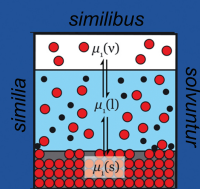


ISSP 17



GENEVA

Solubility Phenomena

24-29 July 2016, Geneva, Switzerland

The 17th International Symposium on Solubility Phenomena and Related Equilibrium Processes (ISSP) will be held from 24-29 July 2016 in Geneva, Switzerland. ISSP is a well-established biennial conference. For six days, the conference will bring together

scientists with a shared interest in solubility. Solubility-related processes are of fundamental importance in a large number of scientific disciplines and practical applications, ranging from ore processing and nuclear waste disposal to the use of medicines and the transport of pollutants. The main subjects of the conference will include, but not be limited to: aqueous solutions at high ionic strength, biomineralisation, computer assisted modelling (ab initio, molecular dynamics and Monte Carlo as well as equilibrium and kinetic calculations), gas-liquid solubility, ionic liquids, molten salts, solid solutions, solubility, and nanoparticles. ISSP17 is co-chaired by Montserrat Filella and Wolfgang Hummel.

ISSP17 will include two applied workshops focusing on highly topical issues. A workshop on Solubility in

energy and waste issues of emerging concern will discuss greenhouse gases (carbon capture and storage, methane clathrates), emerging energy technologies (fracking, geothermal energy), and long-term behaviour of waste disposal sites. In collaboration with the European Union COST action TD1470, a workshop on Technology-critical elements prone to hydrolysis in biological and environmental systems will deal with less-studied elements that are increasingly being used in new technologies in the fields of communication, mobility, and green energy.

Geneva enjoys a long scientific tradition, with figures such as Jean-Charles Galissard de Marignac, who measured the atomic mass of 28 chemical elements, discovered one, ytterbium, and co-discovered another, gadolinium. It is home to CERN, one of the world's largest centres for scientific research, as well as to over 300 international and non-governmental organisations and permanent missions. This multicultural, thrilling environment is mirrored by the University of Geneva that is hosting this conference.

For full details visit: <http://issp17.unige.ch>

Blood-Biomaterial Interactions

12-16 September 2016, Wellesley, MA, USA

A limited understanding of the mechanisms underlying adverse reactions to foreign materials upon contact with blood continues to hinder the development of new clinical devices and advanced treatment options for cardiovascular disorders. Addressing the problem will require the efforts of practitioners from diverse fields: clinicians and engineers, chemists, biologists, and physicists. The goal of the BloodSurf2016 meeting is to bring them together.

Recognizing the key role of platelets in defining blood response to biomaterials, the organizers of Bloodsurf2016 joined efforts with the 9th Platelets International Symposium.

The Bloodsurf2016 conference will take four days. One day will be dedicated to the joint Platelets-Bloodsurf symposium. It comprises two sets of speakers, one set from the Bloodsurf conference (three invited, two contributed) and one set from the Platelets International symposium (three invited, two contributed). A poster session is also planned during the Bloodsurf

conference. The posters will remain up during the joint Platelets-Bloodsurf symposium, thus allowing all the conference participants to take part in the joint symposium.

Invited Speakers include Maud Gorbet (Waterloo, Canada), Dan Schwartz (CO, USA), Hitesh Handa (University of Georgia, USA), Hans Peter Wendel (Tübingen, Germany), Mike Wolf (Medtronic, MN, USA), John Brash (McMaster, Canada), Lara Gamble (Seattle, WA, USA), Steffen Braune (Berlin, Germany), Lisa K. Jennings (Memphis, TN, USA), Buddy Ratner (Seattle, WA, USA), Andreas Straub (Tübingen, Germany), Thomas Lindahl (Linköping, Sweden), Chris Siedlecki (PA, USA), and Hong Chen (Soochow University, P. R. China).

This symposium is organized by Ilya Reviakine (KIT/Germany) and Robert Latour (Clemson University, SC, USA). This event secured financial support from IUPAC under its "New Directions in Chemistry" program.

www.ireviakine.net/Bloodsurf2016/