

Tentative Program Schedule

Schedule	Jan 18, Fri	Jan 19, Sat (Data Analysis) (Venue: Bhaskara 2)	Jan 19, Sat (Instrumentation) (Venue: Bhaskara 3)
9:30-10:00	LI-MMA Meeting Concluding sessions	1) Machine learning & GW detection (Martin Hendry)	Session 1: Intro to LIGO(Somak) IPR (Subroto)
10:00-10:30		2) Machine learning & GW astronomy (Ik Siong Heng)	Session 1: DCSEM + 3D Walk Through Video (Milind)
10:30-11:00		Tea Break	
11:00-11:30		Nikhil Mukund	Session 2: IUCAA Data Center (Sanjit) + Inox (Niraj Pandya)
11:30-12:00		Bhooshan Gadre	Session 2: (L&T + Ik Siong Heng)
12:00-12:30		5) Discussion: common themes & possible overlaps? (Sanjit)	Session 2: TWI-UK (C. Wiseman) + DIT India (A. Yalagi)
12:30 - 1:00	Lunch		
1:00 - 2:00			
2:00-2:30	Travel from Khandala To IUCAA	Lecture: GW data analysis (Shivaraj)	Session 3: (Sabareesh+Rajesh N)
2:30-3:00		Lecture: Multi-Messenger Astronomy (Javed Rana)	Session 3: Giles + Midhani (S.N. Prasad)
3:00-3:30		Lecture: Cosmology (Martin Hendry)	Session 3: Helia Photonics (Casper Clark) + GSS (Des Gibson)
3:30-4:00	Tea Break		
4:00-4:30	Inauguration Welcome session	Tutorial / Exercises	Session 3: Amit Srivastava(DAQ+

	(Somak Raychaudhury, Giles Hammond and Avnish Malhotra)	(Martin Hendry & Ik Siong Heng)	CDS) + Stuart Reid (Skype)
4:30-5:00	Newton Bhabha Agreement (Alok Srivastava)		Session 3: Airbus Space (Noah Saks)
5:00-5:30	Introduction to LIGO (Subroto Mukherjee.)		TBD : David Rietze + TBD : Fred Raab
5:30-6:00	Dr. Andrew Lundgren (Skype)	Discussion	Session 4: Poster session
6:00 - 6:30	ThoughtWorks (Gunjan Shukla)+ Borja Sorazu (Skype)	Session 5: Closing (Somak + Sukanta + Giles)	
8:00 - 9:00	Dinner	Dinner	

Sunday: Breakfast + Lunch at the canteen at usual canteen times.

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Program Details

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Day 1: Jan 18

Friday, 18th January 2019

15:30-16:00 Tea Break

16:00-16:10 - **Somak Raychaudhury**, Director, IUCAA, Inauguration and Welcome address

16:00-16:20 - **Avnish Malhotra**, Head of Pune office, British High Commission, welcome address & highlight about IUCAA- British High Commission collaboration

16.20-16.30- **Giles Hammond**, University of Glasgow

16.30-16.40- **Alok Srivastava**, Advisor, British High Commission, Brief presentation of Newton Bhabha Fund

16:40-17:00 - **Subroto Mukherjee**, Project Coordinator LIGO-India (IPR), Introduction to LIGO

17.00-17.30- **Andrew Lundgren**, Portsmouth University, Presentation on Development Opportunities in Detector Characterisation (**Skype ID: andylundgren**)

17:30 - 18:00 **Gunjan Shukla** ThoughtWorks

18:00 - 18:30 PM **Borja Sorzu**, University of Glasgow “LIGO in your hands” Interferometer Kit

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Program Details

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Day 2: Jan 19

8:00 - 9:15 Breakfast at the canteen

9:30 - 9:45 Introduction to LIGO-India (Somak R)

9:45 - 10:00 IPR and LIGO-India (Subroto M)

10:00 - 10:30 DCSEM (Milind G) + 3D Walk Through

10:30 - 11:00 Tea Break

11:00 - 11:15 IUCAA Data Center (Sanjit)

11:15 - 11:30 Inox (Nitin Pandya)

11:30 - 11:45 L&T (Sushant S. Deo)

11:45 - 12:00 ML Spin-offs (Ik Seong Heng)

12:00 - 12:15 TWI-UK (C. Wiseman)

12:15 - 12:30 DIT India (A. Yalagi)

12:30 - 2:00 Lunch + Photo

2:00 - 2:15 Shaping Buildings to reduce wind load (K.R.C. Murthy)

2:15 - 2:30 Seismic Noise at site (Rajesh N)

2:30 - 2:45 Development of MEMS gravimeters (Giles H)

2:45 - 3:00 MIDHANI's special alloys for strategic sectors (S. N. Prasad)

3:00 - 3:15 Helia Photonics (Casper Clark)

3:15 - 3:30 Photonics - a route to low-cost high volume manufacture of autonomous gas sensors (Des Gibson)

3:30 - 4:00 PM Tea Break

4:00 - 4:15 LIGO India DAQ+ CDS (Amit Srivastava)

4:15 - 4:30 Stuart Reid on Skype

4:30 - 5:00 Airbus Space (Noah Saks on skype)

5:00 - 5:15 TBD: David Rietze

5:15 - 5:30 TBD: Fred Raab

5:30 - 6:00 Poster Session

6:00 - 6:30 Closing Session