

ATSOA Schedule - 2021

Mon May 17		Tue May 18		Wed May 19		Thu May 20		Fri May 21		Sat May 22		Sun May 23		Mon May 24	
THEME	Discussions on General Astronomy and Basics of Optical Astronomy	Stars: Formation and Evolution	Stellar Systems		Theoretical Astrophysics and Extragalactic Astronomy		Multiwavelength Astronomy and Atmospheric Physics		Facilities at ARIES and Science Cases		Upcoming facilities		Final day		
Session Chair	Kuntal M.	Kaushal S.	Varun		Shilpa S.		Prajjwal R.		Virendra Y.		Ritesh P.		Aarti F. + Sindhu P.		
09:30 - 09:40	Welcome Address by the Director	Astronomical Co-ordinate Systems (Suvendu R.)	Interstellar Medium and Star Formation (Neelam P.)		Theoretical Astrophysics (Indranil C.)		Basics of Radio Astronomy (Amitesh O.)		An Overview of 3.6m DOT (Brijesh K.)		An overview of 30-m Telescope (TMT) Project (Shashi P.)		Taking Astronomy to the General Public + Virtual Tour of ARIES facilities (Virendra Y.)		
09:40 - 09:50	School Overview (Kuntal M.)														
09:50 - 10:30	What is Astronomy, A Brief History (Indranil C.)														
10:30-10:45	Short Break														
10:45-11:45	Optical Astronomy (Brijesh K.)	Stellar Motions (Ramakant Y.)	Final Stages of Stars (Kuntal M.)		An Introduction to Active Galactic Nuclei (AGN) (Vaidehi P.)		An Introduction to Sun and Space Weather (Vaibhav P.)		4m ILMT (Brajesh K.)		Aditya L1 Mission (Dipankar B.)		Interactive Session with RSs and PDFs		
11:45-12:00	Short Break														
12:00-13:00	Optical Telescope (Brijesh K.)	Stellar Structure and Evolution (Jeewan P.)	Exoplanetary Systems (Yogesh J.)		Cosmological Distances (Priyanka J.)		Atmospheric Science Facilities (Manish N.)		Solar Observing Facilities (Dipankar B.)		Radiative Processes (Pankaj K.)		Feedback, Concluding Remarks, and Opportunities at ARIES (Director)		
13:00-14:00	Lunch Break														
14:00-15:00	Photometry and the Tools - I (Dimple)	Demo-Session (Photometry - Dimple)	Astronomical Spectroscopy - I (Amitesh O.)		Astronomical Spectroscopy - II (Amit K.)		Machine Learning Applications in Astronomy (Kaushal S.)		X-Ray Astronomy (Varun)		Solar Physics Demo (Rakesh M.)				
15:00-16:30	Demo-Session (Photometry - Dimple)	Astronomical Polarimetry +Demo session (Bharti A. & Sadhana S.)	Demo-Session (Spectroscopy - Amit K.)		Demo-Session (Spectroscopy - Amit K.)		Demo-Session (Machine Learning - Kaushal S.)		Demo-Session (X-ray Astronomy - Varun)						
	End of the day														