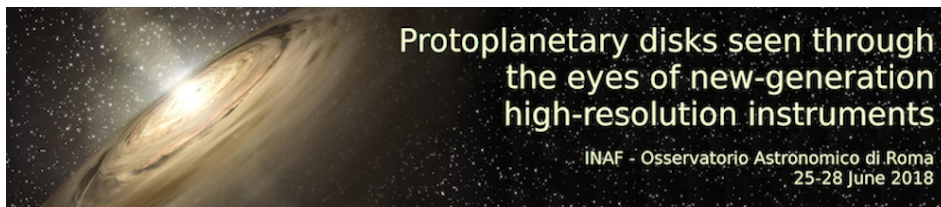


Protoplanetary disks



Contribution ID: 6

Type: Talk

SHARK-VIS: the High Resolution Visible Imager of LBT

Tuesday, 26 June 2018 15:00 (20 minutes)

The fore coming SHARK-VIS high resolution imaging camera will exploit the LBT adaptive optics performance at visible wavelengths (400-1000 nm) yielding a diffraction limited psf core with a FWHM of 18 mas at H-alpha. This resolution together with the high frame rate and the use of peculiar post processing techniques will allow the observer to reach contrast of $1e-5$ at 100 mas on sources brighter than Rmag 12. An overview of the project, whose first light is foreseen in the first half of 2019, and the expected performances will be presented related to selected science cases.

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Session Classification: Protoplanetary disks (chair A. Frasca)