



## Complex Fluids – 2016

PUNE, INDIA  
JANUARY 2–4, 2016

The Indian Society of Rheology organized Complex Fluids – 2016 (<http://pune2016.isr.org.in>) from 2–4 January, 2016 in Pune, India. This meeting was held back-to-back with an Indo-US Science and Technology Forum Workshop (also in Pune, from 4–6 January) and a Faraday Discussions meeting on Nanoparticle Assemblies (held in nearby Mumbai from 7–9 January).

Several participants attended more than one of these meetings. Complex Fluids – 2016 was a very successful meeting that brought together physicists, chemists, biologists and engineers to discuss advances in soft matter. About 300 researchers attended this meeting; over 100 talks and about 150 posters were presented. The meeting had three parallel sessions on topics ranging from active matter; polymers; gels; rheology; suspensions and granular materials; colloids and

nanoparticles; surfactants; wetting and adhesion; glassy matter; membranes; confined liquids and turbulent flows.

The Complex Fluids meetings have been held regularly in India since the first meeting in 2002 in Bangalore. The 2016 meeting in Pune was the largest meeting in this series and had participation from researchers from USA, UK, Germany, Israel, China, Taiwan, Japan and Australia, in addition to scientists from India. The next meeting in this series will be held in Hyderabad in December 2016.

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## 7<sup>th</sup> International Conference, Physics of Liquid Matter: Modern Problems (PLMMP 2016)

KYIV, UKRAINE  
MAY 27–30, 2016

This 7<sup>th</sup> International Conference, Physics of Liquid Matter: Modern Problems continued the success of the previous conferences on the topic and provided the interdisciplinary community with an opportunity to learn about the latest advantages in different fields including physics, chemistry, materials science and medicine. The PLMMP – 2016 Conference was organized by the Kyiv Taras Shevchenko National University, Ministry of Education and Science of Ukraine and National Academy of Sciences of Ukraine. All presentations were given in English. The Conference registered over 400 participants from 32 countries of over the world (Figure 1). The aim of the Conference was to bring together the Physics of Liquid Matter community and to strengthen the cooperation among the research groups. It hosted this year 11 topics:

- Water, water systems and biomedical applications
- Quantum liquids and solutions
- Ionic and ionic-electronic liquids and solutions (molten salts and metals)
- Polymer and biopolymer solutions
- Mixtures of fullerenes, nanotubes, nanoplatelets with liquids
- Colloidal systems: ferrofluids, nano-diamonds, fluids with self-organization; clay suspensions
- Liquids at interfaces, under confinement, and in porous media
- Radiative aspects of the physics of liquid state
- Phase transitions and critical phenomena in liquids and liquid systems
- Glass-forming liquids
- Small-angle neutron scattering and X-rays in liquids and liquid systems

This is an extract of the complete reprint-pdf, available at the Applied Rheology website  
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