



BITS - IUCAA WORKSHOP ON GRAVITATIONAL WAVE DATA ANALYSIS

17 - 21 December 2012, BITS, Pilani, K. K. Birla Goa Campus, Goa



This workshop is intended for students, young researchers and teachers who are motivated to pursue future studies in Gravitational Waves. A series of lectures and hands-on training are aimed to initiate the participants to current research problems on Gravitational Waves.

For details visit <http://www.bits-pilani.ac.in/goa/ssahay/Workshop>

Interested candidates may send their CV by post or e-mail to Dr. S. K. Sahay <ssahay@bits-goa.ac.in> before September 30, 2012 along with a covering letter briefly mentioning their motivation to attend the workshop. Selected participants will be informed before November 15th, 2012. Participants will be provided with free hospitality during the workshop. Limited travel support, as admissible, may be available for participants on advance request.

Resource Persons:

- Prof. K. G. Arun, CMI, Chennai
- Prof. Patrick, Dasgupta, Delhi University
- Prof. S. V. Dhurandhar, IUCAA, Pune
- Prof. Sanjit Mitra, IUCAA, Pune
- Prof. Rajesh Nayak, IISER, Kolkata
- Prof. Sendhil Raja, RRCAT, Indore
- Prof. S.K. Sahay, BITS, Pilani, Goa
- Prof. Anand Sengupta, IIT, Gandhinagar
- Prof. Hideyuki Tagoshi, Osaka University

Topics to be covered:

- General Relativity
- Generation of Gravitational Waves
- Sources of Gravitational Waves
- Gravitational Wave Detectors
- Data Analysis Techniques
- Detector Network
- Fourier Transform
- Seismometry

Contact:

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