

ICGC-2015 Program

Dec. 14, 2015

9:00am	Welcome address	
9:30am	L Blanchet (IAP)	<i>Problem of motion in GR & Post-Newtonian theory</i>
10:15am	Ashoke Sen (HRI)	<i>Ultraviolet and Infrared divergences in string theory</i>
11:00am	TEA / COFFEE	
11:30am	Jerome Martin (IAP)	<i>Inflation after Planck</i>
12:15pm	Keita Kawabe (Caltech)	<i>Gravitational Wave Experiments</i>
1:00pm	LUNCH	
2:30pm	PARALLEL SESSIONS	
4:00pm	TEA / COFFEE	
4:30pm	PARALLEL SESSIONS	
6:00pm	Bala Iyer (ICTS)	Public Talk on <i>General Relativity: Beyond insight and elegance to observations and astronomy</i>

- Plenary sessions and Public talk will be in LH-5, Lecture Hall Complex, IISER Mohali.
- Parallel sessions will be in LH-1 (Classical gravity and gravitational waves), LH-3 (Cosmology), and, LH-4 (Quantum Gravity and Early Universe).
- Lunch will be in the dining hall, ground floor, visitor hostel, IISER Mohali.

Dec. 15, 2015

9:30am	Liam McAllister (Cornell)	<i>String theory and the early universe</i>
10:15am	Ravi Sheth (UPenn)	<i>Recent progress in understanding large scale structure</i>
11:00am	TEA / COFFEE	
11:30am	Ravi Subrahmanyam (RRI)	<i>Detection of spectral signatures of Cosmic Baryon Evolution</i>
12:15pm	Poonam Chandra (NCRA)	<i>Electromagnetic signatures of Gravitational Wave sources</i>
1:00pm	LUNCH	
2:30pm	PARALLEL SESSIONS	
4:00pm	TEA / COFFEE	
4:30pm	Poster Viewing	
6:00pm	Concert: Sufi Music by Dr. Mamta Joshi	
8:00pm	Conference Dinner	

- Plenary sessions will be in LH-5, Lecture Hall Complex, IISER Mohali.
- Concert will be in LH-7, Lecture Hall Complex, IISER Mohali.
- Parallel sessions will be in LH-1 (Classical gravity and gravitational waves), LH-3 (Cosmology), and, LH-4 (Quantum Gravity and Early Universe).
- Posters will be on display on the upper floor of the Lecture Hall Complex.
- Lunch and conference dinner will be in the dining hall, ground floor, visitor hostel, IISER Mohali.

Dec. 16, 2015

9:30am	Biswajit Paul (RRI)	<i>General Relativity in X-Ray astronomy: Astrosat and future experiments</i>
10:15am	Pijush Bhattacharjee (SINP)	<i>Whither WIMP dark matter search?</i>
11:00am	TEA / COFFEE	
11:30am	B. Sathyaprakash (Cardiff)	<i>Undreamt by Einstein - Prospects and Challenges in Gravitational Wave Astronomy</i>
12:15pm	Harald Pfeiffer (CITA)	<i>Numerical Simulations of Binary Black Holes</i>
1:00pm	LUNCH	
2:30pm	Special Session: <i>Centenary of Einstein's General theory of relativity</i>	
4:00pm	TEA / COFFEE	
4:30pm	Poster Viewing	

- Plenary sessions and the special session will be in LH-5, Lecture Hall Complex, IISER Mohali.
- Posters will be on display on the upper floor of the Lecture Hall Complex.
- Lunch will be in the dining hall, ground floor, visitor hostel, IISER Mohali.

Dec. 17, 2015

9:30am	Silvia Galli (KICP)	<i>Cosmological Results from Planck 2015</i>
10:15am	Nick Kaiser (IfA)	<i>The cosmological distance redshift relation revisited</i>
11:00am	TEA / COFFEE	
11:30am	Dick Manchester (CSIRO)	<i>Pulsars and Gravity</i>
12:15pm	P. Ajith (ICTS)	<i>Towards Gravitational Wave Astronomy</i>
1:00pm	LUNCH	
2:30pm	PARALLEL SESSIONS	
4:00pm	TEA / COFFEE	
4:30pm	PARALLEL SESSIONS	

- Plenary sessions will be in LH-5, Lecture Hall Complex, IISER Mohali.
- Parallel sessions will be in LH-1 (Classical gravity and gravitational waves), LH-3 (Cosmology), and, LH-4 (Quantum Gravity and Early Universe).
- Lunch will be in the dining hall, ground floor, visitor hostel, IISER Mohali.

Dec. 18, 2015

9:30am	Nergis Mavalvala (MIT)	<i>Quantum Opportunities in Gravitational Wave Detection</i>
10:15am	T Padmanabhan (IUCAA)	<i>Atoms of space and the cosmos</i>
11:00am	TEA / COFFEE	
11:30am	Parampreet Singh (LSU)	<i>Uncovering the physics of loop quantum cosmological and black hole spacetimes: Recent advances</i>
12:15pm	Amitabh Virmani (IoP)	<i>Integrability in two dimensional gravity</i>
1:00pm	CLOSING, followed by LUNCH	

- Plenary sessions will be in LH-5, Lecture Hall Complex, IISER Mohali.
- Lunch will be in the dining hall, ground floor, visitor hostel, IISER Mohali.