

# Giornate di Osservatorio (OABO) 18-19 Febbraio 2016

## Aula della Specola via Zamboni 33

### 18 February 2016 – First Day

#### \*\*\* 9:00 Start \*\*\*

- Andrea Comastri** Introduction (10 minutes)
- Carlotta Gruppioni** The role of AGN in galaxy evolution: the Infrared perspective, from low to high redshift (12 min. + 3 min. for questions)
- Lucia Pozzetti** Galaxy Surveys @ 2015: 'Back to the Future' (12+3 min.)
- Elena Zucca** Handling data in large galaxy surveys for optimizing science (12+3 min.)
- Micol Bolzonella** The various landscapes of the life of galaxies from spectroscopic galaxy surveys (12+3 min.)
- Sandro Bardelli** The external data: From Euclid to SKA (12+3 min.)
- Alberto Cappi** Clustering of galaxies and clusters and its cosmological implications (12+3)
- Stefano Ettori** The Galaxy Clusters in the Hot Universe (12+3 min.)

#### \*\*\* 11:10 - 11:30 Coffee break \*\*\*

- Massimo Meneghetti** Gravitational Lensing @ OABO (12+3 min.)
- Eros Vanzella** High Redshift Galaxies and Cosmic Reionization (12+3 min.)
- Roberto Gilli** The physics, environment and evolution of early supermassive black holes (12+3 min.)
- Marco Mignoli** I love the smell of Carbon+++ in the morning... (12+3 min.)

#### \*\*\*\*\* LOIANO \*\*\*\*\*

- Giovanna Stirpe** Overview and perspectives (12+3 min.)
- Italo Foppiani** Remote Control Status (10 min.)
- Alberto Buzzoni** L'attivit  di Space Situational Awareness: progetti in corso e prospettive (12+3 min.)

**\*\*\* 13:15 - 14:15 LUNCH \*\*\***

<b>Angela Bragaglia</b>	Stellar clusters & stellar surveys (12+3 min.)
<b>Eugenio Carretta</b>	Multiple population in globular clusters and the formation of the Galaxy (12+3 min.)
<b>Emanuele Dalessandro</b>	Globular clusters: hot stellar populations and internal dynamics (12+3)
<b>Giuseppe Altavilla</b>	The Spectrophotometric Standard Stars Grid for the Gaia absolute calibration (12+3 min.)
<b>Paolo Montegriffo</b>	Algoritmi di calibrazione di Gaia (12+3 min.)
<b>Gisella Clementini</b>	Projects on the cosmic distance scale and stellar populations based on variables (12+3 min.)
<b>Giuliana Fiorentino</b>	Local cosmology, constraints from variable stars and preparing for the ELTs era (12+3 min.)
<b>Livia Origlia</b>	Cool stellar populations in the Galaxy center and beyond (12+3 min.)

**\*\*\*16:30- 16:45 Coffee Break \*\*\***

**\*\*\*\*\* DIVULGAZIONE\*\*\*\*\***

<b>Sandro Bardelli</b>	Stato e prospettive (15+5 min.)
<b>Antonio De Blasi</b>	Scuole, visite ai telescopi e Planetario trasportabile (10 min.)
<b>Silvia Galletti</b>	Planetario, Aula Didattica e attivita' didattica ai telescopi (10 min.)

**17:30 End of first day**

**19 February 2016 – Second Day**

**\*\*\* 9:00 Start \*\*\***

<b>Felice Cusano</b>	Satellites of M31 and LBT (12+3 min.)
<b>Michele Bellazzini</b>	Relics of the hierarchical formation of galaxies in the Local Universe (12+3 min.)
<b>Monica Tosi</b>	Evolution of star forming dwarf galaxies (12+3 min.)
<b>Donatella Romano</b>	Chemical evolution models for our Galaxy and chemo-dynamics of Ultra Faint Galaxies (12+3 min.)
<b>Francesco Calura</b>	Feedback of wind-driven bubbles from star clusters to AGN (12+3 min.)

\*\*\*\*\*ICT\*\*\*\*\*

**Michele Gatti**            Calcolo (15+5 min.)

\*\*\*\*\*Administration\*\*\*\*\*

**Renata Abicca**            Le acquisizioni di beni e servizi per l'Osservatorio Astronomico di Bologna: contesto, aggiornamenti e prospettive (15+5 min.)

\*\*\* 10:55 - 11:30 Coffee Break \*\*\*

\*\*\*\*\*Technology\*\*\*\*\*

**Emiliano Diolaiti**        Ten years of instrumentation @ OABO (12+3 min.)

**Paolo Ciliegi**            MAORY instrument project for E-ELT (12+3 min.)

**Matteo Lombini**        MAORY instrument design (12+3 min.)

**Laura Schreiber**        MAORY adaptive optics (12+3 min.)

**Carmelo Arcidiacono**    Glass, silicon and bits: building blocks of Adaptive Optics for Astronomy (12+3 min.)

**Livia Origlia**            GIANO/TNG, MOONS/VLT, HIRES/E-ELT infrared spectrographs (12+3)

\*\*\* 13:15 - 14:15 LUNCH \*\*\*

\*\*\*\*\*Discussion\*\*\*\*\*

\*\*\* 16:00 END \*\*\*