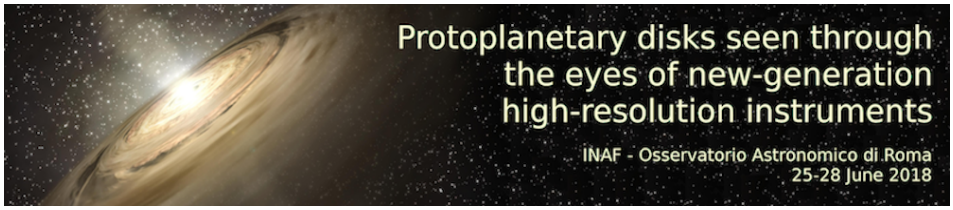

Contribution ID: **55** Type: **not specified**

Properties of a Jet from the T Tauri Star TH 28: a Combined Spectroscopic Study With MUSE and X-Shooter

Wednesday, 27 June 2018 17:40 (20 minutes)

The second generation ESO VLT instruments MUSE and X-Shooter offer valuable tools for examining the structure and origin of jets. MUSE is an integral field spectrograph with a relatively large field of view and a significant spectral range. Thus numerous important forbidden emission lines can be simultaneously studied in a large portion of the jet. X-Shooter is a broadband spectrograph with an even larger spectral range than MUSE, extending into the J, H and K NIR bands. X-Shooter has proven to be especially useful for simultaneous accretion and outflow studies of jet driving source. This poster will present a MUSE pilot study of two jets, the jet from the T Tauri star SZ 102 and the irradiated jet HH 399. In the case of SZ 102 several epochs of X-Shooter data were also available which allowed us to combine both instruments to comprehensively investigate this jet.

Presenter: MURPHY, Aisling

Session Classification: Jets and winds (chair C. Codella)