

Celebrating 75th year of the discovery of nuclear fission



Summer school

on

Nuclear fission and related phenomena

May 13 - 23, 2014

Variable Energy Cyclotron Centre, Kolkata, India

Sponsored by Centre for Nuclear Theory, VECC

Lecturers

Dieter Ackermann (GSI, Darmstadt)
Sudhee R. Banerjee (VECC, Kolkata)
Bivash Behera (PU, Chandigarh)
Chandana Bhattacharya (VECC, Kolkata)
R. K. Choudhury (Mumbai)
Gargi Choudhury (VECC, Kolkata)
Ashok K. Jain (IIT, Roorkee)
Kripamay Mahata (BARC, Mumbai)
Avazbek Nasirov (JINR, Dubna)
Santanu Pal (Kolkata)
Maurycy Rejmund (GANIL, Caen)
Subinit Roy (SINP, Kolkata)
Aradhana Srivastava (BARC, Mumbai)
Ajit K. Sinha (UGC-DAE-CSR, Kolkata)

Topics

- Basics of nuclear fission
- Fission fragment distributions
- Dynamical models of fission
- Fission hindrance
- Quasi-fission
- Intermediate mass fragment emission
- Multi-fragmentation
- Giant dipole resonance
- Fusion near barrier
- Super heavy elements
- Experimental techniques

Who can apply?

Research fellows, post docs
and young faculty members

Applications should be made by sending an e-mail to: fission75@vecc.gov.in

It should include: A curriculum vitae, one page description of academic and scientific achievements. A reference letter from the candidate's supervisor should be sent directly to the above e-mail address

Programme Coordinators:

Chandana Bhattacharya & Tilak Kumar Ghosh

Full travel support by train (up to AC-II)
and local hospitality will be provided to
the selected participants

Deadline for applications: March 14, 2014