



# IVOA Interop

**May 25-28, With Intro session May 24 !!**

Registration page: <https://indico.ict.inaf.it/e/ivoa/interop-may-2021>

Attendee Abstract Link: <https://indico.ict.inaf.it/event/1441/abstracts/>

Schedule: <https://wiki.ivoa.net/twiki/bin/view/IVOA/InterOpMay2021>

## Highlights

### IVOA Newcomers session - May 24 @ 20:30 UTC

*Aiming at newcomers to the VO, we will present a scientific use case using several VO-standards and protocols. We will also explain the process of developing these standards and how Working Groups and Interest Groups relate to this process. We hope this session will help newcomers understand the structure of the IVOA and how InterOp meetings are organized in order to get the most out of it.*

### Mini-Workshop (May 24-27@13:30UTC) - Use of Science Platforms for the dissemination of Cosmological Simulations

*A Science Platform is an environment providing advanced functionality to analyze and process large and complex data-sets close to the data. In recent years the Grid and Web Services working group has been focusing on Science Platforms as a complementary approach to downloads that are traditionally still part of our standardization efforts. As data sets are getting ever larger and more complex, for many use cases it becomes imperative to bring analysis to the data.*

*In this workshop we want to bring together scientists, experts in computational Cosmology, VO experts and SP developers to discuss current implementations and ideas for their future development. In particular we want to identify areas where a common, standardized approach might benefit the community, which the IVOA could take up in its efforts. This may include metadata standards for discovery, or standards for file formats, compute environments, or data access libraries.*

### Mini-Workshop (May25-28@15:00UTC) - Data Model strategy to adopt model mapping in VOTables

*The DM Working Group is planning a workshop focused on the strategy to adopt model mapping in VOTables. The DM Working group is working hard to meet the needs of the community on this topic both now and in the future and encourage those thinking and needing DataModels to get involved.*

*We have a few interesting cases involving time series, standard properties of source catalogs and combined data. The workshop is planned to take place as 3 focus sessions at the May Interop. The Workshop topics include:*

- Presentation of the DM landscape*
- Presentation of the different proposals*
- Presentation of the scientific vision on the DM usage in the VO*
- Discussions*