



Asian Crystallization Technology Symposium 2016

Asian Crystallization Technology Symposium 2016 (ACTS-2016), organized by Asian Crystallization Society, will be held in Tianjin, China, from 26th to 27th May, 2016.

The aim of this symposium is to provide a platform for academic researchers and industrial professionals across Asia and from all around the world to present their recent studies and exchange the novel ideas in the field of crystallization.

Highlights & Topics

ACTS-2016 will address the following topics, which reflect the recent developments and activities on the area of crystallization in terms of fundamentals and challenges:

1. **Fundamentals of crystallization:** thermodynamics of crystallization; solution structure; nucleation; crystal growth; agglomeration; polymorphism etc.
2. **Characterization techniques of crystals and PAT:** X-ray scattering; Raman spectroscopy; image analysis tools; all in-situ tools etc.
3. **Design, scale up and control:** multi-dimensional population balances modeling; monitoring techniques; optimization and control of crystallization; process control tools.
4. **Crystal engineering:** molecular dynamic simulation; crystalline nano/micro-particles; co-crystals; solvates; surface crystallization; protein crystallization; micro-channel crystallization; chiral resolution.
5. **Industrial challenges:** green solvent selections for crystallization; spherical crystallization; melt crystallization; crystallization processes for sustainability; novel crystallization equipments.

Important dates

Please register at www.acts2016.com and submit your abstract online or to acts2016@tju.edu.cn

- Abstract submission by December 31, 2015
- Abstract acceptance by January 31, 2016
- Full manuscripts submission by March 15, 2016

Conference Venue

ACTS-2016 will be held at the Renaissance Tianjin Lakeview Hotel in Tianjin.

Publications

The selected papers will be published in a special issue of Journal of Crystal Growth.





Conference Chair

Prof. David Hongyuan Wei, Tianjin University, China

Organizing Committee

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