

EUROPEAN FEDERATION OF CHEMICAL ENGINEERING

News and Events

17TH INTERNATIONAL CONGRESS OF CHEMICAL AND PROCESS ENGINEERING

CHISA 2006, PRAGUE, CZECH REPUBLIC 27–31 AUGUST

The popular CHISA 2006 Congress continued the tradition of a major European and world congress of chemical and process engineering (see www.chisa.cz/2006). The Congress with all its topics and specialized symposia supported the concept of sustainable development. Participation, this year nearly 1000 from 57 countries, was distributed between Central Europe (30%), Western Europe (20%), Eastern Europe (5%), South Europe (18%) and outside Europe (27%). Students comprised nearly 35% of all participants.

In addition to the general topics (reaction engineering, catalysis and kinetics, separation processes and equipment, phase equilibrium and fluid properties, fluid flow and multiphase systems, computer aided process engineering, heat transfer processes and equipment, particulate solids, and chemical engineering education), another eleven specialized events were organized on environmental engineering, safety in chemical industry, micro- and mesoporous materials, supercritical fluids, food processing and technology, odour control and measurement, progress in chemical technology and biotechnology, process intensification and miniaturization, IMPULSE workshop on integrated multiscale process units with locally structured elements, European forum on teaching safety to chemical engineers and round table discussion on engineering education. An important part of the Congress was the 9th PRES Conference 2006 on process integration, modelling and optimization for energy saving and pollution reduction.

In total two congress plenary, four PRES plenary and 63 keynote lectures were presented together with more than 1300 oral and poster contributions. Congress proceedings were issued on a fully searchable CD-ROM and supported

by printed book of abstracts. The greatest interest traditionally attracted both congress plenary lectures: G. Lewin, president of Shell Global Solutions International BV and current president of the Institution of Chemical Engineers, presented in his talk entitled *Possibilities into reality to create greener energy future* an example of a realistic approach of an industrial company towards solving the energy problems. K. Jensen, Professor at MIT, USA, illustrated in his lecture *Chemical and biological microsystems: a revolution in discovery and development* a fascinating spectrum of current applications of microsystems. Interesting aspects of process engineering were also presented in four PRES plenaries, namely by L. Diaz (CalRecovery Inc., USA) on *Achieving high waste diversion rates*, N. Lior (University of Pennsylvania, USA) on *Energy resources and use: the present situations and possible paths to the future*, S. Perry (University of Manchester, UK) on *Towards a framework for learning and teaching in engineering in the 21st century* and S. Pistikopoulos (Imperial College, UK) on *Parametric programming and control*.

Several EFCE meetings were held within the Congress: meeting of the Executive Board under the chairmanship of its President, Jiri Drahoš, a meeting of the Task Group on Public Relations, and meeting of the Working Party of Chemical Engineering Education. During the festive opening, the honorary memberships of the Czech Society of Chemical Engineering were awarded to T. Evans (UK) and G. Kreysa (DE). Last but not least, the Congress also offered a traditionally rich social program: the concert of the Virtuosi di Praga and Prague Brass Soloists were undoubtedly highlights.

The next CHISA Congress will take place in Prague at the end of August 2008.

Professor Jiri Drahoš
Congress Chair