CURIOUS MINDS

UNIVERSITÀ DI PAVIA

Event schedule

9.00 — Opening event

9.10 — **Nicola Lepri** (Politecnico di Milano) - In-memory analog acceleration of Deep Learning inference

9.50 — **Umberto Follo** (Politecnico di Torino & INFN Torino) - Fully depleted monolithic CMOS sensors for timing applications

10.30 — *coffee break*

11.00 — **Andrea Epis** (Università di Bologna) - Self-supervised learning (SSL) introduction and applications in medical research

11.40 — **Giorgia Rita Di Ruggiero** (Universitätsspital Zürich & ETH) - The role of vestibular signals in arm movement control

12.20 — *Lunch break*

14.10 — **Maurizio Millesimo** (ARCES-DEI , Università di Bologna) - Experimental Characterization and Modeling of GaN-Based Power Devices

14.50 — **Riccardo Della Sala** (Sapienza Università di Roma) - Shielding the future leveraging Physical Unclonable Functions and True Random Number Generators

15.30 — *coffee break*

16.00 — **Christian Padovani** (Politecnico di Milano) - Innovative frequency modulation technique for MEMS accelerometers

16.40 — Closing event

IEEE Student Branch Pavia

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