



# 7<sup>th</sup> International Conference on Gravitation and Cosmology

14-19 December 2011, Goa, India

Venue

**Holiday Inn Resort Goa, Mobor Beach, South Goa**

**ICGC** is a four yearly conference series held under the auspices of the **Indian Association for General Relativity and Gravitation**. The Silver Jubilee **ICGC2011** is a part of a comprehensive programme **Frontiers of Cosmology and Gravitation** being organized by the **International Centre for Theoretical Sciences** of TIFR during December 1-23, 2011.

#### Plenary Speakers

Eric Adelberger (Washington University, USA)  
Dipankar Bhattacharya (IUCAA, India)  
J. Richard Bond (CITA, Canada)  
Francois Bouchet (IAP, France)  
Mihalis Dafermos (DAMTP, UK)  
John Ellis (King's College, UK)  
Gary Horowitz (UCSB, USA)  
Robert Kirshner (Harvard, USA)  
Luis Lehner (Perimeter Inst. & Uni. of Guelph, Canada)  
Shiraz Minwalla (TIFR, India)  
Priyamvada Natarajan (Yale, USA)  
Jim Peebles (Princeton, USA)  
Bernard Schutz (AEI, Germany)  
Masaru Shibata (YITP, Japan)  
Rafael Sorkin (Perimeter Institute, Canada)  
Alexei Starobinsky (Landau Institute, Russia)  
Kip Thorne (Cal Tech, USA)  
David Wands (ICG, UK)  
Stan Whitcomb (Cal Tech, USA)  
Abhay Ashtekar (IGPG, USA) Evening Lecture

#### Important Dates

Pre-registration and Abstract Submission  
1st March - 30th June, 2011

Decision on Abstracts  
July, 2011

Registration and Payment of Fees  
1st August - 15th September, 2011

#### Parallel Sessions

Classical General Relativity and Gravitational Waves  
(Sukanta Bose and Sanjay Jhingan)

Cosmology  
(Eiichiro Komatsu and L. Sriramkumar)

Quantum Gravity and Early Universe  
(Justin David and Shinji Mukohyama)

#### Mini Sessions

Gravity as an Emergent Phenomenon (T. Padmanabhan)  
Dark Energy (Varun Sahni)  
Gravitational Wave Astronomy (B. S. Sathyaprakash)



#### Scientific Organizing Committee

- Pijushpani Bhattacharjee (SINP, India)
- J. Richard Bond (CITA, Canada)
- Manuela Campanelli (RIT, USA)
- Debajyoti Choudhury (Delhi Univ., India)
- Richard Ellis (Caltech, USA)
- Gary Gibbons (DAMTP, UK)
- Pankaj Joshi (TIFR, India)
- Romesh Kaul (IMSc., India)
- Subhabrata Majumdar (TIFR, India)
- Don Marolf (UCSB, USA)
- Ramesh Narayan (CfA, Harvard Univ., USA)
- Lyman Page (Princeton Univ., USA)
- Misao Sasaki (YITP, Japan)
- B. S. Sathyaprakash (Cardiff Univ., UK)
- Ashoke Sen (HRI, India)
- Tarun Souradeep (IUCAA, India) (chair)
- P. S. Sreekumar (ISRO, India)
- Alexei Starobinsky (Landau Institute, Russia)
- Sumati Surya (RRI, India)
- C. S. Unnikrishnan (TIFR, India)
- Spenta Wadia (TIFR, India)

#### Local Organizing Committee

- Ghanashyam Date (IMSc., Chennai)
- A. Gopakumar
- Subhabrata Majumdar
- D. Narasimha
- T. P. Singh (Chair)