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Visualization Tools

Tuesday, 28 November 2023 12:30 (20 minutes)

This talk delves into the pivotal role of Visualization Tools within the Square Kilometre Array (SKA) Regional Centres (SRCs). We will explore the groundwork laid by the agile “Orange” team, specifically in their efforts with the prototype “Visualization of SKA data with a high volume of users and a substantial amount of data.” The discussion will navigate the intricacies of managing a high volume of users and extensive data, covering key milestones, such as: contribution to defining visualization use cases for SRCNet; comprehensive review of Visualization Tools, including dependencies and interfaces; collection and integration of data products and formats from precursors and pathfinders; adaptation of Visualization Tools to align with SRC architecture and its data lake; testing and deployment of visualization tools and data access services across SRC nodes.

The narrative will conclude with an exploration of the adaptation of VisIVO (Visualization Interface for the Virtual Observatory) for optimal integration within the SRC framework.

Research area

Other

Primary author: BECCIANI, Ugo (INAF)

Co-authors: VITELLO, Fabio Roberto; TUDISCO, Giuseppe (Istituto Nazionale di Astrofisica (INAF))

Presenter: BECCIANI, Ugo (INAF)

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