



REGIONE  
PUGLIA



UNIVERSITÀ  
DEGLI STUDI DI BARI  
ALDO MORO



DIPARTIMENTO  
INTERATENEO  
DI FISICA  
"MICHELANGELO MERLIN"

# Quantum 2022 Summer School on

# Quantum Optical Technologies

## *in Apulia*

18-24 September 2022, Trani (Italy)

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.

**Registrations** will open at the end of February and will end in June 2022. Fellowships available.

**Lecturers:** Gunnar Björk, Edoardo Charbon, Maria Chekhova, Milena D'Angelo, Ivo P. Degiovanni, Paolo Facchi, Daniele Faccio, John Howell, Zdenek Hradil, Simone Montangero, John Rarity, Jaroslav Řeháček, Ivano Ruo-Berchera, Fabio Sciarrino, Bohumil Stoklasa, Paolo Villoresi, Hugo Zbinden

**Scientific Committee:** Milena D'Angelo, Paolo Facchi, Augusto Garuccio, Saverio Pascazio (UniBA and INFN Bari), Marco Genovese (INRiM), Fabio Sciarrino (Sapienza)

**Organizing Committee:** Milena D'Angelo, Paolo Facchi, Gianlorenzo Massaro, Francesco Pepe (UniBA and INFN), Roberto De Nicolò (Auriga S.p.a.)

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

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