

Resonance Science Outreach Program

Organized by
Indian Academy of Sciences, Bangalore & University of Kashmir, Srinagar
October 10 - 14, 2023

Oct 10, 2023		
09:00 - 10:30	Registration and Inauguration	
10:30 - 11:00	Tea / Coffee	
11:00 - 13:00	Anil Bhardwaj	Indian Planetary Missions
13:00 - 14:00	Lunch	
14:00 - 15:30	Satyajit Rath	Lessons about immunity from the Covid pandemic
15:30 - 16:00	Tea / Coffee	
16:00 - 17:30	Kaneenika Sinha	Mysterious questions about prime numbers

Oct 11, 2023		
09:00 - 10:30	Amitabh Joshi	What is Natural Selection (and why it is not 'Survival of the Fittest')?
10:30 - 11:00	Tea / Coffee	
11:00 - 12:30	Nissim Kanekar	Atomic Hydrogen in galaxies, nine billion years ago
12:30 - 14:00	Lunch	
14:00 - 15:30	K S Viswanathan	
15:30 - 16:00	Tea / Coffee	
16:00 - 17:30	Manish Jain	Physics demonstrations
18:00 - 19:30	Editorial Board Meeting	

Oct 12, 2023		
09:00 - 10:30	Manish Jain	
10:30 - 11:00	Tea / Coffee	
11:00 - 12:30	Srinivas Dharavath	Synthesis of New Green High Energy Density Materials with Fine-tuned Properties
12:30 - 14:00	Lunch	
14:00 - 15:30	Jaishri Sanwal	The Rock: Tangible Trace of the Earth's Past and Future
15:30 - 16:00	Tea / Coffee	
16:00 - 17:30	Geetha Venkataraman	Mathematics in the Real World

Oct 13, 2023		
09:00 - 10:30	Indumathi D	What is the Universe made of? How do we know this?
10:30 - 11:00	Tea / Coffee	
11:00 - 12:30	Kavita Isvaran	
12:30 - 13:30	Lunch	
13:30 - 17:30	Outdoor Astronomy / Field Trip	

Oct 14, 2023		
09:00 - 10:30	Uma Shaanker	
10:30 - 11:00	Tea / Coffee	
11:00 - 12:30	Vandana Bhalla	From Molecule to Supramolecule: A beautiful journey of Organic Chemistry
12:30 - 14:00	Lunch	

14:00 - 15:30	Aekta Aggrawal	Mathematics of Traffic and Crowd Flow
15:30 - 16:00	Tea / Coffee	
16:00 - 17:30	Ramanujam Srinivasan	The Concept of a Bacterium : Stanier to Shapiro
17:30 - 18:00	Closing	