

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

## 18 February 2016 – First Day

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

**Andrea Comastri** Introduction (10 minutes)

### \*\*\*\*\*MA1\*\*\*\*\*

**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 min.)

**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 \*\*\***

**\*\*\*\*\*MA2\*\*\*\*\***

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

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

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

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

**17:30 End of first day**

**19 February 2016 – Second Day**

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

- Felice Cusano** Satellites of M31 and LBT **(12+3 min.)**
- Michele Bellazzini** Relics of the hierarchical formation of galaxies in the Local Universe **(12+3 min.)**

- Monica Tosi** Evolution of star forming dwarf galaxies **(12+3 min.)**
- Donatella Romano** Chemical evolution models for our Galaxy and chemo-dynamics of Ultra Faint Galaxies **(12+3 min.)**
- Francesco Calura** 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.)**

**\*\*\* 11:15 - 11:30 Coffee Break \*\*\***

\*\*\*\*\***MA5**\*\*\*\*\*

- 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 min.)**

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

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

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