IVOA Interoperability Meeting
May 8 - 12, Bologna, Italy

Registration: https://indico.ict.inaf.it/e/ivoa/interop-may-2023

Programme: https://wiki.ivoa.net/twiki/bin/view/IVOA/InterOpMay2023

Highlights

IVOA Newcomers session - (May 8 @ 16:00 UTC) — 1 session

For those new to the Virtual Observatory and its capabilities, we present a little science and a little history. First, we will work through a live demo of a science use case with some of the open source tools built on the VO standards and protocols. Then, we will trace the history of the IVOA and "How We Got to Where We Are". We hope this session will help newcomers understand the structure of the IVOA, our history, and how our InterOp meetings are organized, so that they can get as much out of this meeting as the oldtimers.

DOI Plenary (May 10 @14:00 UTC) — 1 session

The Digital Object Identifiers (DOIs) session will focus on creating them and using them. DOIs play a pivotal role in both FAIR data and Open Science, providing a key technology that enables resources like data sets and software to be uniquely and permanently identified - and thus citable in the literature. When data are cited by DOI, the metadata associated with the DOI can enable authors, editors, funding agencies, and associated institutions to trace the impact of the research data made available through the Virtual Observatory. This session will explore all aspects of producing and exploiting DOIs and their associated metadata for Open Science and Interoperability through the Virtual Observatory.

Science Platform Plenary (May 09 @09:00 UTC / May 11 @14:00 UTC) — 2 sessions

The Science Platform sessions will explore the state of the art of science platforms in astronomy and how the IVOA can contribute. The invited panelists will be addressing key questions related to the development of their science platforms, including:

* What aspects of the IVOA worked ?
* What aspects of the IVOA didn't work ?
* What does the IVOA need to do next ?

The session will begin with presentations from each panelist, and a panel discussion will follow.

The mission of the IVOA is to facilitate the international coordination and collaboration necessary for the development and deployment of the tools, systems and organizational structures necessary to enable the international utilization of astronomical archives as an integrated and interoperating virtual observatory.