corporaal.

9.30 How to exploit sparsity in RNNs on event-driven architectures

Jarno Brils, Luc Waeijen and Arash Pourtaherian.

10.00 – 10.30 Coffee Break (30 min)

10.30 – 12.00: Session 3 (90 min)

10.30 Predicting Objectives on a Reduced Search Space of Multiobjective Function Inlining

Kateryna Muts and Heiko Falk.

11.00 So Far So Good - Self-Adaptive Dynamic Checkpointing for Intermittent Computation based on Self-Modifying Code

Bahram Yarahmadi and Erven Rohou.

11.30 lospre in linear time

Philipp Krause.

12.00 – 12.15 Closing remarks (15 min)

