



Kick Off Meeting



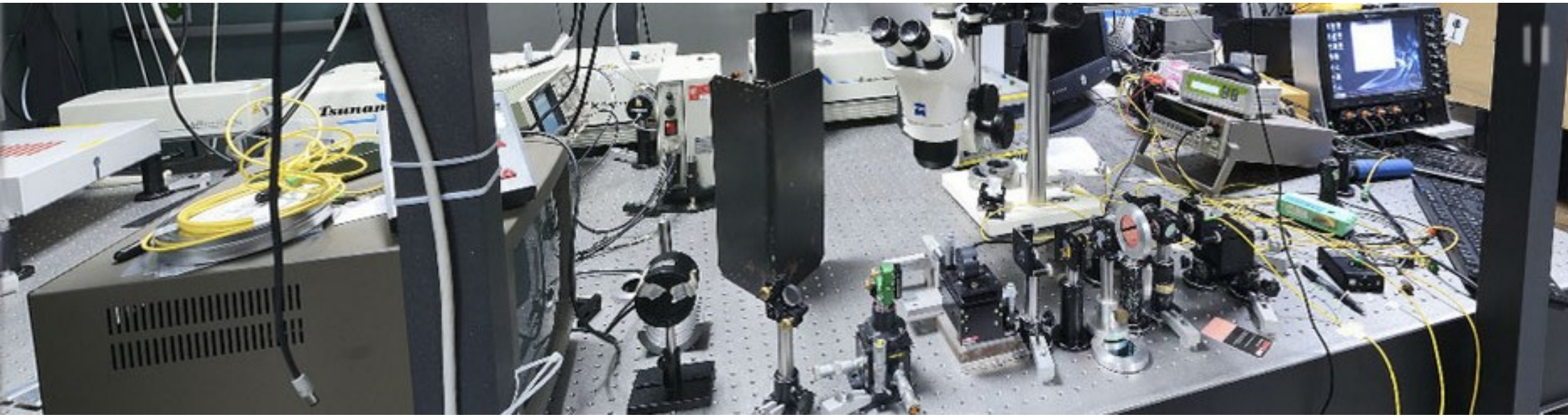
UNIVERSITY OF TRENTO - Italy

DEPARTMENT OF PHYSICS
Nanoscience Laboratory

Nanoscience Laboratory

Friday 5 December 2014

Aula 204-Polo Ferrari, Povo (TN)



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| <p>8.30-8.45 Lorenzo Pavesi
<i>Welcome remarks</i></p> <p>8.45-9.40 Gaetano Assanto
<i>Invited talk: Nematicons: Light guiding Light in liquid crystals</i></p> <p>9.40-10.00 Massimo Borghi
<i>Investigation of strain induced second order nonlinearities in silicon through the Pockels effect: part I</i></p> <p>10.00-10.20 Mattia Mancinelli
<i>Investigation of strain induced second order nonlinearities in silicon through the Pockels effect: part II</i></p> <p>10.20-10.40 Alessandro Trenti
<i>A set-up for the generation of entangled photons via second order parametric processes</i></p> <p>10.40-11.00 Coffee Break</p> <p>11.00-11.20 Fabio Turri
<i>Optomechanical actuation of microresonators vertically coupled to bus waveguides (I). Current results and future perspectives</i></p> <p>11.20-11.40 Fernando Ramiro Manzano
<i>Optomechanical actuation of microresonators vertically coupled to bus waveguides (II). Projet ACCEDE.</i></p> <p>11.40-12.00 Santanu Manu
<i>Integrated devices based on silicon-nanocrystals (I) Multi-mode interference revealed by two photon absorption in silicon-nanocrystals</i></p> <p>12.00-12.20 Fernando Ramiro Manzano
<i>Integrated devices based on silicon-nanocrystals (II). Future devices based on silicon-nanocrystals in the framework of project Siquro</i></p> | <p>12.20-14.00 Lunch</p> <p>14.00-15.00 Leonardo Ricci
<i>Invited talk: Towards a robust method to disentangle stochastic noise from chaos</i></p> <p>15.00-15.20 Stefano Tondini
<i>Time and Wavelength Resolved Electroluminescence in Silicon Nanocrystals Light Emitting Devices</i></p> <p>15.20-15.40 Zahra Bisadi
<i>Random number generation exploiting Si-NC LEDs</i></p> <p>15.40-16.00 Lorenzo Pavesi
<i>IRIS: Integrated Reconfigurable silicon phonic Switch</i></p> <p>16.00-16.20 Coffee Break</p> <p>16.20-16.40 Davide Gandolfi
<i>Towards an integrated biosensor: the Symphony route</i></p> <p>16.40-17.00 Marina Scarpa
<i>Luminescent porous silicon microparticles</i></p> <p>17.00-17.20 Romain Guider
<i>Advances properties of Porous Silicon for biosensing and nanofluidic applications</i></p> <p>17.20-17.40 Paolo Bettotti
<i>Anodic porous alumina membranes for electrophoretic experiments to study DNA structures</i></p> <p>20.00 Social Dinner</p> |
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