



SCUOLA DI DOTTORATO IN FISICA, ASTROFISICA E FISICA APPLICATA

**Presso la Sala Consiglio del Dipartimento di Fisica,
gli allievi del I° anno della Scuola di Dottorato
terranno nelle giornate del 10 e 11 Novembre 2009,
il seminario di fine anno nei seguenti orari:**

10 NOVEMBRE

- 9:00** Pandini Davide: Applications of spectrometry's methods for measurements in colorimetry.
- 9:20** Smirne Andrea: Open quantum systems: Non-Markovian dynamics.
- 9:40** Galimberti Gianluca: Time resolved reflectivity on carbon nanotube bundles.
- 10:00** Villa Fabio: Laser-driven Positronium excitation for antimatter experiments.
- 10:20** Brivio Davide: Toward a new realization of a Two-Photon Multi-Qubit State.
- 10:40** Corbelli Gabriele: Stretchability and transport properties of polydimethylsiloxane-gold nanocomposites films.
- 11:00** **Coffe break**
- 11:20** Drera Giovanni: Magnetism and electronic structure of Diluted Magnetic Oxides: thin films for spintronic.
- 11:40** Dash Sibashisa: Electronic and Magnetic Properties of Mn on Ge surface and interface.
- 12:00** Bovio Simone: Characterization of physico-chemical properties of Ionic Liquid thin films using atomic force microscopy.
- 12:20** Nicolini Roberto: Inelastic scattering as a tool to search for highly excited states up to the region of the Giant Quadrupole Resonance.
- 12:40** Re Alessandra: The Borexino experiment: study on systematics in neutrino flux measurements and muon flux detection.

11 NOVEMBRE

- 9:00** Del Torto Francesco: Prototypes of corrugated horn arrays for future CMB polarization experiments.
- 9:20** Varri Annalisa: Structure and dynamics of quasi-relaxed stellar systems.
- 9:40** Agosti Abramo: Models of turbulence. Applications to the case of particulate mixing induced by the flow of traffic in urban areas.
- 10:00** Manfreda Michele: Application of Near Field Speckle Techniques to Synchrotron Radiation: Recent Developments.
- 10:20** Paroli Bruno: Space charge effects on the dynamics of electron bunches or Thomson backscattering.
- 10:40** Baiocchi Benedetta: Experimental and theoretical study of ion heat turbulent transport at JET.
- 11:00** **Coffe break**
- 11:20** Besana Ilaria: Study of W+jets background to top quark pair production cross-section in ATLAS at the LHC.
- 11:40** Buizza Margherita: Measurement of solar neutrino fluxes above 1MeV with the Borexino experiment.
- 12:00** Biassoni Pietro: Study of charmonium physics via two-photon collisions at BaBar.
- 12:20** Scoleri Stefano: Some Aspects of Integrability in N=4 Supersymmetric Yang-Mills Theory.

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**Ulteriori informazioni si potranno chiedere a: phd@fisica.unimi.it
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