

Inauguration of Unina Superconducting Quantum computing Center 24 qubits and more

May, 29th 2024



Naples

Monte Sant'Angelo University Campus
[Sala Azzurra, Centri Comuni]



9:30 Welcome Coffee

10:00 Welcome

Matteo Lorito - University of Naples Federico II, Rector -
Gaetano Manfredi - Naples Mayor -
Valeria Fascione - Campania Region, Councillor for Research, Innovation and Start up -
Antonio Zoccoli - ICSC Foundation and INFN, President -
Francesco Ubertini - ICSC Foundation, Vice President - CINECA President -
Gennaro Miele - UNINA Department of Physics "Ettore Pancini", Director -
Gianpiero Pepe [Chair] - University of Naples Federico II -

10.40 European initiatives in quantum computing

Oscar Diez - European Commission -

11.00 The Horizons of Computing: Industrial Strategies and Prospects

Luca De Angelis - Italian Ministry of Enterprise and Made in Italy -

11.10 Italian Quantum Computation: A History Between Past, Present and Future

Fabio Beltram - Scuola Normale Superiore di Pisa - Spoke 5 NQSTI, Coordinator -
Mario Nobile - AgID, Director General -
Nunzia Ciardi - Italian Cybersecurity Agency ACN, Deputy Director -
Saverio Pascazio - Department of Physics University of Bari -
Nicola Mazzocca [Chair] - University of Naples Federico II - Spoke 9 iCSC, Leader -

12:00 The 24 qubits Italian Superconducting Quantum Computer

Francesco Tafuri - University of Naples Federico II -

12:15 Lab Visit (Department of Physics)

13:30 Light Lunch

**14:30 The Horizons of Computing: State of National Recovery
and Resilience Plan**

Donatella Proto - Italian Ministry of Enterprise and Made in Italy -

**14:45 Toward An Italian Industrial Chain of Quantum Computing:
International Examples and Italian Initiatives**

Subodh Kulkarni - Rigetti, CEO -
Alesseandro Bruno - QuantumWare, CEO -
Massimiliano Dispenza
Giorgio Ventre [Chair] - University of Naples Federico II -

15:30 Conclusions

Leonardo De Cosmo - ANSA journalist and Quantum Dots - moderates the meeting



Centro Nazionale di Ricerca in HPC,
Big Data and Quantum Computing



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May, 30th 2024



Naples

Monte Sant'Angelo University Campus
(Aula Caianello, Dip. di Fisica 'E. Pancini)



9.00 Welcome Coffee

9.30 Welcome

Lorenzo Marucci - University of Naples Federico II, Research Delegate -
Fabio Villone - University of Naples Federico II, DIETI Director -
Domenico Accardo - University of Naples Federico II, CESMA Director -
Antonio Pescapè - University of Naples Federico II, Third Mission Delegate -

**9.50 The Horizons of Computing: State of National Recovery
and Resilience Plan**

Fabrizio Gobis - Ministry of University and Research -

**10.10 Italian Quantum Computation: Quantum Flagship,
ICSC Italian Research Center e NQTSI**

Tommaso Calarco - Institute for Complex Quantum Systems and Julich Centre
for Integrated Quantum Science and Technology, Director - University of Bologna -
Simone Montangero - University of Padova - Spoke 10 ICSC, co-Leader -
Francesco Cataliotti - CNR-INO Institute - Spoke 3 NQTSI, Coordinator -
Saverio Pascazio [Chair] - Department of Physics University of Bari -

**11.10 Toward An Italian Industrial Chain of Quantum Computing:
Superconducting Quantum Hardware**

Alessandro Bruno - CTO Quantware, Co-Founder -
Stefano Poletto - Quantum Engineering, Director - Rigetti Computing -
Marco Arzeo - SEEQC, Lab Manager -
Davide Massarotti - University of Naples Federico II -
Massimiliano Dispenza
Giovanni Miano [Chair] - University of Naples Federico II -

12:10 Lab Visit

13:15 Light Lunch

**14:30 Toward An Italian Industrial Chain of Quantum Computing:
Quantum Software and Applications**

Paolo Cremonesi - Politecnico di Milano - Spoke 10 ICSC, Leader -
Daniele Ottaviani - CINECA -
Shai Machnes - Qruise -
Simone De Liberato - Quantum Nations -
Giovanni Acampora - University of Naples Federico III -
Saro Fazio [Chair] - University of Naples Federico II -

15:45 Conclusions



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