

# Graduate Program in Physics -University of Trieste

## PhD students seminars

**27 November 2014 Physics Department-via Valerio 2, Room B**

**10:15 SCHIZZI Andrea**

Associated production of W bosons and two jets from b quarks at the CMS experiment.

**11:00-11:15 Fire evacuation drill**

**11:20 LA LICATA Chiara**

Measurement of the production cross section of a Z boson in association with exactly one or at least two b jets in pp collision with the CMS experiment at LHC

**12:10 PANIZZO Giancarlo**

Testing New Physics with bottom quarks at LHC: a pragmatic approach

**13:00 Lunch**

**14:30 BATTISTONI Andrea**

Broad band acoustic spectroscopy in disordered systems

**15:20 FILIASI Mario**

Applications of Large Deviations Theory and Statistical Inference to Financial Time Series

**16:10 GIANGRISOSTOMI Erika**

Matter under extreme transient conditions investigated with free electron laser radiation at FERMI

**17:00 Coffee Break**

**17:30 TITIMBO Kelvin Ruben**

Decoherence, Entanglement and Memory Effects in Many-Body Systems

**18:20 - 19:00 CAFARO Costantino**

Radon prone areas in Friuli Venezia Giulia: ecological analysis and modelling

**28 November 2014 Physics Department-via Valerio 2, Room B**

**8:30 CUMANI Paolo**

*Analysis and estimation of the scientific performance of the GAMMA-400 experiment*

**9:20 TAVAGNACCO Daniele**

*Analysis and Characterization of Systematic Effects related to the Study of Cosmic Microwave Background anisotropies with the Planck LFI Instrument*

**10:10 Coffee Break**

**10:30 DOGO Federico**

*Models of DNA damage, repair, and misrepair*

**11:20 COSTANZI Alunno Cerbolini Matteo**

*Cosmological constraints from the study of the large scale structure of the Universe*

**12:10 DI FRAIA Michele**

*Time-Resolved and Imaging Techniques for Photoionization Studies of Atoms, Molecules and Clusters*

**13.00 End of Session**