

Discussion Meeting on  
"Intense Laser Fields and Their Interactions With Matter"  
April 15-16, 2010



Tata Institute of Fundamental Research,  
Mumbai, India



**Sponsor: Dept. of Science and Technology, Govt. of India**

The main theme of this meeting is the application of high intensity laser pulses ( $> 10^{18}$  W/cm<sup>2</sup>, femtosecond duration) in fundamental physics as well as areas like particle acceleration, laboratory astrophysics, high harmonic generation, laser fusion etc.

The main goal of the discussion meeting is to bring together Indian scientists interested in this area, to present on-going and proposed research at the major centers in the country and to encourage collaborations that could be undertaken to promote Intense Laser Science in India.

We seek to seed this research in more Indian universities and therefore encourage participants to make preliminary proposals that can be shaped for submission for funding to appropriate agencies. For some possibilities, please refer to <http://www.tifr.res.in/~uphill/eventsatuphill/events.html>

Participation in this meeting is by invitation. Please send a mail to [uphill2010.tifr@gmail.com](mailto:uphill2010.tifr@gmail.com) if you wish to participate. Support for travel and local expenses is available to a limited number of participants from outside Mumbai.



Local Organizers

- G. Ravindra Kumar
- M. Krishnamurthy
- Jagannath Jha
- Amit Lad
- V. Narayanan

Advisory Committee

- P. D. Gupta, RRCAT Indore
- L.J. Dhaireswar, BARC Mumbai
- V. K. Tripathi, IIT Delhi
- V.P.N. Nampoore, CUSAT Cochin
- A. Das, IPR Gandhinagar
- S. V. Rao, ACRHEM Univ. Hyd.

Important dates:

Last date for confirmation of participation: **20th March 2010**

Dates of meeting: **15 and 16 April, 2010**

Venue: **Tata Institute of Fundamental Research, Mumbai**