

DIPARTIMENTO DI ASTRONOMIA
SCUOLA DI DOTTORATO IN ASTRONOMIA
Ph.D. workshop 2011

GIOVEDI' 1 DICEMBRE

AREA: EXTRAGALATTICO

Secondo Anno

ORE 9.00 **MATTEO BONATO**

Searching for primordial non-Gaussian signals in temperature and polarization CMB maps at Planck Surveyor satellite resolution and in gravitational lensing data

ORE 9.20 **ELISA PORTALURI**

Understanding the formation of nuclear stellar discs

ORE 9.40 **ELENA ZANINONI**

Gamma-Ray Bursts and their X-Ray and optical afterglow

ORE 10.00 **BARBARA LO FARO**

A Multiwavelength view of Galaxy Formation and Evolution through the physical characterization of the "active" phases

Primo Anno

ORE 10.20 **VALENTINA CALVI**

Constraining the luminosity function of faint undetected i-dropout galaxies

ORE 10.35 **SIMONA PAIANO**

A study of Unidentified Fermi Objects

AREA:TECNOLOGICO

Secondo Anno

ORE 10.50 **MARIA BERGOMI**

Wavefront sensors for astronomy and for the human eye

ORE 11.10 **ANNA SPONSELLI**

Study of the propagation of the orbital angular momentum of partially coherent light

Primo Anno

ORE 11.30 **STEFANO CAVAZZANI**

Remote sounding of atmospheric layer motions for site testing and photon propagation

AREA:STELLE E PIANETI

Secondo Anno

ORE 11.45 **MARIO DAMASSO**

A m-dwarf planet search programme using the photometric transit method: implementation of a new ground-based survey

ORE12.05 **LUCA MALAVOLTA**

The Metallicity of Globular Cluster M4 From Thousands of RGB, SGB and MS Stars

ORE12.25 **FABIO PINTORE**
X-Ray spectra and chemical abundances in ULXs

Primo Anno

ORE 14.00 **FIORANGELA LA FORGIA**
Calibration and spectrophotometric analysis of asteroids images from OSIRIS Rosetta spacecraft

ORE 14.15 **LUCA BORSATO**
Extrasolar Planets: N-body simulation and Timing Variations

ORE 14.30 **ALICE DE BIASI**
On the dynamics of proto-comets from Oort Cloud

Terzo Anno

ORE 14.45 **CAROLO ELENA**
Results of the SARG survey for planets in binaries

ORE 15.25 **VALERIO NASCIMBENI**
New techniques to detect and characterize transiting exoplanets

ORE 15.50 **MATTEO MILUZIO**
Infrared Supernova Search in Starburst Galaxies

ORE 16.30 **LUCA SANTORO**
Stellar rotation and the age determination: application to open clusters

ORE 16.55 **JASNA KRIVICIC**
Stellar evolution code with rotation

Secondo Anno

ORE 17.35 **ANNA FELTRE**
Multiband emission of active galaxies and nuclei and their contribution to the cosmic background radiation

VENERDI' 2 DICEMBRE

AREA EXTRAGALATTICO

Terzo Anno

ORE 9.00 **BENEDETTA VULCANI**
The evolution of the galaxy mass assembly and star formation activity from $z=1$ to $z=0$ as a function of environment

ORE 9.40 **ROSA CALVI**
Groups of galaxies: a key environment for galaxy evolution

ORE 10.05 **LETIZIA CASSARA'**
High redshift galaxies: theory versus observations

ORE 10.45 **LUCIA MARCHETTI**

Normal and Active Galaxy Luminosity Functions based on Spitzer and Herschel Space Observatory Cosmological Surveys

ORE 11.10 **UMBERTO BUONOMO**

Tree-SPH code EvoL: profiling and optimization

AREA:TECNOLOGICO

ORE 11.50 **ALESSANDRO BRUNELLI**

Development of optics instruments for dust and fluid tomographic analysis in space environment

ORE 12.30 **VALENTINA VIOTTO**

From 8(m) to 8(mm): wavefront sensing from cosmological to human scale