

November 30th, 2020

Virtual/Microsoft Teams

Registration is free of charge, but required. Attendees must send an email to: federico.rossi@ing.unipi.it or lorenzo.fiaschi@phd.unipi.it
The link to the virtual Zoom room will be sent afterwards

9:15-9:30 (CET) Introduction

M. Cococcioni, S. Saponara

9:30-10:00 Research on HW accelerators and AI at University of Pisa

Round table: M. Cococcioni, F. Marcelloni, S. Saponara

10:00-11:00 Recent breakthroughs in next-generation arithmetic

[J. L. Gustafson](#), National University of Singapore
(Q/A moderator: M. Cococcioni)

11:00-11:45 The RISC-V Vector Processor in EPI

[J. Labarta](#), Barcelona Supercomputing Center (BSC)
(Q/A moderator: S. Saponara)

11:45-12:00 RISC-V Posit arithmetic and the Pisa PPU

L. Fiaschi, F. Rossi, University of Pisa

12:00-12:15 AI & video for danger detection: from smoke/fire detection to COVID-19 social distancing detection in smart cities

P. Dini, A. El Hanashi, A. Gagliardi, University of Pisa

12:15-12:30 Closing

M. Cococcioni, S. Saponara

PhD Workshop on Hardware accelerators for AI and HPC applications



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