

School on Numerical Quantum Many-body Methods in Physics and Chemistry



October 29 - November 4, 2007

Venue

JNCASR, Bangalore

Organizers

Swapan K Pati, JNCASR
N.S. Vidhyadhiraja, JNCASR

List of speakers

Charusita Chakravarty (IIT/D)
Debashis Mukherjee (IACS)
M. Durga Prasad (Univ of Hyd)
Pinaki Majumdar (HRI)
Saurav Pal (NCL)
S. Ramasesha (IISc)
Swapan K Pati (JNCASR)
Vijay Shenoy (IISc)
N. S. Vidhyadhiraja (JNCASR)

The school on Numerical Quantum Many-body Methods in Physics and Chemistry is organized by Centre for Computational Materials Science (CCMS), Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR). This strongly interdisciplinary School aims at bridging the gaps between physics and chemistry related problems which require consideration of strong electronic correlations. Particular focus will be on numerical methods which are tailored to treat large quantum systems with strong electron electron interactions, ranging from High-Tc physics to Chemical reactions.

Participants

Young scientists including pre- and postdoctoral fellows, and young faculty members working in theoretical / computational physics and chemistry are encouraged to participate in this school. They will benefit from this School by learning recent methodological advances within and outside their field of specialization.

Local hospitality will be provided to all the participants.

For details please visit: <http://www.jncasr.ac.in/ccms/nqm2007>

Those interested may send an application containing name, institutional address, email, current status, year in Ph.d program, name of the supervisor, brief write up of current research topic and the list of publications. Participants will be selected based on their area of research and suitability to this program.

For those who are interested, please send applications directly by E-mail to nqm2007@jncasr.ac.in or send it by post to;

**“School on Numerical Quantum Many-body
Methods in Physics and Chemistry (NQM2007)**
Centre for Computational Materials Science (CCMS)
Jawaharlal Nehru Centre for Advanced Scientific Research
(JNCASR), Jakkur campus, Bangalore 560064.”

Last date to send application: 15th September, 2007
Notification to selected participants: 30th September, 2007

