



Contribution ID: 163

Type: **not specified**

The Italian SKA Regional Centres: the development plan

Monday, 27 November 2023 15:40 (20 minutes)

SKAO is expected to provide the researchers with order 300 PBy/year of data from the SKA low-frequency telescope (SKA-LOW) and 300 PBy/year of data from the SKA high-frequency telescope (SKA-MID) during the first few years of activity. The advanced analysis of all those data will take place within a network of so-called SKA Regional Centres (SRCs), which, under the 'Findable, Accessible, Interoperable, and Reusable' (FAIR) principles, will also take the responsibility for curating and archiving both the Observatory Data Products and user-generated Advanced Data Products, as well as for helping the researchers in the estimate of the needed computational effort at the proposal stage.

This contribution describes the perspectives of the Italian contribution to this international network. An initial SRC Italian node of the global network is expected to be conceived and later established in a 2 timescale. It will primarily focus on by-then existing data, mainly from the SKA precursors and pathfinders.

Research area

Other

Primary author: POSSENTI, Andrea (Istituto Nazionale di Astrofisica (INAF))

Presenter: POSSENTI, Andrea (Istituto Nazionale di Astrofisica (INAF))

Session Classification: Plenary - The SKA Observatory and the Italian involvement