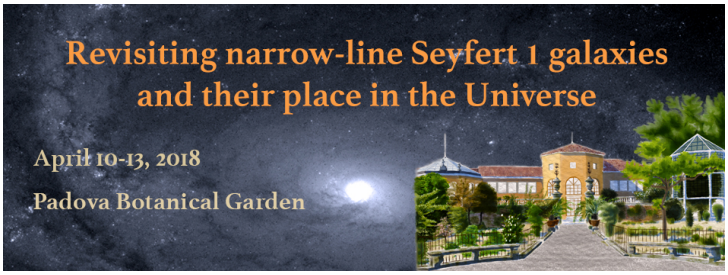

Contribution ID: **61** Type: **Talk**

Parsec-scale Nuclear Radio Structures in Seyfert Galaxies

Wednesday 11 April 2018 15:10 (20 minutes)

I will present results from multi-frequency Very Long Baseline Interferometry (VLBI) observations of Seyfert galaxies. These observations are probing the parsec-scale nuclear structures in these spiral galaxies. They are revealing the presence of a variety of weak radio outflows in these galaxies and the tentative presence of dual radio cores which could be dual accreting supermassive black holes, in one of them. The properties of some of the weak outflows are more consistent with being bases of coronal winds rather than synchrotron self-absorbed bases of relativistic jets. I will discuss the different parsec-scale radio structures that we observe in these low luminosity AGN.

Motivation

Grant

no

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Presenter: KHARB, Preeti (NCRA-TIFR)