



## Session Program

18-22 May 2015

LIX Congresso della  
*Società Astronomica Italiana*

# LIX Congresso della Società Astronomica Italiana

## ***Astrofisica delle Strutture Cosmiche Barioniche***

Catania, Dipartimento di Fisica e Astronomia  
Via Santa Sofia, 64 95123 CATANIA (Italy)

## Tuesday 19 May

15:10

### Astrofisica delle Strutture Cosmiche Barioniche: I

**Session** | **Location:** Catania, Dipartimento di Fisica e Astronomia, Via Santa Sofia, 64 95123 CATANIA (Italy) | **Convener:** Francesca Zuccarello

15:10–15:30 **L'età e la rotazione delle stelle (Invited talk)**

**Speaker**

Alessandro C. Lanzafame

15:30–15:50 **Lo studio del Sole. sfide, obiettivi e sinergie (Invited talk)**

**Speaker**

Daniele Spadaro

15:50–16:20 **break**

16:20–16:40 **Il Sole come laboratorio (Invited talk)**

**Speaker**

Francesco Berrilli

16:40–16:50

**Non-linear propagation of MHD kink waves to the solar chromosphere. How close we are to solve the coronal heating problem**

**Speaker**

Marco Stangalini

16:50–17:10 **Evoluzione Stellare (Invited talk)**

**Speaker**

Sergio Cristallo

17:10–17:20

**Simulazioni magnetofluidodinamiche della formazione ed eruzione di filamenti solari**

**Speaker**

Francesco Zuccarello

17:20–17:30

**Investigating the physical properties of coronal mass ejections and related phenomena with white light and ultraviolet observations**

**Speaker**

Roberto Susino

17:30–17:40 **ASPIICS: an externally occulted coronagraph for PROBA-3**

**Speaker**

Silvano Fineschi

17:40

## Wednesday 20 May

11:30

### Astrofisica delle Strutture Cosmiche Barioniche: II

**Session** | **Location:** Catania, Dipartimento di Fisica e Astronomia, Via Santa Sofia, 64 95123 CATANIA (Italy) | **Convener:** Maria Francesca Matteucci

11:30-11:50 **Archeologia galattica (Invited talk)**

**Speaker**

Michele Bellazzini

11:50-12:10 **La scala di distanza cosmica (Invited talk)**

**Speaker**

Giuseppe Bono

12:10-12:30 **VIALACTEA: the Milky Way as a star formation engine (Invited talk)**

**Speaker**

Sergio Molinari

12:30-12:50 **Popolazioni multiple negli ammassi globulari (Invited talk)**

**Speaker**

Giampaolo Piotto

12:50-13:00

**An ICT and Data Mining framework for knowledge discovery in the ViaLactea project**

**Speaker**

Giuseppe Riccio

13:00

## Thursday 21 May

16:30

### Astrofisica delle Strutture Cosmiche Barioniche: III

**Session** | **Location:** Catania, Dipartimento di Fisica e Astronomia, Via Santa Sofia, 64 95123 CATANIA (Italy) |  
**Convener:** Fabrizio Nicastro

16:30-17:00 **First stars and black holes in the reionization epoch (Invited review)**

**Speaker**

Andrea Ferrara

17:00-17:30 **Mezzo intergalattico ad alto redshift (Invited review)**

**Speaker**

Valentina D'Odorico

17:30-17:50 **Surveys di galassie nel radio (Invited talk)**

**Speaker**

Paolo Ciliegi

17:50-18:05 **Shedding light on the early Universe with THESEUS**

**Speaker**

Filippo Frontera

18:05

## Friday 22 May

09:00

### Astrofisica delle Strutture Cosmiche Barioniche: IV

**Session** | **Location:** Catania, Dipartimento di Fisica e Astronomia, Via Santa Sofia, 64 95123 CATANIA (Italy) |  
**Convener:** Valentina D'Odorico

09:00-09:20

#### Osservazioni del mezzo intra-cluster (Invited talk)

**Speaker**

Silvano Molendi

09:20-09:40

#### Simulazioni di ammassi di galassie (Invited talk)

**Speaker**

Elena Rasia

09:40-09:55

#### Roaming Baryons: in and around Galaxies

**Speaker**

Fabrizio Nicastro

09:55-10:25

#### Formazione ed Evoluzione delle Galassie (Invited review)

**Speaker**

Andrea Grazian

10:25-10:40

#### SKA e la divulgazione scientifica (Invited talk)

**Speaker**

Eleonora Ferroni

10:40