



UNIVERSITÀ DI PAVIA  
Department of Electrical,  
Computer and Biomedical  
Engineering

NATIONAL PHD SCHOOL IN  
MICRO AND NANO ELECTRONICS  
phd-mne.unipv.it

March 20<sup>th</sup>, 4PM  
Magenta Seminar Room  
Dept. ECBE, D Floor

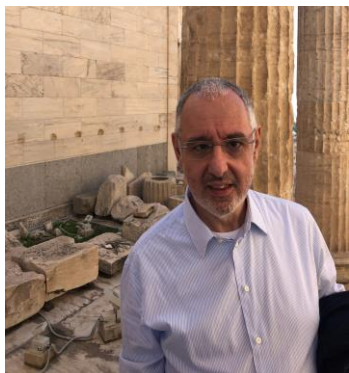
*Industrial Topics in Microelectronics and Photonics - Seminars*

## The Tangled Tree of Technology

**Abstract:** *We are at the dawn of a technological “Cambrian explosion”; we must challenge the established “trees of technology”; only the entanglement of many [even radically] different “trees of technology” will allow us to leapfrog the fundamental physical limits that CMOS and xPU are hitting against.*

**Speaker: Marco Casale-Rossi (Synopsys)**

**SYNOPSYS**<sup>®</sup>  
*Silicon to Software*<sup>™</sup>



**Marco Casale-Rossi** Marco Casale-Rossi has joined Synopsys in 2005, after 20 years at STMicroelectronics Central R&D and ASIC R&D departments, where he has participated in the development and deployment of one of the first “industrial” ASIC implementation EDA solutions. Marco’s most recent responsibility at ST was the management of the technology collaborations with the EDA partners. In the last 19 years, Marco has contributed building Synopsys vision of the design and technology roadmap, most recently as a member of the Office of the CEO.