



REGIONE
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UNIVERSITÀ
DEGLI STUDI DI BARI
ALDO MORO



DIPARTIMENTO
INTERATENEO
DI FISICA
"MICHELANGELO MERLIN"

Quantum 2020 - Summer School on Quantum Optical Technologies *in Apulia*

20-25 September 2020, Trani (Bari) Italy

Altri Partners



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The **Quantum 2020** 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 in March and will end in August 2020. 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, 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), Marco Genovese (INRiM), Fabio Sciarrino (Sapienza Roma)

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-2020>
<https://agenda.infn.it/e/quantum2020>

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