



# X-RAY ASTRONOMY 2019

*Current Challenges and New Frontiers in the Next Decade*

8-13 September 2019  
CNR/INAF Research Area, Bologna, Italy

Contribution ID: 293

Type: **Review**

## Physics of AGN

*Wednesday, 11 September 2019 10:10 (30 minutes)*

Recent advances in the physics of AGN will be discussed, including the likelihood that the pair thermostat operates and controls the temperature of the corona. Also new high density reflection models now give improved fits to X-ray spectra of AGN with black hole masses below 100 million Msun, enabling the surface density of the disk to be determined.

### Topic

Active Galactic Nuclei: accretion physics and evolution across cosmic time

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**Session Classification:** ACTIVE GALACTIC NUCLEI