

## Porting of VisIVO Visual Analytics on HPC-type computing infrastructure

*Tuesday 27 May 2025 09:00 (20 minutes)*

We present the latest developments of VisIVO Visual Analytics, an interactive visualization tool that is evolving to meet the needs of the SKA and similar large-scale astrophysical projects. Originally designed as a desktop application, VisIVO is transitioning to a client-server architecture, allowing it to efficiently run remote visualization pipelines on remote servers. This shift also enable the ability to distribute computational workloads across multiple nodes in high-performance computing (HPC) clusters for parallel visualization pipelines.

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**Session Classification:** Key Science Projects