

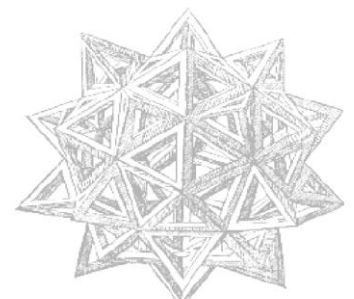
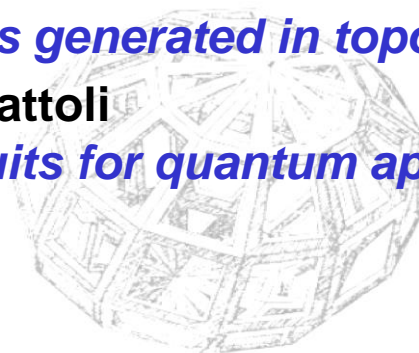


UNIVERSITA' DEGLI STUDI DI PAVIA

DOTTORATO DI RICERCA IN FISICA

SEMINARI DEI DOTTORANDI
Dipartimento di Fisica, aula di Dottorato
Venerdì 11 Ottobre 2019

- 9.00-9.30 Nicolò Valle
Quarks matter
- 9.30-10.00 Simone Calzaferri
Trigger studies for tau → 3mu channel
- 10.00-10.30 Davide Fiorina
Micro-Pattern Particle Detectors: status and future challenges
- 10.30-11.00 *Break*
- 11.00-11.30 Michele Grossi
Feasibility study of Vector Boson Scattering (VBS) polarisation discrimination
- 11.30-12.00 Alessandro Veronese
Metal halide perovskite nanocrystals: current state and future perspectives
- 12.00-14.00 *Lunch break*
- 14.00-14.30 Tommaso Perani
Quantum Photonics Embedding Quantum Dots and Color Centers
- 14.30-15.00 Chiara Magni
Potential and challenges of Boron Neutron Capture Therapy from accelerators
- 15.00-15.30 Chiara Bissolotti
Towards a fit of unpolarized Transverse Momentum Distributions
- 15.30-16.00 *Break*
- 16.00-16.30 Nicola Bergamasco
Path correlations of photon pairs generated in topologically-protected modes
- 16.30-17.00 Federico Andrea Sabattoli
Integrated silicon photonic circuits for quantum applications





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SEMINARI DEI DOTTORANDI
Dipartimento di Fisica, aula di Dottorato
Lunedì 14 Ottobre 2019

- 9.00-9.30 Paolo Rinaldi
A new viewpoint on singular stochastic partial differential equations
- 9.30-10.00 Lissa de Souza Campos
Quantum Field Theory and Black Holes
- 10.00-10.30 Efstathios Charlaftis
Applications of nuclear magnetic resonance in cultural heritage
- 10.30-11.00 *Break*
- 11.00-11.30 Francesca Brero
Physical properties of magnetic nanoparticles for biomedicine: dependence on microscopic parameters
- 11.30-12.00 Lorenzo Pezzotti
Axion-like particles search with the FCCee IDEA Detector
- 12.00-14.00 *Lunch break*
- 14.00-14.30 Davide Cicolari
Application of MRI relaxation times maps for diagnostic and dosimetric purposes
- 14.30-15.00 Lisa Rinaldi
Development and Optimization of Radiomic Techniques on CT Images
- 15.00-15.30 Benedetta Albini
Raman Spectroscopy & Nanostructured Complex Systems: A Win to Win Game
- 15.30-16.00 *Break*
- 16.00-16.30 Giulia Rovelli
Searching for Dark Matter at the ATLAS Experiment
- 16.30-17.00 Simone Rodini
QCD partonic phenomena: a journey into non-perturbative physics

