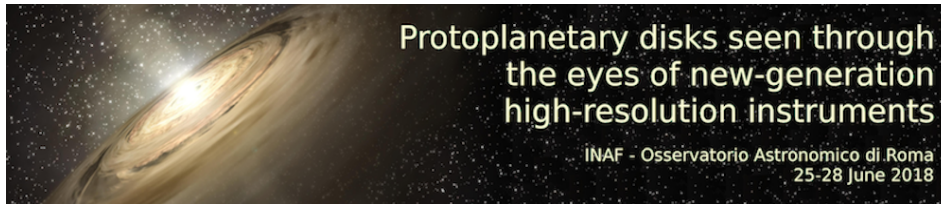


Protoplanetary disks



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Five years that changed our optical/NIR view of protoplanetary disks (I)

Tuesday, 26 June 2018 15:20 (30 minutes)

The onset of optical/NIR surveys of young stars imaged with Polarimetric Differential Imaging (PDI) has been a game changer for our understanding of protoplanetary disks. Thanks to the contributed effort of Subaru/HiCiao, VLT/NACO, VLT/SPHERE, and GPI, we could resolve with unprecedented resolution several sub-structures at the disk surface from few to hundreds of au from the star. We show the method and the improvement of this type of observations and discuss the implications to the recurrent existence of these disk features.

Presenter: GARUFI, Antonio

Session Classification: Protoplanetary disks (chair A. Frasca)