



Invited speakers

H. Arenhovel (Mainz)
D. Bandyopadhyay (SINP)
S. Beane (New Hampshire)
R.K. Bhaduri (McMaster)
V.S. Bhasin (Delhi)
T. Clegg (North Carolina)
S. Chakrabarty (Viswa Bharati)
E. Cunningham (Surrey)
T. Doi (Tsukuba)
V. Efimov (Seattle)
Ch. Elster (Ohio)
E. Epelbaum (Bonn)
L. Faddeev (St. Petersburg)
F. Gross (Jefferson Lab)
S. Gupta (TIFR)
A.K. Jain (IIT-Roorkee)
R.C. Johnson (Surrey)
S. Kailas (BARC)
N. Kalantar (KVI)
St. Kistryn (Jagiellonian)
T. Kuo (Stony Brook)
R. Machleidt (Idaho)
A.N. Mitra (Delhi)
E. Piasetzky (Tel Aviv)
A.R.P. Rau (Louisiana)
S. Reddy (Los Alamos)
J.-M. Richard (Grenoble)
S.K. Saha (Bose Inst.)
R. Shyam (SINP)
H. Shimizu (Tohoku)
R. Schwengner (FZR-Dresden)
A.W. Thomas (Adelaide)
J. Vary (Iowa)
H. Weller (North Carolina)

N-N Interaction & the Nuclear Many-Body Problem

November 18-27, 2010

19-08-2010

Tata Institute of Fundamental Research, Mumbai 400 005

<http://www.icts.res.in/program/pninmp>

This program aims to review the exciting new developments in our knowledge of the nucleon-nucleon (N-N) interaction and its applications to the nuclear many-body system. It aims to provide a common platform to the leading experts in the field for in-depth discussions and exchange of ideas. The first four days of the program will be devoted to introductory and pedagogical lectures for Ph.D. students followed by more advanced lectures and discussions in the remaining days.

Topics

- N-N interaction
- Few-body problems in nuclear physics
- Modern shell model calculations
- Nuclear physics of neutron stars
- Nuclear physics with polarized beams and targets
- Electron scattering and photo-absorption reactions

Interested students are encouraged to apply with their CV. They should also arrange a reference letter from their thesis advisors, to be sent directly. All application material should arrive by email to nninteraction@tifr.res.in latest by October 15, 2010.

Organizing Committee:

Rajeev S. Bhalerao, Nilmani Mathur, Indranil Mazumdar, Subrata Pal, Amit Roy, Anthony W. Thomas

