

**25 -29 August 2012, Prague, Czech Republic**

Organised by the Czech Society of Chemical Engineering and European Federation of Chemical Engineering

**20th International Congress of Chemical  
and Process Engineering CHISA 2012**



# CHISA 2012

## PRELIMINARY ANNOUNCEMENT SMOKE SIGNAL



[www.chisa.cz/2012](http://www.chisa.cz/2012)

The Congress, which is traditionally attended by participants from all over the world, is devoted to the entire area of chemical engineering topics, covering science, research, development and industrial practice. Pan-European contacts and global co-operation will be emphasised. The Exhibition MARCHES 2012 will also be arranged.

## CONGRESS TOPICS

Reaction engineering, catalysis and kinetics • Distillation and absorption • Extraction and leaching • Membrane processes • Adsorption • Filtration, sedimentation, centrifugation, hydrocyclons • Fluid flow and multiphase systems • Mixing • Bioengineering • Heat transfer processes and equipment • Drying and evaporation • Computer aided process engineering • Particulate solids • Pharmaceutical engineering • Chemical engineering education

## PRES 2012

### 15th Conference PRES – "Process Integration, Modelling and Optimisation for Energy Saving and Pollution Reduction".

Energy saving technology • CO<sub>2</sub> Kyoto Protocol, sequestration, minimisation • Combined heat & power • Heat exchangers as equipment and integrated items • Heat transfer processes and equipment • Process integration for sustainable development • Integration of renewables, biomass and energy conversion technologies • Integrated and multifunctional operations • Towards hydrogen economy • Pulp & paper • Energy efficient drying technologies • Sustainable processing and production • Waste minimisation, processing and management • Thermal treatment of wastes including waste to energy • Batch processes • Dynamic, flexible and sustainable plant operation • Industrial & experimental studies • Industrial application & optimal design • Separation processes for environment - Waste water treatment and Soil remediation • Clean technologies - Low emissions technologies • Clean energy from biomass – a challenge for chemical technology

## SPECIALISED SYMPOSIA – preliminary list

- Symposium on environmental engineering
- Symposium on safety in chemical industry
- Symposium on supercritical fluid applications
- Symposium on thermodynamics and transport properties
- Symposium on food processing and technology
- Symposium on micro- and mesoporous materials
- Symposium on process intensification and miniaturisation
- Symposium: Next generation biofuels from laboratory to industry
- Symposium on progress in chemical technology and biotechnology
- F3 Symposium

Meetings of Working Parties and special workshops will be organized.  
Additional proposals for such events are welcome.

## ADDRESS AND CONTACT

Organising Committee:

Mail: Congress CHISA 2012, Novotného lávka 5, 116 68 Praha 1, Czech Republic

Fax: +420 221 082 366, E-mail: [org@chisa.cz](mailto:org@chisa.cz)

Website: <http://www.chisa.cz/2012>

## TIMETABLE AND DEADLINES

|                  |   |
|------------------|---|
| June 2011        | The First circular – Call for Papers              |
| 30 November 2011 | Application for presentation of oral contribution |
| February 2012    | The Second Circular with preliminary program      |
| 30 April 2012    | Registration for participation and payment        |
| 31 May 2012      | Submission of the full text                       |

[www.chisa.cz/2012](http://www.chisa.cz/2012)



European Federation  
of Chemical Engineering



ČESKÁ SPOLEČNOST CHEMICKÉHO INŽENÝRSTVÍ  
CZECH SOCIETY OF CHEMICAL ENGINEERING



American Institute  
of Chemical Engineers