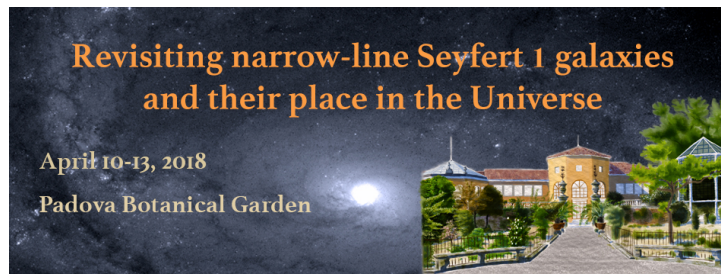


Revisiting narrow-line Seyfert 1 galaxies and their place in the Universe



Contribution ID: 36

Type: **Talk**

Relativistic spectroscopy of the extreme NLS1 IRAS 13224

Thursday, 12 April 2018 10:30 (20 minutes)

I will review results from the 2016 observing campaign on the most X-ray variable AGN, IRAS 13224. This source shows both extreme relativistic reflection from the inner accretion disk and an ultra-fast outflow, both variable on timescales of under an hour. As no other absorption features are present in the spectrum, we have a clean view of the inner accretion disk and the relativistic physics exhibited there. I will also discuss the implications of these results, and potential next steps for expanding our knowledge of accretion and outflows using NLS1s.

Motivation

Grant

no

Primary author: PARKER, Michael (ESA/ESAC)

Presenter: PARKER, Michael (ESA/ESAC)