

IQubits Workshop @



AGENDA

venue: CNR Nano, via Campi 213/A, Modena, Italy

Physics Building - Room L1.6 - first floor

9:00-9:05	Introduction by Host	Elisa Molinari (CNR Nano, Modena, Italy)
9:05-9:40	IQubits: Integrated Qubits Towards Future Silicon Quantum Computing	Domenico Zito (Aarhus University, Denmark)
9:40-10:15	The quantum side of spin qubits in Si MOSFETs: what we understand and what we don't	Filippo Troiani (CNR Nano Modena, Italy)
10:15-10:30	<i>Coffee break</i>	
10:30-11:05	GINESTRA material to device simulation platform - challenges toward the simulation of Qubit device	Stefano Dominici (Applied Materials, Reggio Emilia, Italy)
11:05-11:40	Design and Modelling Challenges for Very Large-Scale Integrated Quantum Processors in Foundry CMOS Technologies	Sorin Voinigescu (University of Toronto, Canada)
11:40-12:15	GlobalFoundries Dresden - R&D Activities	Thorsten Kammler (GlobalFoundries, Dresden, Germany)



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