19th European Symposium on Computer Aided Process Engineering

ESCAPE 19

EFCE

Event No. 683

June 14-17, 2009
Kraków, POLAND

http://www.escape19.org

Plenary speakers

- **Prof. Miguel Bagajewicz**
  - University of Oklahoma, USA
  On the Appropriate Architecture of the Water/Wastewater Allocation Problem in Process Plants
- **Dr Gordon Bell** - Syngenta, UK
  Chemical Product Engineering of Agrochemical Formulations
- **Prof. Ferenc Friedler**
  - University of Pannonia, Hungary
- **Prof. Zdravko Kravanja**
  -University of Maribor, Slovenia
  The Development of Advanced Systems Synthesis Environment: Integration of MI(NL)P Methods and Tools for Sustainable Applications
- **Prof. Eugeniusz J. Kucharz**
  -Medical University of Silesia, Poland
  Perspectives of Application of Computer Aided Process Engineering Tools in Clinical Medicine

Keynote speakers

- **Prof. David Bogle**
  - University College London, UK
- **Prof. Sebastian Engell**
  - Technische Universität Dortmund, Germany
- **Prof. Zdzislaw Jaworski**
  - Szczecin University of Technology, Poland
- **Prof. Il Moon**
  - Yonsei University, Korea
- **Prof. Stratos Pistikopoulos**
  - CPSE, UK
- **Prof. Yu Qian**
  - South China University of Technology, China
- **Prof. Nilay Shah**
  - Imperial College London, UK

Scientific Committee

- S. Agachi
- A.P.F.D. Barbosa-Povoa
- L.T. Biegler
- D. Bogle
- B. Braunschweig
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- S. Engell
- A. Espuna
- M. Fairweather
- G. Fieg
- C. Floudas
- D. Foo
- F. Friedler
- R. Gani
- P. Glavic
- J. Grievink
- I. Grossman
- A. Gorak
- G. Heyen
- Z. Jaworski
- X. Joulia
- S. B. Jorgensen
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- J. Klemes
- A. Kraslawski
- Z. Kravanja
- M. Kubicek
- J. S. Kussi
- S. Macchietto
- T. Majozi
- H. Matos
- F. Marechal
- W. Marquardt
- N. Menshutina
- C. A. O. Nascimento
- K. Ng
- Z. Pakowski
- S. Pierucci
- V. Plesu
- E. N. Pistikopoulos
- H. Preisig
- L. Puigjaner
- Y. Qian
- G.V.R. Reklaitis
- G. Statiukha
- R. Srinivasan
- A. Stankiewicz
- N. Vaklieva-Bancheva
- G. Wozny
- T. Zhelev

Special session

- Session in honour of **Prof. G. Reklaitis**, Purdue University, USA

The themes of ESCAPE-19

Product and Process Design
- Molecular modelling
- Task based design
- Particulate processing, polymers and ceramics
- Specialty chemicals and pharmaceuticals
- Simultaneous product and process design

Process Control and Operation
- On-line and off-line control
- Process monitoring and instrumentation
- Scheduling and batch plant operation
- Process safety
- Plant flexibility, resiliency and operability

Modelling, Simulation, Optimisation and Process Integration
- Multi-scale modelling
- Optimisation techniques with applications
- CFD and LBM applications
- Model development and validation
- Integration at various levels and scales
- Numerical techniques

New Frontiers in CAPE
- Nanofluids and nanoscale modelling
- Supply chain and logistics
- Data mining and pattern recognition
- CAPE in biotechnology and genetic engineering

CAPE in Sustainable Development
- Life cycle modelling and analysis
- Safety analysis, risk assessment, environmental impacts
- Waste reduction and management
- Water savings, allocation and wastewater treatment
- Education: sustainability and environmental aspects with CAPE

Energy Systems and CAPE
- Energy recovery at site and regional scale
- Simultaneous heat and power design
- Energy systems in total plant design and operation
- Non-traditional energy sources

Conference Venue

CDK (**Congress Centre of Collegium Medicum UJ**) is located in the heart of Kraków [**16 Św. Łazarza str, 31-530 Kraków, Poland**], just 15 minutes walk from the city centre, the Main Market Square and Collegium Medicum of Jagiellonian University.

Conference fee

- **500 €**(before March 31)
- **600 €** (after March 31)
  The conference fee includes proceedings, all lunches, refreshments during the conference, and symposium dinner.
- **350 €** The students' fee includes proceedings, all lunches and refreshments during the conference. Participation in symposium dinner (in this case on demand only) with additional cost of **50 €**. Please inform us about this before April 15, 2009.

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Organizers

The congress is organized by:
- Polish Association of Chemical Engineers
- Silesian University of Technology (main organizer)
- Warsaw University of Technology
- Rzeszów University of Technology

Co-chairmen of the organizing committee:
- Jacek Jeżowski   (ichjj@prz.rzeszow.pl)
- Jan Thullie   (jan.thullie@polsl.pl)

Contact Data

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