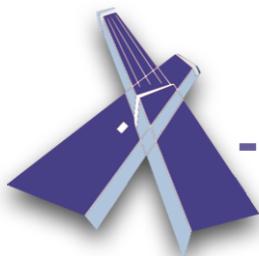


Session Program

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