

08:45 - 09:00	<u>Opening</u>
09:00 - 09:30	Peter Michler On-chip quantum photonics on a GaAs platform
09:30 - 10:00	Kartik Srinivasan Integrated quantum photonics with single, optically-located quantum dots
10:00 - 10:30	Christian Schimpf All-photonic quantum teleportation using on-demand solid-state quantum emitters
10:30 - 11:00	<u>Coffee break</u>
11:00 - 11:30	Niels Gregersen Designing Single-Photon Sources: Towards Unity
11:30 - 12:00	Jean-Michel Gerard Nanowire single-photon sources: Mechanics matters
12:00 - 12:30	Pascale Senellart Generation of quantum light in a photon-number superposition
12:30 - 13:30	<u>Lunch</u>
13:30 - 14:30	<u>Poster session</u>
14:30 - 15:00	Fabio Sciarrino Machine learning for certification of photonic quantum information
15:00 - 15:30	Giuseppe Vallone Long-distance quantum communication in Space
15:30 - 16:00	Eden Figueroa Building scalable room temperature quantum technologies
16:00 - 16:30	Costanza Toninelli Organic molecules for quantum technologies
16:30 - 17:00	<u>Coffee break</u>

December 6th

- 17:00 - 17:30 **Richard Warburton**
A quantum dot exciton deep in the strong coupling regime of cavity-QED
- 17:30 - 18:00 **Jonathan Finley**
Quantum emission dynamics and hole-spin dephasing in single quantum dots
- 18:00 - 18:30 **Christoph Becher**
Spin properties and quantum control of group-IV vacancy centers in diamond
- 20:00 **Social dinner at “Casa dell’Aviatore”**

December 7th

- 09:00 - 09:30 **Brian Gerardot**
Coulomb blockade in atomically thin quantum dots
- 09:30 - 10:00 **Christian Schneider**
Light-matter coupling with atomically thin WSe₂
- 10:00 - 10:30 **Marco Felici**
Hydrogen-assisted fabrication of site-controlled light-emitting micro/nanodomains in bulk transition-metal dichalcogenides
- 10:30 - 11:00 **Coffee break**
- 11:00 - 11:30 **Gregor Weihs**
Photon triplet creation in and coherent control of nanowire quantum dots
- 11:30 - 12:00 **Ana Predojevic**
Analysis of (hyper-) entanglement in quantum dot systems
- 12:00 - 12:30 **Val Zwiller**
Generating, manipulating and detecting quantum states of light at the nanoscale

12:30 - 13:30	<u>Lunch</u>
13:30 - 14:30	<u>Poster session</u>
14:30 - 15:00	Stephan Reitzenstein Electrically Triggered Emission of Indistinguishable Photons by Resonant Microlaser Excitation
15:00 - 15:30	Glenn Solomon Quantum dot resonance fluorescence in an integrated cavitywaveguide device
15:30 - 16:00	Miroslav Jezek High-fidelity photon statistics detection and quality assessment of single-photon and entanglement sources
16:00 - 16:30	<u>Coffee break</u>
16:30 - 17:00	Emanuele Pelucchi Engineering opportunities (and struggles) with site-controlled Pyramidal quantum dots
17:00 - 17:30	Stefano Sanguinetti High Temperature Droplet Epitaxy Technique for Quantum Photon Sources
17:30 - 18:00	Michael Reimer Towards perfect photon entanglement with a quantum dot
18:00	<u>Departure</u>