

Announcement

European Symposium on Computer Aided Process Engineering (ESCAPE-15), Barcelona, 29 May–1 June 2005



THE SERIES

The ESCAPE series brings the latest innovations and achievements by leading professionals from the industrial and academic communities. The series serves as a forum for engineers, scientists/researchers, managers, and students from academia and industry to present and discuss progress being made in the area of CAPE. ESCAPE-15 follows the recent symposia organised in Finland (2003) and Portugal (2004).

THE SCOPE

CAPE refers to computer aided methods, algorithms and techniques related to process and product engineering. The main theme for ESCAPE-15 is Integrated approaches in CAPE for sustainable development.

TECHNICAL PROGRAMME

Selected presentations will be arranged under:

Computing Methods for CAPE

- Large Scale Algebraic Systems
- Differential and DAE Systems
- PDF/FCD
- Optimisation Techniques

Modelling and Simulation

- Molecular Modelling
- Reaction Kinetics
- Modelling Frameworks
- Model Tuning/Discrimination/Verification
- Multi-scale Modelling

Process and Product Design

- Process Synthesis
- Process Intensification
- Utility Integration
- Equipment and Process Design
- Product Synthesis & Design

Process Operation and Control

- Constrained Resource Planning & Scheduling
- Process Monitoring & Data Reconciliation
- Model Based Control
- Real Time Optimisation
- Batch and Hybrid Processes
- Supply Chain Management & Optimisation

Integrated Approaches in CAPE

- Integrated Process & Product Design
- Life Cycle Modelling
- Systems Integration
- Integration in Supply Chain Management

PROCEEDINGS

During the event, participants will receive the Proceedings published by Elsevier (Book & CD). Selected papers will be later published in *Computers and Chemical Engineering*.

REGISTRATION AND FINANCIAL SUPPORT

Please complete the appropriate sections of the registration forms in the Congress web site. Ph.D. students should be encouraged because of the especial fees offered.

CALL FOR ABSTRACTS

Please send your abstract (500 words approx.) as MS Word or PDF document attachment to the conference e-mail address (before 28 June).

CONFERENCE SECRETARIAT

Department of Enginyeria Químic, Facultat de Química
C/Martí i Franques, 1. 6a planta
E-08028 Barcelona, Spain
Tel.: +34 93 402 90 13; fax: +34 93 402 12 91.
E-mail address: escapel5@angel.qui.ub.es.

CONFERENCE HOMEPAGE

For latest news please visit the conference page: <http://www.ub.es/escapel5>

