



# - RAY ASTRONOMY 2019

*Current Challenges and New Frontiers in the Next Decade*

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CNR/INAF Research Area, Bologna, Italy

Contribution ID: 6

Type: **Invited**

## 20 Years XMM-Newton: Scientific Achievements and Perspectives

*Thursday, 12 September 2019 16:25 (25 minutes)*

With about 350 refereed papers published each year, XMM-Newton is one of the most successful scientific missions of ESA ever. The talk summarizes the status of the mission and introduces the main performance indicators, which characterize the scientific impact of the mission. The talk gives then an overview of recent research highlights, which are indicative of the main developments of current X-ray astronomy. Finally, the talk outlines possible research and observational challenges for XMM-Newton in the next decade.

### Topic

### Affiliation

ESA / XMM-Newton

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**Session Classification:** FUTURE MISSIONS