

Quantum 2022 Summer School on

Quantum Optical Technologies

in Apulia

18-24 September 2022, Trani (Italy)

Organized by:



in collaboration with:



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The **Quantum 2022 Summer School**, dedicated to prof. Franco Selleri, is oriented to PhD students, master students and young researchers, and aims to provide a **privileged vision of quantum optical technologies** from both a theoretical and an experimental perspective.

LECTURE TOPICS

- Quantum Imaging
- Quantum Information
- Quantum Cryptography
- Quantum Simulation
- Quantum Communication in fibers & in space
- Sources, Detectors and Measurements protocols for quantum technologies

LECTURERS

Gunnar Björk (KTH, Stockholm)
Edoardo Charbon (EPFL, Neuchâtel)
Maria Chekhova (Max Planck, Erlangen)
Milena D'Angelo (UniBA and INFN, Bari)
Ivo P. Degiovanni (INRiM, Torino)
Paolo Facchi (UniBA and INFN, Bari)
Daniele Faccio (UofG, Glasgow)
John Howell (HUJI, Jerusalem)
Zdenek Hradil (UP, Olomouc)
Simone Montangero (UniPD, Padova)
John Rarity (UOB, Bristol)
Jaroslav Řeháček (UP, Olomouc)
Ivano Ruo-Berchera (INRiM, Torino)
Fabio Sciarrino (Sapienza, Roma)
Bohumil Stoklasa (UP, Olomouc)
Paolo Villorresi (UniPD, Padova)
Hugo Zbinden (UniGe, Geneva)

SCIENTIFIC COMMITTEE

Milena D'Angelo (UniBA and INFN, Bari)
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Fabio Sciarrino (Sapienza)
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ORGANIZING COMMITTEE

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Websites: <https://www.uniba.it/ricerca/dipartimenti/fisica/summer-school/quantum-2022>
<https://agenda.infn.it/e/quantum2022>

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