

## Report of Conference on Neutron Scattering (CNS-2014)

A Conference on Neutron Scattering was held at the Indian Institute of Science and Education Research (IISER), Pune, during February 10 - 12, 2014. It was sponsored by the Board of Research in Nuclear Sciences. The conference was jointly organized by BARC and IISER Pune in association with the Neutron Scattering Society of India (NSSI). The conference was inaugurated by Prof. S.L. Chaplot, Director, Physics Group, BARC. Prof. H. Schober, Associate Director - Science Division, Institut Laue-Langevin, France, was the Chief Guest at the inaugural function. Prof. K.N. Ganesh, Director, IISER, Pune and Prof. R. Mukhopadhyay, Head, Solid State Physics Division, BARC also addressed the audience during the inaugural function.

There were more than 125 participants including 9 invited speakers from abroad. There were 31 invited talks and about 100 poster presentations. The conference covered important aspects of neutron scattering including facilities, science and applications. Particular emphasis was given to the application of neutron scattering in strongly

correlated electron systems, functional materials, soft matter and biological systems, thin films and multilayers, and nanomaterials.

Researchers from various universities and national institutions regularly utilize the National Facility for Neutron Beam Research at Dhruva reactor, BARC. The conference provided useful scientific discussions and a platform for collaborations among the national and international neutron scattering researchers. Four best posters were awarded by the NSSI.

A Pre-Conference Neutron School on "Neutron as Probes of Condensed Matter" (XVI in the series) was organized prior to CNS-2014 jointly by BARC and UGC-DAE-CSR during February 4 - 8, 2014. The course comprised theory lectures and hands-on experiments at Dhruva reactor. Apart from the faculty of BARC and UGC-DAE CSR, some of the foreign invited speakers to the conference delivered lectures in the School.



A group photograph of participants of CNS-2014 at IISER, Pune.