



2008

10th International
Chemical and Biological
Engineering Conference

» BRAGA PORTUGAL
4-6 SEPTEMBER '08 »



CONTACTS

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ORGANIZED BY:



SUPPORT:



DEADLINES

- Abstract submission
March 18th, 2008
- Notification of accepted contributions
May 19th, 2008
- Submission of papers
July 15th, 2008
- Registration
July 15th, 2008



CHEMPOR 2008

CHEMPOR traditionally gathers academics, scientists, engineers, manufacturers and end users to discuss recent developments in different areas of Chemical and Biological Engineering. One of the major topics of the conference program is Life Quality, due to the importance that Chemical and Biological Engineering plays in this area. This is complemented with additional topics including Engineering Sciences and Fundamentals, Industrial Processes and Process Systems Engineering. A panel discussion on Chemical and Biological Engineering Education is also scheduled.

CHEMPOR 2008 will provide an excellent opportunity for presenting new results and to discuss the latest research and developments in the field of chemical and biological engineering. We invite you to visit our webpage for the detailed information.
www.deb.uminho.pt/chempor2008

The deadline for extended abstract submission is March 18th, 2008 and these will be evaluated by the Scientific Committee and published in the Book of Abstracts. Special attention will be given to contributions from industry and to developments featuring collaboration between industrial and academic teams. All presenting authors must register for the Conference before July 15th.

We look forward to receiving your abstracts in March and welcoming you in September 2008 in Braga, a city located in the province of Minho, in the north of Portugal, displaying a Baroque splendour rarely seen elsewhere.

YOU CAN NOT MISS THIS UNIQUE FORUM ON CHEMICAL & BIOLOGICAL ENGINEERING IN PORTUGAL!

PROGRAM

SCIENTIFIC PROGRAM // CONFERENCE THEMES

- **Sustainable process-product development through green chemistry**
Process intensification; Process integration; Nanotechnology; New materials & structured products; Intelligent polymers; Green organic synthesis routes; Environmental engineering & management; Sustainable & clean technologies
- **Advancing the chemical engineering fundamental**
Thermodynamics; Catalysis & reaction engineering; Particulate systems; Rheology; Multiphase flows; Interfacial & colloidal phenomena; Transport phenomena in porous/granular media; Membranes and membrane science; Crystallization; Distillation, absorption and extraction; Ionic liquids/electrolyte solutions
- **Multi-scale and/or multi-disciplinary approach to process-product innovation**
Product design & innovation; Nanomanufacturing; Controlled release of the active ingredient; Energy and environment; CFD & chemical engineering; Food engineering
- **Systematic methods and tools for managing the complexity**
Multiscale modeling; Process synthesis & design; Process control & operations; Supply chain management & business decision support; Advances in computational & numerical methods; Safety & risk management systems; Systems biology; Process Analytical Technology - PAT; Software architecture, standards and interfaces
- **Integration of life sciences & engineering**
Biochemical Engineering; Product Engineering in the Bio Industries; Delivery of the final product; Biotechnology applied to production of new and better quality food; Physical chemistry and thermodynamics for life sciences and biotechnology; Improvement of environmental remediation processes; The impact of bio-based polymeric materials
- **Educating chemical engineers for coming challenges**
Bologna agreement implementation; Computer-aided educational modules for teaching; How to teach sustainability/product engineering/process engineering

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Under the high Patronage of his Excellency the President of the Portuguese Republic, Prof. Aníbal Cavaco Silva.

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