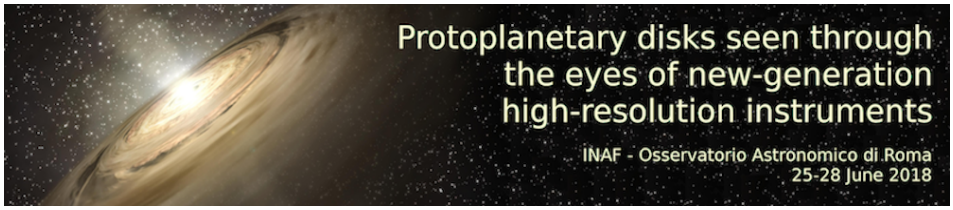

Contribution ID: **48** Type: **Talk**

Overview of JWST and its GTO programs on star and planet formation (I)

Wednesday, 27 June 2018 14:30 (20 minutes)

The James Webb Space Telescope (JWST) is due for launch in 2020. Optimized for near to mid-infrared wavelengths, it is the largest telescope ever put in space. One of the main science drivers is understanding star and planet formation: thus the study of outflows and disks is central not only to the JWST guaranteed time program but will also be the focus of many open time proposals. After briefly reviewing the four main instruments: NIRCAM, NIRSPEC, NIRISS and MIRI, the broad goals of the star and planetary formation guaranteed time
programs will be outlined including the study of chemical processes in the inner disk, the effects of metalicity on accretion, and the atomic and molecular properties of embedded outflows.

Presenter: CARATTI O GARATTI (FOR TOM RAY), Alessio

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