



Solubility and Equilibria

23–27 July 2012, Xining, China

The **15th International Symposium on Solubility Phenomena and Related Equilibrium Processes** (15th ISSP) will be held 23–27 July 2012 in Xining, China. This will be the latest in a successful series of biennial meetings that brings together scientists from diverse subject areas in which solubility and associated equilibria play important roles.

Traditionally the symposium deals with all aspects of solubility: in and between solids, liquids and gases, new experimental methods for the investigation of solubility phenomena, new analytical techniques, new experimental data, prediction of solubilities and phase equilibria by thermodynamic and molecular modelling, correlation with molecular structure, thermodynamic data bases, applications of solubility data and phase equilibria in industry, for the protection of the environment, and in geochemistry.

During the 15th ISSP, many presentations on solubility equilibria will be planned to honor Heinz Gamsjaeger on his 80th birthday in appreciation of his scientific contributions to solid-liquid equilibria

research and his organizational activities in the IUPAC Solubility Data Project over many decades.

Solubility studies related to ionic liquids, solid solutions and salt lake brines will be among the main topics of this conference. By emphasizing the role of theoretical, thermodynamical and kinetic models in solubility determinations, and exploring the solution chemistry relevant to solubility phenomena, the meeting is expected to advance solubility research from onerous measurements to theoretical predictions.

The scientific program includes plenary and keynote lectures, oral presentations, a poster session, and a special workshop on “Solubility and Other Equilibria in Salt Brines.” About 20 participants from developing countries will receive financial assistance to enable them to attend the symposium. As always, contributors from more than 30 countries are expected to attend the 15th ISSP. The symposium language will be English.

See Mark Your Calendar on page 37 for contact information.

 <http://issp2012.csp.escience.cn>

Physical Organic Chemistry

9–13 September 2012, Durham, UK

The **21st IUPAC International Conference on Physical Organic Chemistry** (ICPOC21) will be held 9–13 September 2012 in Durham, a small city in north-east England whose castle and cathedral are designated World Heritage sites. The conference will consist of plenary, keynote, and contributed lectures, as well as poster sessions. Further information (including registration, location, travel, and how to apply for student bursaries) may be found on the conference website or by contacting RSC Events <events@rsc.org>.

The ICPOC meetings bring together a broad range of scientists from across the whole community who share a quantitative perspective on chemistry. Although traditionally considered as the study of mechanism, reactivity, structure, and equilibrium in organic systems, especially leading to the quantitative, molecular level understanding of their properties, physical organic chemistry now encompasses a wider

range of contexts than ever before. This meeting will be structured around three themes, each covering several key topics:

- Physical underpinnings: dynamics in solution, scope and limitations of transition state theory, advances in reaction monitoring, new approaches to aromaticity.
- Mechanism and Catalysis: homogeneous—including organo- and organometallic; heterogeneous—including nanoparticles, mechanistic enzymology.
- Supramolecular and Systems Chemistry: non-covalent interactions, molecular self-assembly, gel-forming materials.

The Scientific Committee welcomes abstracts for contributed oral presentations and poster presentations. The deadline for oral presentations is 23 March 2012.

See Mark Your Calendar on page 40 for contact information.

 www.rsc.org/ICPOC21