

ESCAPE26

European Symposium on Computer Aided Process Engineering

12 - 15 JUNE 2016

PORTOROŽ, SLOVENIA

BERNARDIN CONGRESS CENTRE
OBALA 2, SI-6320 PORTOROŽ



Faculty of Chemistry and
Chemical Engineering



INVITATION

It is my great pleasure to invite you to the 26th European Symposium on Computer Aided Process Engineering taking place in Portorož at the Grand Hotel Bernardin Congress Centre from June 12th to June 15th, 2016.

We would like to assemble a world-class group of researchers at this beachside location. The organising committee is gearing up for an exciting and informative conference programme including plenary and keynote sessions, oral and poster presentations on a variety of topics, and not forgetting exciting social programmes for participants from all around the world.

I hope you might be able to join us for Great Science at a great location at the top of the Adriatic Sea.

Yours Sincerely,

Professor Zdravko Kravanja
Chair, Faculty of Chemistry and Chemical Engineering, University of Maribor

SYMPOSIUM STRUCTURE

Innovative developments in the application of computing and systems technology regarding chemical, biochemical, and environmental engineering problems through the following themes:

- **THEME 1: Process-product Synthesis, Design and Integration** (Process integration, single- and multi-objective synthesis and design of processes and their subsystems; Product-process synthesis and design / Property-prediction-based synthesis and design; Synthesis of different supply-chains: chemical, biochemical, municipal solid waste, renewable regional, energy, food)
- **THEME 2: Modelling, Numerical analysis, Simulation and Optimisation** (Advances in multi-scale modelling / Modelling in different CAPE/PSE applications; Numerical methods and tools; Global and large-scale optimisation)
- **THEME 3: Process Operations and Control** (Planning, scheduling and optimisation under uncertainty; Risk assessment and process safety; Supply-chains optimisation and control / Enterprise-wide optimisation and control; Off- and on-line optimisation and control)
- **THEME 4: Green Bioprocess Engineering and Advances in Biomedical Engineering** (Bio-reactor systems and green bioprocesses; Bio-molecular design and biosimilars; Biomedical systems engineering; CAPE/PSE in genetic engineering)
- **THEME 5: CAPE/PSE in Environmental Engineering** (Life cycle modelling, analysis and multi-objective synthesis; LCA indicators and footprints for multi-objective optimisation; Waste reduction and management / Design and optimisation of waste-water treatment systems)
- **THEME 6: CAPE/PSE in Sustainable Energy Applications** (Heat and power integration; Waste-to-energy applications; Renewable resources in process and total-site integration)
- **THEME 7: CAPE Applications** (CAPE applications in industries; Advances in CAPE tools, cyber-infrastructure, informatics and intelligent systems)
- **THEME 8: Education in CAPE/PSE** (Methods and tools for computer aided education)

PLENARY SPEAKERS

- **Adisa Azapagic** (The University of Manchester, UK)
- **Ana Barbosa Póvoa** (Técnico Lisboa, Portugal)
- **Hermann Feise** (BASF, Germany)
- **Rafiqul Gani** (Technical University of Denmark, Denmark)
- **Jiří Jaromír Klemeš** (University of Pannonia, Hungary)
- **Nick Sahinidis** (Carnegie Mellon University, USA)
- **Jean-Marc Le Lann** (ENSIACET, France)

PORTOROŽ, COAST & KARST REGION

The poetically named Portorož, or Port of Roses, is best described by the words: sea, wind, salt, Mediterranean aromas,



palm trees, roses and evergreens, relaxation, fun and friendliness. Portorož has been a tourist destination since as far back as the 13th century. This reputation

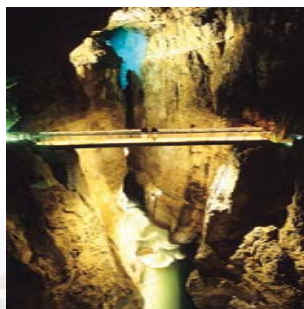
persists even today.

Every kilometre of the Slovene coast is a new surprise. Here is a natural reserve of rich marl and sandstone and the unique, eighty-metre Strunjan cliff, the highest flysch wall on the Adriatic coast. Not far from the coast, the beauties of Slovenian Istria



with its picturesque villages await you. Amongst them, for example, is Hrastovlje with its Holy Trinity church decorated with narrative late Gothic frescoes including a magnificently preserved Danse Macabre.

Inland from the Slovenian coast is the Karst region. In the cellars of the stone houses excellent wines are poured and sold, and in the attics excellent pršut is cured in the bora wind. This gourmet paradise is also a heaven for lovers of the beauties of the karst underworld. The Skocjan Caves, which are on UNESCO's



list of natural and cultural world heritage sites. However, there is another gem one should visit - The Postojna Cave. It is the best-known cave in the

world and one of the world's largest karst monuments.

And this is far from being the last of the attractions of Slovenia's karst region. Perhaps you don't know that the noble Lipizzaner horses (of the Vienna Riding school fame) originate in Slovenia. Lipica, where the stud farm was established in 1580, is today a popular tourist centre.



Interested? Visits to these extraordinary places are planned within the social programme of the conference.

SYMPOSIUM ORGANISATION

SYMPOSIUM CHAIR

Zdravko Kravanja (University of Maribor)

ORGANISATION COMMITTEE

The organisation committee consists of EFCE representative, Zdravko Kravanja, Igor Plazl, Neven Duić, Zorka Novak Pintarič, Mojca Slemnik, Andreja Nemet, Lidija Čuček, and Miloš Bogataj.

INTERNATIONAL SCIENTIFIC COMMITTEE

Representatives of CAPE-WP and PSE/ES-CAPE communities from Europe, Asia, the Americas and Africa have been invited to join this committee.

PUBLICATION POLICY

The ESCAPE series publication policy will be followed (proceedings published as a part of the Computer Aided Chemical Engineering book series of Elsevier as well as a special issue of CACE journal).

VENUE

Bernardin Congress Centre
Grand Hotel Bernardin
Obala 2
SI-6320 Portorož
Slovenia

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CONTACT INFORMATION

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IMPORTANT DATES

Abstracts and papers:	Deadlines
Abstract Submission:	1 September, 2015
Notification of Acceptance:	1 October, 2015
Full Manuscript Submission:	1 November, 2015
Notification to authors & Reviewer Comments:	15 January, 2016
Revised Manuscript Submission:	1 February, 2016
Notification of Acceptance & Presentation Form:	20 February, 2016
Copyright Transfer:	30 February, 2016
Preliminary Programme:	30 February, 2016
Conference:	12-15 June, 2016

Registration:	Deadlines:
Open for Registration:	30 September, 2015
Early registration at reduced rate:	15 February, 2016
Regular Registration at full rate: 1 June, 2016	1 June, 2016