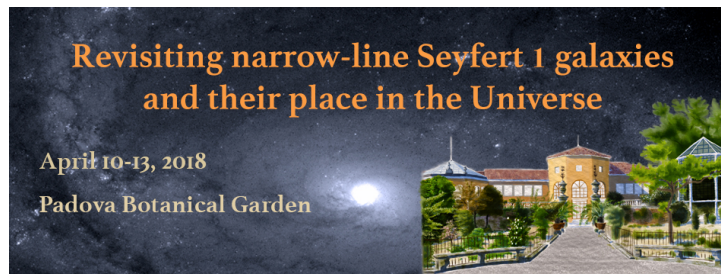


Revisiting narrow-line Seyfert 1 galaxies and their place in the Universe



Contribution ID: 59

Type: **Talk**

The nature of X-ray spectral variability in MCG-6-30-15

Thursday, 12 April 2018 16:40 (20 minutes)

The flux-flux plot (FFP) method is a model-independent way that allows to extract stable components from the X-ray spectra of AGNs showing strong variability. I will present in my talk the results obtained by applying this method to simultaneous XMM-Newton and NuSTAR observations of MCG-6-30-15 and we were able to identify a constant (over >4.5 days) component of the X-ray emission in this source. In addition, we identified the variable spectral component in this source that is consistent with a primary plus relativistic reflection that are modified by warm absorption. Instead, the constant emission consists of a blackbody ($kT \sim 0.1$ keV) responsible of the constant soft excess and a neutral reflection, from distant neutral material, dominating at energies above ~ 1.6 keV.

Motivation

Grant

no

Primary authors: KAMMOUN, Elias (SISSA - Trieste); Prof. PAPADAKIS, Iossif (University of Crete)

Presenter: KAMMOUN, Elias (SISSA - Trieste)