



AS A KEY ENABLING TECHNOLOGY

Sala "Luigi Stringa", FBK  
November 15, 2018

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9:00-9:15	Welcome remarks
9:15-9:45	<b>Giulio Monaco</b> , Department of Physics, University of Trento <i>X-rays inelastic scattering experiments: recent results</i>
9:45-10:15	<b>Antonio Perreca</b> , Department of Physics, University of Trento <i>The shape of light in gravitational wave detectors</i>
10:15-10:45	<b>Lorenzo Bruzzone</b> , DISI, University of Trento <i>Optical Remote Sensing for Environmental Monitoring</i>
10:45-11:15	Coffee break
11:15-11:45	<b>Alessandro Gozzi</b> , CNCS@UniTn, Italian Institute of Technology <i>Brain-wide mapping of neural activity with optogenetic-fMRI</i>
11:45-12:15	<b>Marco Canossa</b> , CIBIO, University of Trento <i>The breaking of symmetry: axon/dendrites specification in neuronal circuits assembly</i>
12:15-12:45	<b>Giacomo Oliveri</b> , DISI, University of Trento <i>Dealing with complexity in wireless and optical technologies for radar, meteorology, telecommunications, and biomedicine: advances, perspectives, and challenges</i>
12:45-14:15	Lunch break
14:15-14:45	<b>Mher Ghulinyan</b> , Fondazione Bruno Kessler, Trento <i>Ultra-thin and ultra-low-loss silicon photonics</i>
14:45-15:15	<b>Lorenzo Pavesi</b> , Department of Physics, University of Trento <i>Nonlinear optics as an enabling technology</i>
15:15-15:45	<b>Matteo Perenzoni</b> , Fondazione Bruno Kessler, Trento <i>Exploiting single photons for novel imaging techniques</i>
15:45-16:00	Two years of SPIE chapter in Trento
16:00-16:30	Coffee break and cake contest
16:30-18:00	Poster session
18:00-19:00	Closing ceremony

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