



Abstract ID : 7

Education, Virtual Observatory and Astronomical Data

Content

We present two projects that have been working on Astronomy Education using Archival Data and Virtual Observatory tools. Both these projects and possible extensions of these can be done in collaboration with IAU-OAD and the IVOA. In terms of data analysis and VO Tools, we covered Python, Astropy, TopCat, Aladin, Esasky, R, Machine Learning and Big Data. The data used was Gaia, SDSS, HST, Kepler, etc. We introduced students to high-quality archival astronomy data from various facilities, ground and space-based. It involved a variety of speakers from India and abroad on Virtual Observatory Tools, Data Archives and Science cases. All the sessions were recorded and posted online. We propose a coordination between various worldwide attempts in this domain that will be of immense benefit to students and teachers.

Preferred talk time

9:00 hrs UTC - 2:00 hrs UTC

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Track Classification: Education

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