



Contribution ID: 25

Type: **Talk**

Invited Talk: Optical and high-energy properties of radio-loud Narrow-line Seyfert 1 galaxies

Wednesday, 11 April 2018 09:30 (40 minutes)

Radio-loud Narrow-line Seyfert 1 (NLS1) galaxies are important new laboratories for studying the mechanism of radio-jet formation at high accretion rates and low black hole masses, in a regime very different from classical blazars. Their strong thermal and non-thermal spectral components shed new light on the jet-disk connection, through spectral and SED modelling, while the gamma-ray detection several radio-loud NLS1s informs us about the emission processes of gamma-rays in the central engine of low-mass AGN.

While NLS1 galaxies have been studied thoroughly at optical and X-ray energies for decades, the populations of radio-loud, and gamma-ray emitting NLS1 galaxies have only emerged recently. This talk provides a review of the optical and high-energy properties of this intriguing class of AGN, including implications for NLS1 models, large-scale ionized gas outflows, and multi-wavelength emission mechanisms.

Motivation

Grant

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