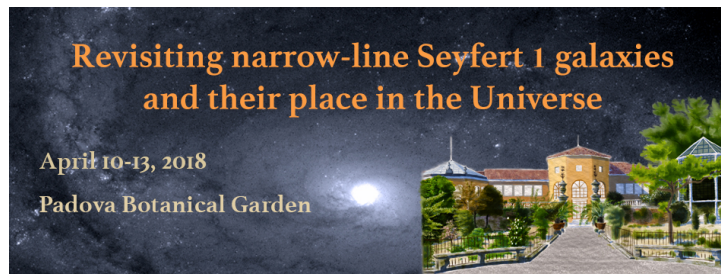


Revisiting narrow-line Seyfert 1 galaxies and their place in the Universe



Contribution ID: 47

Type: **Talk**

Long-term spectral optical monitoring of Ark 564

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

Here we present the 12-year spectral optical monitoring campaign of the NLSy1 galaxy Ark 564. The research was focused on the analysis of line and continuum light curves with the aim to study the physics of the broad line region. Special attention was given to the analysis of the ionized iron emission, since in this object these lines are strong and can be distinguished from other near-by emission lines. Some interesting results are outlined, such as the lack of correlation between the broad Balmer lines, or different degrees of correlation between the continuum flux and Fe II emission from different spectral multiplets.

Motivation

Grant

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