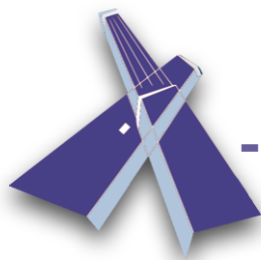


## **Session Program**

**8-13 Sept 2019**



# **- RAY ASTRONOMY 2019**

*Current Challenges and New Frontiers in the Next Decade*

**8-13 September 2019**

CNR/INAF Research Area, Bologna, Italy

## **X-RAY ASTRONOMY 2019**

### ***FUTURE MISSIONS***

## Thursday 12 September

16:25

### FUTURE MISSIONS: (1)

**Session** | **Location:** Area della Ricerca CNR-INAF via Gobetti 101 40129 Bologna ITALY

**16:25-16:50** **20 Years XMM-Newton: Scientific Achievements and Perspectives**

**Speaker**

Norbert Schartel

**16:50-17:15**

**20 years of Chandra Science, and a Look Forward to new Science Prospects**

**Speaker**

Dr Belinda Wilkes

**17:15-17:35**

**eROSITA on SRG**

**Speaker**

Dr Andrea Merloni

**17:35-17:50**

**The HERMES Project: Probing Space-time Quantum Foam and Hunting for Gravitational Wave Electromagnetic Counterpart"**

**Speaker**

Luciano Burderi

**17:50-18:05**

**The FORCE mission: a future Japan-lead mission for broadband X-ray imaging spectroscopy with high-angular resolution**

**Speaker**

Dr Koji Mori

**18:05-18:20**

**Multiple Image X-ray Interferometer Modules (MIXIM) and their Scalable Mission Plans from Sub-arcsecond to Subsub-arcsecond Resolution X-ray Images**

**Speaker**

Prof. Kiyoshi Hayashida

18:20

## Friday 13 September

09:00

### FUTURE MISSIONS: (2)

**Session** | **Location:** Area della Ricerca CNR-INAF via Gobetti 101 40129 Bologna ITALY

09:00-09:20

#### Athena: the Advanced Telescope for High Energy Astrophysics

##### Speaker

Kirpal Nandra

09:20-09:40

#### XRISM: mission status

##### Speaker

Makoto Tashiro

09:40-10:00

#### The Imaging X-Ray Polarimetry Explorer

##### Speaker

Martin Weisskopf

10:00-10:20

#### The Transient High-Energy Sky and Early Universe Surveyor (THESEUS)

##### Speaker

Lorenzo Amati

10:20-10:35

#### Understanding AGN feedback with XRISM and ATHENA

##### Speaker

Dr. Ciro Pinto

10:35

11:00

### FUTURE MISSIONS: (3)

**Session** | **Location:** Area della Ricerca CNR-INAF via Gobetti 101 40129 Bologna ITALY

11:00-11:20

#### Future NASA X-ray Astronomy Missions and Concepts

##### Speaker

Azita Valinia

11:20-11:40

#### Current Status and Plan of the enhanced X-ray Timing and Polarimetry (eXTP) Observatory

##### Speaker

Prof. Shuang-Nan Zhang

11:40