



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

Open Day for Public - Wednesday, February 28, 2018

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**

Optics 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**

IUCAA Campus Scale Model & Roche lobes

Thirty Meter Telescope (TMT) displays

Sun, Solar Astronomy & ADITYA - L1 mission displays

Radio Astronomy experiments

### **Sky Dome**

ASTROSAT model & informative display

### **Bhaskara 3**

**10:15 am to 1:15 pm** "Galaxy Clusters and सरस्वती " videos (duration 30 min each)

### **Chandrasekhar Auditorium\***

Short talks by astrophysicists (duration 20 min each)

**10:00 am** Ruchika Seth – “विविध प्रकाश तरंगों में ब्रम्हांड दृश्य”

**10:40 am** Jameer Manur – “जगातील सर्वात मोठ्या दुर्बिणी”

**11:20 am** Sonali Sachdeva – “Story of Math”

**12:00 pm** Pranoti Panchbhai – “दीर्घिका : कधी, कुठे, काय, कसे, का?”

**12:40 pm** Yash Bhargava – “अन्तरिक्षीय दूरियों का मापन”

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

**3:15-5:30PM\***: Special talks on Astronomy Discoveries of 2017. **Speakers:** TBA

**6:00 pm** Public Lecture on Nobel Prize in Physics 2017 –

Title: “*And the Nobel Prize 2017 goes to... Gravitational Waves!*”

by Sanjeev Dhurandhar, IUCAA, Pune.

### **Science Park**

Science Toys demonstrations and scientific playground models by school students / volunteers.

Telescope Making, Amateur Astronomy information and Rational thinking stalls.

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

\*\* Passes necessary. Available at IUCAA security from 26th Feb.

\* Event here will be webcast live at : <https://www.youtube.com/user/IUCAASciPOP/live>

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