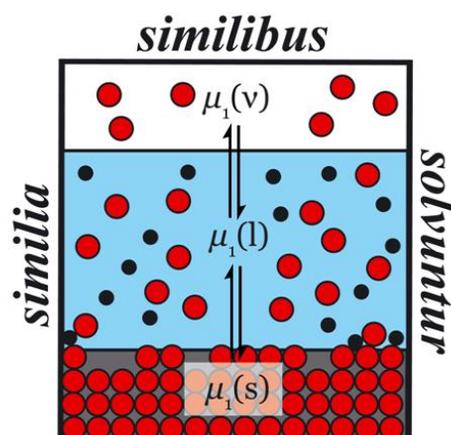


ISSP-16

16th International Symposium on Solubility Phenomena and Related Equilibrium Processes

21st-25th July 2014

Karlsruhe, Germany



The **International Symposium on Solubility Phenomena and Related Equilibrium Processes (ISSP)** is an established bi-annual symposium gathering international experts on solubility studies to exchange new research and concepts. ISSP is addressing the general importance of solubility phenomena in a variety of settings ranging from green chemistry to nuclear waste disposal and modern technical applications. Specifically highlighting the importance of chemical thermodynamics and solubility studies both in fundamental and applied science the meeting is featuring a wide agenda of topics. The meeting will include invited and contributed oral and poster presentations ranging from basic equilibrium measurements to advanced theoretical predictions. ISSP-16 is offering a dedicated scientific platform for presenting, discussing and promoting the study of solubility phenomena and related equilibrium processes.

The symposium follows a series of previous meetings: ISSP-15 (2012, Xining, China), ISSP-14 (2010, Leoben, Austria), ISSP-13 (2008, Dublin, Ireland), ISSP-12 (2006, Freiberg, Germany) and ISSP-11 (2004, Aveiro, Portugal).

Topics addressed in ISSP-16 include amongst others

- *Investigation and analytics of aqueous speciation*
- *Aqueous solutions at high ionic strength*
- *Kinetics of phase transformations*
- *Molten salts and ionic liquids*
- *Effects of solute-solvent interactions on solubility phenomena*
- *Computer assisted equilibrium calculations and related thermodynamic databases*

Parallel to the symposium a workshop will be held entitled “Solubility and Speciation in Nuclear Waste Disposal”. Contributions related to this particular topic will be especially welcome.

Hosting Organization: Karlsruhe Institute of Technology, Institute for Nuclear Waste Disposal (www.ine.kit.edu).

Conference Venue: Karlsruhe Institute of Technology, KIT Campus South (Karlsruhe city).

Registration: Registration opens from January 2014 and will be announced by email.

Registration fees: 425 € for scientific participants, 250 € for students, and 100 € for scientists from developing countries (affecting the countries categorized as low-income economies by the World Bank).

Local organizer: M. Altmaier (KIT-INE), Phone: +49 721 608 22592

Email contact: ISSP16@ine.kit.edu **Homepage:** issp16.ine.kit.edu (opens January 2014)

ISSP-16 is sponsored by the International Union of Pure and Applied Chemistry, IUPAC.

The IUPAC Subcommittee on Solubility and Equilibrium Data will hold its Annual Meeting in conjunction with ISSP-16.

