EUROPEAN SYMPOSIUM on COMPUTER AIDED PROCESS ENGINEERING
Milano May 24-27, 2020 www.escape30.it

Scientific Themes

Theme 1: Modelling and Simulation
New modelling approaches, Metamodeling, Multi-scale modelling, Environmental/Social/Risk models, New industrial applications.

Theme 2: – Synthesis and Design
Process/Supply Chain Synthesis and Design, Advanced Materials – Products Design, Process Intensification, Micro and nano applications, Design for reliability and safety.

Theme 3: Process control and operations
Scheduling, operability,
Flexibility and optimization under uncertainty,
Supply-chains optimization and logistics, Off- and on-line control, Real-time optimization, Nonlinear Model Predictive Control

Theme 4: CAPE in Sustainable Energy Applications
Heat and power integration,
Waste-to-energy applications,
Renewable resources in total-site integration, Integration of energy sources & sinks, Reliable dynamic supply & demand

Theme 5: Bioresources, Bioprocesses and Biomedical Systems
Biorefineries
Biomolecular and genetic Engineering
Bioreactors applications

Theme 6: Internet of Things
Cloud application
Digitalization of chemical processes
Industry 4.0

Theme 7: – Concepts, Methods and Tools
Advances in numerical methods
Global Mixed-Integer Optimization
Multiobjective optimization
Decision Making under Uncertainty and Risk Management
Big Data Management, methods and tools

Theme 8: – Education in CAPE & knowledge transfer
Best practices in academia,
Continued training in a changing professional practice,
Effective selling of high quality CAPE solutions to industry,
Knowledge transfer hurdles,
Effective exploitation of CAPE tools

Call for Abstracts and Papers

Please visit: https://www.aidic.it/escape30/abstract.php

Deadline for abstract submission:
July 31st, 2019

Deadline for paper submission
November 30th, 2019

Deadline for revised paper submission
February 10th, 2020

Publication Policy

Accepted Papers presented at the conference will be published following usual ESCAPE policies. Specifically, the conference proceedings will be published by Elsevier in a new volume of Elsevier's *Computer Aided Chemical Engineering book series*.

ESCAPE30

May 24-27, Milano, Italy: www.escape30.it

Promoted by the Working Party:
CAPE of the European Federation
of Chemical Engineering

Organized by AIDIC,
The Italian Association of Chemical Engineering

Registration

Early bird registration deadline is
February 15th, 2020

Submission and registration are handled via
https://www.escape30.it

Milano Vertical Gardens

ESCAPE30 is the 30th event of a series of ANNUAL events started with ESCAPE 1, in Helsingør, Denmark, 1992:

BUT 2020-1992+1= 29 (???)

The reason is that also ESCAPE2 Toulouse, France, was held few months later in 1992.

So : 2020-1992+1+1 = ESCAPE30

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Program

- The Technical Program will flow through parallel sessions presenting accepted lectures.
- Posters will be displayed electronically in proper Touch Screens during four Posters Sessions.

Five Plenary lectures will be presented on emerging topics: out of them three will be:

Francesco Rossi, USA
Applications of Chemical Engineering to Upstream Engineering

Ana Paula Barbosa-Póvoa, Portugal
How to Design and Plan Sustainable Supply ChainS

Ruth Misener, UK
Mixing analytical and data-driven optimization: Application to the process industries

Venue & Travel
The ESCAPE venue will be
Hotel Michelangelo, Piazza Luigi di Savoia, 6, 20124 Milano
MAY 24-27, 2020
Milano is a worldwide known city with plenty of facilities and international connections.
The venue is just in front of the Main Railways Station and of the Bus Terminal to all the airports.

Sponsors

ESCAPE 30 is expected to be organized under the auspices of different Sponsors.
If you wish to participate to the Sponsorship Program of the Congresses, please contact the Secretariat for details.

Exhibition
Spaces are available in Michelangelo Hotel for exhibition desks. A maximum surface that can be assigned to each booth is 3x2=6 m2. If you wish to participate to the Exhibition Program, please contact the Secretariat for details.

Contact

Please visit our website www.escape30.it.
For further information send an e-mail to
Gaia Tornone (Secretary)
escape30@aidic.it

Organizing Committee

The national organizing committee consists of:

Giorgio Veronesi (co-Chair)
Giulia Bozzano (co-Chair)
Davide Manca (co-Chair)
Raffaella Damerio
Manuela Licciardello
Sauro Pierucci
Gaia Tornone

ESCAPE30

Is held in Milano:
The Leader of the Italian Economy
The Capital of Art Culture
The Capital of Art Innovation
The Capital of Fashion
The Capital of Martini & Campari