

Homi Bhabha Centre for Science Education, TIFR, Mankhurd, Mumbai - 400088

Schedule for NIUS (PHYSICS) Exposure and Nurture Camp 13.1 (June 8 - 17, 2016)

	09:30 - 10:45	10:45 - 11:15	11:15 - 12:30	12:30 - 13:45	13:45 - 15:00	15:00 - 15:30	15:30 - 16:45	16:45 – 17:15	17:15 – 18:30
Wednesday, 8 June	Registration and Introduction	Tea	AK	Lunch	AM	Tea	DPR	Snacks	AM
Thursday, 9 June	AK	Tea	AK	Lunch	DB	Tea	DB	Snacks	DPR
Friday, 10 June	DB	Tea	AK	Lunch	RBK	Tea	AG	Snacks	AG
Saturday, 11 June	AM	Tea	DPR	Lunch	VS	Tea	PPP	Snacks	SC
Sunday, 12 June	Free Time			Lunch	Training in Experimental Physics				
Monday, 13 June	SJ	Tea	VS	Lunch	Training in Experimental Physics				
Tuesday, 14 June	DG	Tea	SMR	Lunch	PPP	Tea	PBP	Snacks	SRM
Wednesday, 15 June	SMR	Tea	PBP	Lunch	SRM	Tea	KR	Snacks	RBK/AS
Thursday, 16 June	DG	Tea	KR	Lunch	Discussion on Projects				
Friday, 17 June	Evaluation Session			Lunch	Feedback and Valedictory Session			Snacks	

Initials	Speaker	Title / Topic
AG	A. Gopakumar (TIFR, Mumbai)	Gravitational Waves
AK	Arvind Kumar (HBCSE, Mumbai)	Introduction to Quantum Mechanics
AM	Anwesh Mazumdar (HBCSE, Mumbai)	Stellar Structure and Stellar Oscillations
AS	Akash Suman (IISC, Bangalore)	Project lecture on Nano-biosensors
DB	Dipankar Banerjee (IIA, Bangalore)	Introduction to the Sun and Sun-Earth connection
DG	Dipan Ghosh (IITB/CBS, Mumbai)	Non-linear Dynamics
DPR	D. P. Roy (HBCSE, Mumbai)	Basic Constituents of Matter and their Interactions
KR	Kailash Rustagi (RRCAT/TIFR, Mumbai)	Optics - Unlimited
PBP	Palash B. Pal (SINP, Kolkata)	Statistical Mechanics
PPP	Praveen P. Pathak (HBCSE, Mumbai)	Nanophysics
RBK	Rajesh B. Khaparde (HBCSE, Mumbai)	Introduction to Experimental Physics
SC	Surajit Chakrabarti (BVM, Kolkata)	Project Lecture
SJ	Sudhir Jain (BARC, Mumbai)	Project Lecture
SMR	S. M. Roy (HBCSE, Mumbai)	Quantum Foundation and Quantum Information
SRM	Subhayan Roy Moulick (IISER, Kolkata)	Quantum Information and Entanglement
VS	Vijay Singh (HBCSE/CBS, Mumbai)	Glimpses of UG Research

VENUE: Lecture Room No. G4 / G5, Ground Floor, NIUS Facility, HBCSE-TIFR, MUMBAI