

Public Engagement in Astronomy in the Pandemic Era

2-4 August 2021

Workshop Schedule

[https://us02web.zoom.us/j/86530872449?
pwd=amtKeGRvN0I4Z0dZUjcxeDhld3BNQT09](https://us02web.zoom.us/j/86530872449?pwd=amtKeGRvN0I4Z0dZUjcxeDhld3BNQT09)

Zoom Meeting ID: 865 3087 2449; Passcode: 23421
Youtube live stream [link](#)

Day 1
2 Aug

Session 1: Astronomy from your home

(Chair: Aniket Sule)

- 9.45-10.10 Welcome by Director & Dean, IIA and President, ASI, Introduction to the workshop
- 10.10-10.30 Geeta Mahashabde (Navnirmiti Learning Foundation)
Day Time Astronomy for Public Engagement (invited)
- 10.30-10.40 Sagar Gokhale (Jyotirvidya Parisanstha)
Nationwide experiment to estimate size of earth using Eratosthenes's method
- 10.40-10.50 Priya Hasan (Maulana Azad National Urdu University)
Shristi@Home: Astronomy Education and Outreach during the pandemic
- 10.50-11.00 Arvind Kudla (Govt. H.P. School, Moodambailu, & BGVS Karnataka)
Understanding the shapes of the moon: Connecting cultural festivals with calendars
- 11.00-11.10 VSS Sastry
Astronomy engagement through residential associations
- 11.10-11.15 Lakshmi BR (Jawaharlal Nehru Planetarium, Bengaluru)
Non formal Science educational activities during the Pandemic Era (lightning talk)
- 11.15-11.20 Seema Pooranchand
A window of Astronomy in the gated communities (lightning talk)
- 11.20-11.30 Questions and discussion
- 11.30-11.45 BREAK



Day 1
2 Aug

Session 2: Large scale programs

(Chair: Prajval Shastri)

- 11.45-12.05 R. Ramanujam (TamilNadu Science Forum & visitor at Azim Premji University)
Scientists as citizens: Lessons from the pandemic (invited)
- 12.05-12.15 Madhusudan H.R. (Jawaharlal Nehru Planetarium, Bengaluru)
Teaching Science Effectively through online means
- 12.15-12.25 Subhankar Chakraborty (Indian Institute of Science & BGVS Karnataka)
Learn to learn: Addressing learning and engaging with science during the inequity of access
- 12.25-12.35 Questions and discussion
- 12.35-2.00 LUNCH BREAK

Day 1
2 Aug

Session 3: Using media in novel ways

(Chair: Samir Dhurde)

- 2.00-2.10 Indulekha Kavila (Mahatma Gandhi University)
(1) Pedagogical package for interdisciplinary projects for students (2) Using old media in new ways – a case for the radio
- 2.10-2.20 Atharva Pathak (Jyotirvidya Parisanstha)
Chasing the Sun around the globe
- 2.20-2.30 A. Manikkavelan (Galileo Science Centre, Madurai)
Cosmic Voyages in the times of the pandemic
- 2.30-2.40 Asmita Redij (Homi Bhabha Centre for Science Education)
A paper (news)letter
- 2.40-2.50 Siva Shakthi (IISER Trivandrum & No Nonsense Science Club)
Astronomy outreach: a multilingual approach
- 2.50-3.00 Rashmi Sheoran (Indian Science Communication Society)
Using social media to engage with students

- 3.00-3.10 Sandeep Kataria (Shanghai Jiao Tong University)
My experiences with astronomy outreaches through school visits, online zoom sessions and e-magazines
- 3.10-3.15 Sushan Konar (former Visiting Scientist, NCRA)
The Musings (lightning talk)
- 3.15-3.25 *Questions and discussion*

Day 2
3 Aug

Session 4: Targetting school students
(Chair: Ravinder Banyal)

- 10.00-10.20 P. Varuni (Institute of Mathematical Sciences)
Understanding geography and astronomy through shadow observations (invited talk)
- 10.20-10.30 Anand MY (Jawaharlal Nehru Planetarium)
Astronomy educational activities at JNP during COVID19
- 10.30-10.35 Sindhu Kariappa (CLT India)
Introducing astronomy into CLTe-Patashale Digital Library (lightning talk)
- 10.35-10.40 Vineet Vaisan (Christ University)
Creating a new generation of Astronomy Ambassadors: an astronomy outreach workshop for high school students (lightning talk)
- 10.40-10.45 MJ Rajeevagowda (Govt HP School Cheemangala, BGVS Karnataka)
Sundial observers: how children designed experiments to understand the Earth's rotation (lightning talk)
- 10.45-10.55 *Questions and discussion*
- 10.55-11.15 BREAK

Day 2

3 Aug

Session 5: Promoting amateur astronomy

(Chair: Chrisphin Karthick)

- 11.15-11.25 Ajay Talwar (Amateur Astronomers Association Delhi)
Night sky 'Live' in your home screens (location and instrumentation)
- 11.25-11.35 Atul (Poornaprajna College, Udupi)
Taking Astronomy to public - e-Activities and Initiatives by PAAC
- 11.35-11.45 Apoorva Prakash (Young Innovators Educational Services Pvt Ltd)
Learning astronomy during the pandemic
- 11.45-11.55 Pravin Shinde (Teacher, Govt School)
Geo-Science Club activities
- 11.55-12.05 D. Aravindaraja (Artchouna Soupraya Naikar Govt High School)
Role of Astronomy in the fight against the COVID-19 Pandemic
- 12.05-12.10 Mamta Gulati (Thapar Institute of Engineering & Technology)
Fun of learning: shift from offline to online mode during pandemic (lightning talk)
- 12.10-12.15 Jasjeet Bagla (IISER Mohali)
Sky watching over zoom (lightning talk)
- 12.15-12.20 Krishna Kumar Kowshik (MP Birla Institute of Fundamental Research)
Astronomy through virtual learning aids for the students, teachers and public (lightning talk)
- 12.20-12.30 Questions and discussion
- 12.30-2.00 LUNCH BREAK

Day 2
3 Aug

Session 6: Adapting online methodologies

(Chair: Niruj Mohan Ramanujam)

- 2.00-2.20 Samir Dhurde (Inter-University Centre for Astronomy & Astrophysics)
Reaching out while staying distanced: some positive ideas (invited talk)
- 2.20-2.40 T.V. Venkateswaran (Vigyan Prasar)
Challenge into opportunity: astronomy communication during the pandemic, a case study (invited talk)
- 2.40-2.50 Disha Sawant (Pune Knowledge Cluster)
Citizen Science with Pune Knowledge Cluster
- 2.50-3.00 Jayant Ganguly (Regional Science Centre and Planetarium, Calicut)
Astro Museospaces and Stargazing thru Audio Cast
- 3.00-3.10 Atharva Pathak (Inter-University Centre for Astronomy & Astrophysics)
Use of Apps and Video series for effective Astronomy Outreach and Pro-Am Engagement
- 3.10-3.15 Hari Om Vats (Space Education and Research Foundation)
Activities of Space Education and Research Foundation (lightning talk)
- 3.15-3.25 *Questions and discussion*

Day 3
4 Aug

Session 7: Institutional experience

(Chair: Harvinder Kaur Jassal)

- 10.00-10.10 J.K. Solanki (National Centre for Radio Astrophysics)
Going beyond the normal boundaries of outreach activities in pandemic era
- 10.10-10.20 Sonal Thorve (Inter-University Centre for Astronomy and Astrophysics)
Stimulating Individual and Vernacular Engagement by Utilizing Online Tools

- 10.20-10.30 Virendra Yadav (Aryabhata Research Institute of Observational Sciences)
Outreach Activities at ARIES during the Pandemic: Some Insights for Future
- 10.30-10.40 Rohan Louis (Udaipur Solar Observatory)
Outreach Activity at Udaipur Solar Observatory in the wake of CoVid-19
- 10.40-10.50 Ebenezer Chellasamy (Indian Institute of Astrophysics)
Kodaikanal Observatory - a virtual tour
- 10.50-10.55 Azgar Ali (Jawaharlal Nehru Planetarium, Bengaluru)
Harnessing technology for activities based astronomy outreach (lightning talk)
- 10.55-11.00 Soumen Ghosh (Regional Science Centre, Bhubaneswar)
Pandemic broke glass ceiling to restrict astronomy outreach within local community, opens opportunity to science centre engage millions digitally (lightning talk)
- 11.00-11.10 *Questions and discussion*
- 11.10-11.30 BREAK

Day 3

4 Aug

Session 8: Open discussion

(Moderators: Aniket Sule and Niruj Mohan Ramanujam)

- 11.30-1.00 Discussion with introductory talks by Sabyasachi Chatterjee and R. Ramanujam
- 1.00-2.30 LUNCH BREAK

Day 3

4 Aug

Session 9: Discussion in Kannada

(Moderators: BS Shylaja and Kollegala Sharma)

- 2.30-4.00 Discussion with an introductory talk by Prajval Shastri

For any questions, please contact outreach@iiap.res.in