

Ultrafast Science 2013

October 25 - 26, 2013
IIT Kharagpur

REGISTRATION FORM

(PLEASE STRIKE OUT WHATEVER IS NOT
APPLICABLE)

NAME (IN CAPITAL) :
SEX (M/F) :
DESIGNATION :
(Prof./Lecturer/Sci. Off./R.A./Manager/Student etc.)

REGISTRATION FEE CATEGORY:
(STUDENTS/PROF./SCIENTIST)

ADDRESS:

PIN CODE:

MOBLIE:

FAX:

E. MAIL ID:

ACCOMMODATION REQUIRED FROM:

----- TO -----, 2013.

DATE:

PLACE:

SINGNATURE:

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DÆ – BRNS

Theme Meeting on
Ultrafast Science 2013



UFS-2013



October 25 - 26, 2013

Organized at:
Indian Institute of Technology Kharagpur,
West Bengal

Organized by:
Department of Physics & Meteorology
Indian Institute of Technology Kharagpur, West
Bengal

and

Indian Society for Radiation and
Photochemical Sciences
Mumbai (ISRAPS)

Visit us at: <http://www.iitkgp.ernet.in/UFS2013>

In recent time, significant progress has been reported in the areas of ultrafast multidimensional vibrational and electronic spectroscopies, high order harmonics generation, X-ray and electron diffraction, nonlinear optics, Terahertz spectroscopy as well as attosecond spectroscopy. Scientific questions using these methodologies are addressed in the areas of *ultrafast science*, which covers the area of chemical reaction dynamics in solutions, water hydration and interface dynamics, strong field effects in atoms and molecules, semiconductor and organic solids, bimolecular and photobiology, photosynthesis, metamaterials, spin, charge and lattice dynamics in highly correlated systems and nano-systems. Indian Society for Radiation & Photochemical Sciences (ISRAPS) in collaboration with the Department of Physics and Meteorology, Indian Institute of Technology Kharagpur, will be organizing a BRNS sponsored two-day theme meeting on **Ultrafast Science 2013 (UFS-2013)** during **October 25-26, 2013** at IIT Kharagpur.

The proposed Theme Meeting on Ultrafast Science - 2013 (UFS-2013) will address the present advances and impact of ultrafast technology by illuminating fundamental processes in Physics, Chemistry and Biology. The Theme meeting will deliberate the latest advances in ultrafast optics and lasers and their applications in science and engineering

- ✓ *Development of Ultrafast Sources*
- ✓ *Ultrafast methods and measurement techniques*
- ✓ *Ultrafast dynamics in Chemical and Biophysical processes*
- ✓ *Atomic and Molecular Physics*
- ✓ *Condensed Matter Physics and Chemistry*
- ✓ *Photonics*
- ✓ *High Field Physics*
- ✓ *Applications*

Scientific sessions will include invited talks by experts as well as young researchers across the country and poster presentations of contributory papers.

Important Dates

Last date for submission of abstract: August 16, 2013

Notification of acceptance: August 30, 2013

Instruction for preparation of Abstract

TITLE (14 pt bold)

A.B. Author and C. D. Author (12 pt bold)

Affiliation (12 pt normal)

A limited number of contributed papers especially from young researchers describing the original research work on the theme of the meeting are welcome. It should be typed in Times New Roman with font size 12 and one-and-half line spacing on A4 size paper in Microsoft word. The length should be limited to one page only. The abstract may contain only one figure or table if it is required. The abstract should be self-explanatory in nature containing introduction, experimental, results and discussion and conclusion. No reference is required. The abstracts will be critically reviewed by the technical committee and the notification of acceptance will be communicated by e-mail.

Registration Fee

Professor or Scientist: Rs. 3, 000/-

Research Student: Rs. 1, 000/-

Registration fee includes registration materials, lunch, dinner and tea/coffee during scientific sessions.

Registration fee may be paid by cheque/DD in favour of "UFS 2013" payable at Kharagpur on or before September 30, 2013.

All correspondence should be addressed to:

Convener, UFS-2013

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Kindly mail this form along with DD to:
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