



Inter-University Centre for Astronomy and Astrophysics **NATIONAL SCIENCE DAY CELEBRATIONS**

Open Day for Public - Tuesday, February 28, 2017

We welcome you to Explore, Learn & Enjoy from 10:00 am to 5:00 pm

(Programmes may change. Those not timed, will repeat at regular intervals)

Activity locations & schedule

Aryabhata & Kund

The Foucault Pendulum, Statues of four Great Scientists, introduced by volunteers.

Bhaskara 1

Integral Field Unit & Polarization Demonstration (duration 20 min each)

Bhaskara 2 & Outside

Laser Interferometer Demonstration (duration 20 min each)

LIGO-India model display and Curvature of Space-Time Demonstration

Bhaskara 3 lobby and Brahmagupta area

Posters Presentation: Overview of Astronomy, Astrophysics and research at IUCAA.

Varahamihira Quadrangle

Sun, Solar Astronomy & ADITYA - L1 mission displays

IUCAA Campus Scale Model & Roche lobes

Radio Astronomy experiments

Sky Dome

ASTROSAT model & informative display

Bhaskara 3

Short talks by astrophysicists (duration 30 min each)

10:30 am Konstantinos Kolokythas – “The Radio Universe - Tuning in at 235 and 610 MHz”

11:15 am Shabbir Shaikh – “गुरुत्वाकर्षण आणि प्रकाश”

12:00 pm Ruchika Seth – “ब्रम्हांड की अतिशबाज़ी”

12:45 pm Bhooshan Gadre – “ताऱ्यांचे जीवनचक्र”

Chandrasekhar Auditorium

Foyer: IUCAA Megaprojects Posters

10:15 am to 1:15 pm "Scales in the Universe" videos (duration 30 min each)

2:00 pm* “Ask a Scientist”: Q&A with J.V. Narlikar & Somak Raychaudhury

3:15-5:30PM*: Short talks on Astronomy Megaprojects - **LIGO-India, Aditya-L1, TMT.**

Speakers: Sanjeev Dhurandhar, Durgesh Tripathi, A.N. Ramaprakash

6:00 pm* Public Lecture on Nobel Prize in Physics 2016 –

Title: “Topology Matters !” by Sunil Mukhi, IISER, Pune.

Science Park

Science Toys Demonstrations (duration 20 min each)

School Students' Model making exhibition

Telescope Making and Amateur Astronomy information stalls.

Various scientific playground models, explained by volunteers.

7:00 pm to 10:30 pm Public Skywatch and Telescope viewing **

** Passes necessary. Available at IUCAA security from 27th Feb.

* Event will be webcast live at : <http://www.livestream.com/scipop>

For more information please visit: <http://scipop.iucaa.in> or www.facebook.com/scipop