

Apr 27th, 2023 - 2.00 PM

Final presentation: Workshop "Innovative systems"

Maxwell Room, DET
Apr 27th, 2023 - 2.00 PM

Final course presentation

MSc in Electronic Engineering- Academic Year 2022/2023

The workshop "Innovative systems" aims to explore the capabilities of new technological processes used in the design of innovative digital systems. Three groups of students develop a project in cooperation with academic tutors who guide them on project decisions. The workshop is multidisciplinary and gathers students of two courses: "Sistemi elettronici a basso consumo" (Low-power electronic systems) and "Integrated System technology".

In the first part of the workshop, the students designed an application-specific processing architecture by comparing different design solutions and optimizing them on power and/or speed. Secondly, the workshop focused on the physical design of a subcircuit of their architectures, using both conventional CMOS technology and cutting-edge technologies.

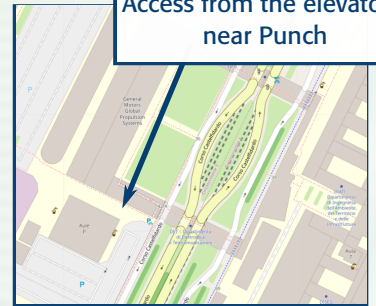
Approximate computing

- Valeria Piscopo
- William Baisi

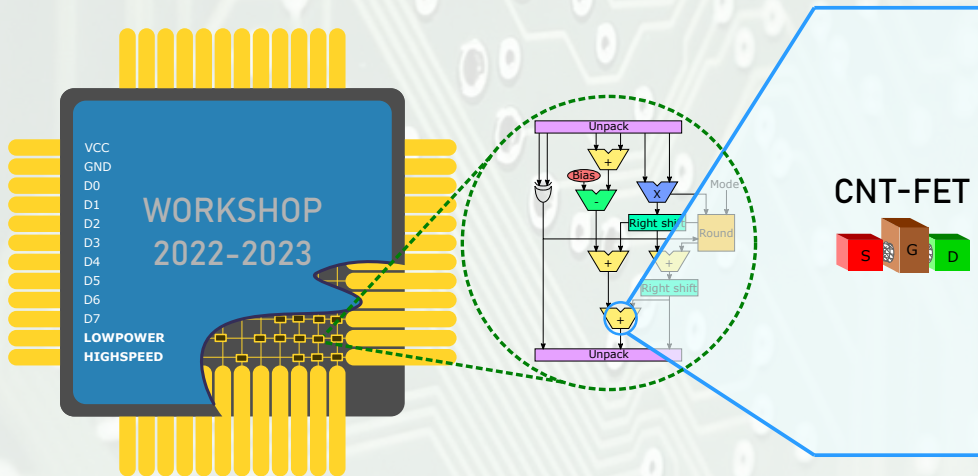
Logarithmic computing

- Othman Laouibi
- Marco Rausa

Maxwell Room (DET)
Access from the elevators
near Punch



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01SESOQ - Workshop "Innovative Systems" - A.Y. 2022/2023

Teaching team: Prof. Maurizio Zamboni, Prof. Gianluca Piccinini, Prof. Mariagrazia Graziano, Yuri Ardesi, Andrea Coluccio, Chiara Elfi Spano, Fabrizio Mo, Alessio Naclerio, Federico Ravera.



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