

SCUOLA DI DOTTORATO IN FISICA

Seminari dei DOTTORANDI

Seminari di fine ANNO

30 Novembre 2012, Aula A, Edificio A, p.le Europa 1

NUCLEAR, SUBNUCLEAR & MEDICAL PHYSICS

14:00 FORMATO

Measurement of the isotopic and nuclear composition of galactic cosmic rays with the PAMELA experiment

14:30 CUMANI

GAMMA-400: development of track reconstruction and trigger algorithms

14:50 CAFARO

Radon Prone Areas in Friuli Venezia Giulia

15:10 SALVINI

Double parton interactions in proton-deuteron collisions and hadron structure

15:40 PANIZZO

Z Polarisation asymmetry in bZ associated production at LHC

16:00 DOGO

Sources of DNA damage: comparison between radiation-induced damage and endogenous damage

16:20 CANDELISE

Study of the associated production of a Z boson and jets in pp collision with the CMS detector at LHC

16:50 LA LICATA

A Calibration Technique for CMS ECAL Calorimeter

17:10 SCHIZZI

Data-driven efficiency measurements in Z+jets studies at CMS

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Seminari di fine CICLO

4 Dicembre 2012, Aula 3B, Edificio H2bis

14:30 MONTANINO DAMIANA - NUCLEAR & SUBNUCLEAR PHYSICS

Study of the associated production of a Z boson and jets in pp collisions at $\sqrt{s} = 7$ TeV at
CMS

15:15 LEA RAMONA - NUCLEAR & SUBNUCLEAR PHYSICS

Study of hypernuclei production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ALICE
experiment at the LHC

16:00coffee break....

16:30 LOPEZ FRANCES CAROLINE - MEDICAL PHYSICS

Single photon counting system for mammography with synchrotron radiation

17:15 MOHAMMADI SARA - MEDICAL PHYSICS

Bio-medical X-ray imaging with Synchrotron Radiation: study and implementation of algorithms
related to phase sensitive techniques

5 Dicembre 2012, Aula V, Edificio A

9:00 DORIGO MIRCO - NUCLEAR & SUBNUCLEAR PHYSICS

Search for New Physics in the $B_{0_s} \rightarrow J/\psi \phi$ and $B_{0_s} \rightarrow \phi \phi$ Decays at CDF

9:45 VATTAKUNNEL SHAJI - ASTROPHYSICS

The cosmic star formation rate: Observational measures and modelization

10:30coffee break....

10:45 OLIVIERI GIORGIA - CONDENSED MATTER PHYSICS

Organic Electronic Devices: Investigation of the Electronic Transport Properties at the
Molecular Level

11:30 CAPOGROSSO VALENTINA - CONDENSED MATTER PHYSICS

Dimensionality and ordering effects on the electronic structure of low dimensional strongly
correlated electron transition metal oxides

12:15 NOVELLI FABIO - CONDENSED MATTER PHYSICS

In search of selective excitations for studying out-of-equilibrium properties in strongly
correlated electron systems and high temperature superconductors