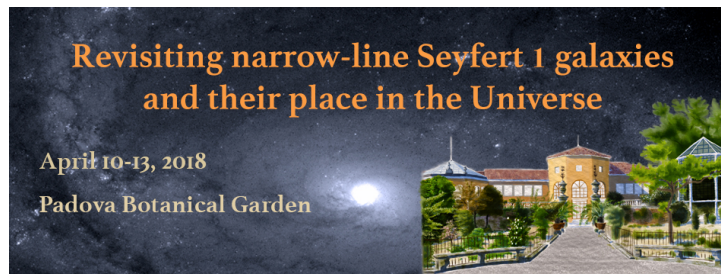


## Revisiting narrow-line Seyfert 1 galaxies and their place in the Universe



Contribution ID: 64

Type: **Talk**

### **Radio and X-ray variability of the NLSy1 Mkn 110**

*Tuesday, 10 April 2018 17:00 (20 minutes)*

The structure and energetics of the innermost regions of black holes are still matter of debate. In particular a lot of the attention is given to the understanding of the radiative mechanisms in coronal plasma around the black hole, as well as its connection to the accretion disk and the outflowing material in winds and jets. The simultaneity of the radio and X-ray monitoring is fundamental to obtain meaningful correlations between the two bands, and for seeking a possible common origin. We have identified the NLSy1 Mkn110 as an ideal laboratory to investigate this issue. We present our results from the multi-frequency campaign of this source, in the effort of establishing a connection between the inflow and the outflow.

#### **Motivation**

#### **Grant**

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