

CAPE Excellence Award presented to Francesco Destro for models and algorithms for pharmaceutical development and manufacturing

Dr. Francesco Destro is the winner of the Federation's Excellence Award in Recognition of an Outstanding PhD Thesis on CAPE 2024.

He was selected by the jury of the [EFCE Working Party on Computer Aided Process Engineering](#) for his excellent PhD thesis on **"Digitalizing pharmaceutical development and manufacturing: advanced mathematical modeling for operation design, process monitoring and process control"**, completed at the University of Padova, Italy, under the supervision of Prof. Massimiliano Barolo. Besides the high quality of the work, the jury emphasized the impressive number of publications and the societal and industrial relevance of the work. [>more](#)

In his thesis Francesco developed novel process systems engineering tools to enhance the efficiency of pharmaceutical development and manufacturing. This included a monitoring system for continuous manufacturing of



Dear Readers,

Welcome you to the June 2024 issue of the EFCE News. This issue contains information about EFCE awards and events, various Working Party and Section news, and the journal update. If you have any comments/suggestions, please contact us.

With kind regards

Giorgio Veronesi
EFCE President

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pharmaceutical tablets and a novel algorithm for hybrid data-driven/knowledge-driven process monitoring. Furthermore, he developed a digital twin for a novel carousel for continuous integrated filtration-drying of crystallization slurries. He validated his modeling results with experimental data and demonstrated closed-loop control of this novel unit. These results are pivotal for achieving more efficient continuous pharmaceutical processes, which are recognized by regulators, industry, and academia, as critical technologies to achieve the next generation of smart pharmaceutical manufacturing. Francesco released the digital twin that he developed as an open-source simulator (ContCarSim), which can be used by practitioners in the pharmaceutical domain.

Recommending him for the award, Professor Zoltan Nagy, Purdue University, USA, said: "Very importantly he is also always interested to develop tools that enable users to access and apply the methods that he has developed. This has a high potential to increase the impact of his research and provide a broader impact to the CAPE community. He is exceptionally self-driven, motivated, highly productive and has an excellent publication record with very high impact works that resulted from his PhD thesis."

Francesco Destro obtained his PhD in Chemical Engineering from the University of Padova in March 2022. His PhD studies included stays at Siemens Process Systems Engineering, London, UK, and the Davidson School of Chemical Engineering, Purdue University, West Lafayette, IN, USA. Currently, he holds the position of Postdoctoral Research Associate at the Department of Chemical Engineering, Massachusetts Institute of Technology (MIT) in Cambridge, MA, USA. In spring 2024 he was appointed instructor at MIT's Systems Engineering graduate course. This is a very prestigious role that was, until recent years, undertaken by Prof. Paul I. Barton, an extremely

renowned leader of the PSE community.

The Award was conferred to Francesco Destro on Monday afternoon, 3 June 2024 during the ESCAPE34 - PSE2024 conference (34th European Symposium on Computer Aided Process Engineering and International Symposium on Process Systems Engineering 2024 - ESCAPE34-PSE24 (<https://www.aidic.it/escape34-pse24/>)) which was held in Florence, Italy, on 2-6 June 2024.

Furthermore, he has been invited by the organisers of ESCAPE34 - PSE24 to submit a full paper on the theme of your PhD thesis which will be published as a guest paper in the journal 'Computers and Chemical Engineering' together with selected papers from the ESCAPE34 - PSE24 conference.

The Award is generously sponsored by **AVEVA Software LLC**.

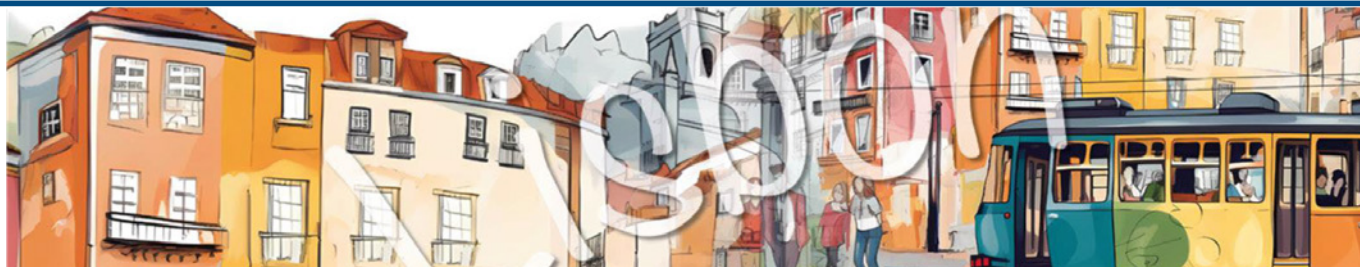


About AVEVA Software LLC:

AVEVA is a British multinational information technology consulting company headquartered in Cambridge, England.

AVEVA - the world's leading engineering software provider to the plant, power and marine industries for over 45 years. AVEVA is one of the world's most innovative companies for pioneering sustainable technologies. In this decade AVEVA has helped engineers factor greenhouse gas reduction into plant designs, optimize their solar energy production, operate remotely, and achieve net zero goals using AI and industrial data sharing.

See <https://aveva.com>



Open call: Early Career Plenary Lecture on “Energy transition”

We are excited to announce an open call for early career researchers and professionals to apply for plenary speaker positions at the 15th European Congress of Chemical Engineering (ECCE) & 8th European Congress of Applied Biotechnology (ECAB) in September 2025.

The conference aims to bring together leading experts and emerging talents to discuss the latest advancements and challenges in engineering and clean technologies, with a focus on fostering a sustainable future.

As a distinguished plenary speaker, you will have the unique opportunity to present your innovative work on a prestigious platform and share your invaluable contributions to Engineering for a Sustainable World. Potential topics may include but are not limited to clean energy research and technology, including renewable energy, energy efficiency and advanced and cleaner fossil-fuel technology. Contributions to topics relevant to new energy sources such as green hydrogen, biogas and nuclear and geothermal energies are also welcome.

Eligibility Criteria

- Candidates who are early-career researchers or professionals are preferred. Ideal applicants should have obtained their Ph.D. within the last 8 years or have less than 8 years of relevant professional experience after completing their master’s or bachelor’s degree**.
- Demonstrated expertise in energy transition, renewable energy, or related fields through research, publications, or professional experience.
- Strong public speaking and presentation skills.
- Fluency in English, as it is the official language of the conference.

Application process

1- Expression of Interest

We invite early career researchers and

professionals to express their interest in being considered for a plenary lecturer position on “Energy Transition” at the 15th ECCE congress by submitting their extended CV and short statement in the following form: <https://forms.gle/4zfdKbm6GzVuEw85A>

We encourage both academics and industry professionals to apply. Please note that this is the first round. After an initial screening, those who meet the eligibility criteria will be invited to make a full application.

2- Full application

Shortlisted candidates will be required to submit a full application, which includes a (max) 3-minute video on their potential lecture and a short abstract (300-500 words).

This can include an overview of their research or professional experience, key insights, and potential contributions to the field. It will be an opportunity to showcase your public speaking and presentation skills.

Timeline

- Deadline for Expression of Interest: **23.06.2024**
- Invitation sent to shortlisted potential speakers: **07.07.2024**
- Deadline to apply (video): **28.07.2024**
- Final selection of Plenary Lecturer: **03.09.2024**

Referral Option: Senior professionals or professors may also recommend early career candidates through our referral option. Please provide the candidate’s contact information and a brief statement on their suitability for the role.

The next ECCE&ECAB will take place in Lisbon, Portugal, on 8-10 September 2025.

More information about the congress can be found in the congress website: <https://ecce-ecab2025.eu/>

For any questions or concerns, please contact us at EFCE.earlycareerchemengs@gmail.com

EFCE Spotlight Talks

15-28 March
2024

by the Working Parties
and Sections

11 webinars



EFCE

European Federation of Chemical Engineering

Recordings of SPOTLIGHT TALKS SERIES!

From 15 to 28 March the sixth series of virtual Spotlight Talks was organised by the EFCE Working Parties and Sections as an important means for sharing and disseminating the latest knowledge in chemical engineering science.

This series showcases **11 webinars** involving the Working Parties on Chemical Reaction Engineering, Crystallization, Drying, Education, Fluid Separations, Loss Prevention and Safety Promotion in the Process Industries, Process intensification, Static Electricity in Industry, and Thermodynamics and Transport Properties, and the Sections on Food, and Membrane Engineering.

Again, the series proved to be very successful

in terms of quality of the talks and participation. With an average of 112 participants per webinar, it was one of the most successful Spotlight Talk series since its launch in 2020.

The recordings of the 6th Spotlight Talks are now available on [EFCE's YouTube Channel](#) or via <https://efce.info/SpotlightTalks.html>

[Recordings of previous Spotlight Talks are also available on our YouTube Channel](#)

Save the date: The next series of EFCE Spotlight Talks is planned for November 2024.

Working Party and Section News

Upcoming Crystallization events

Summer School on Crystallization

Seminars on Fundamentals and Applications

26-28 June 2024, hosted by GSK in Stevenage, United Kingdom

The Summer School is dedicated to Early Career Professionals from academia and industry.

For details see the [Programme Flyer](#)

[Sign up for pre-registration to stay informed!](#)

Small Molecules Crystallization Workshop

18-19 September 2024, Torino, Italy

sponsored by the European Research Council (949229 and the EFCE Working Party of Crystallization

Talks from industrial and academic speakers will highlight the current challenges, research trends and future developments in the field of crystallization of small molecules for the food, pharmaceutical and agrochemical industries.

[Visit the Working Party website for details](#)

Working Party and Section News



Successful ChemE-Med 2024 conference

The one-day Conference “**ChemE-Med 2024: Chemical Engineering as Applied to Medicine**”, organised by the EFCE Section on Chemical Engineering as Applied to Medicine took place on 20 May 2024 in Salerno, Italy. The event gathered 46 participants from several European countries, including Italy, UK, Spain, Portugal, France, Czech Republic, Poland, and Switzerland (see photo). The organisers were: EFCE (EFCE Event No. 806), the Faculty of Chemical and Process Engineering - Warsaw University of Technology (Poland), University of Salerno (Italy), Narando SRL (Salerno, Italy), and AIDIC (Italy) as the entity responsible for technical issues.



The organisers were: EFCE (EFCE Event No. 806), the Faculty of Chemical and Process Engineering - Warsaw University of Technology (Poland), University of Salerno (Italy), Narando SRL (Salerno, Italy), and AIDIC (Italy) as the entity responsible for technical issues.

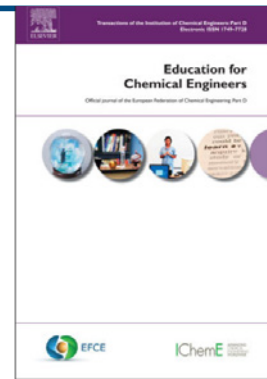
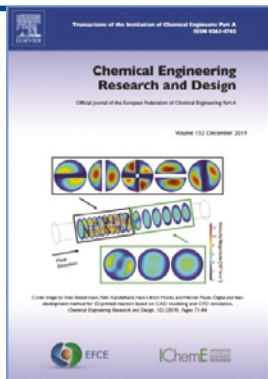
Four thematic sessions with 21 oral presentations plus 7 posters have been presented. *The Book of Abstracts* edited by T.R. Sosnowski, D. Manca, D. Bogle and P. Ciambelli has been published by the Faculty of Chemical and Process Engineering, Warsaw University of Technology (PDF e-book: ISBN 978-83-953822-3-9). The book can be accessed via the website (university repository): [Publication – ChemE-Med 2024: Chemical Engineering as Applied to Medicine. 20th May 2024, Salerno, Italy. Book of abstracts – Warsaw University of Technology \(pw.edu.pl\)](#)

Change of Chairmanship - Working Party on Computer Aided Process Engineering

At their recent business meeting, the Working Party on Computer Aided Process Engineering elected **Professor Zdravko Kravanja**, University of Maribor, Slovenia, as its new Chair for the next term of office from 6 June 2024. He succeeds Professor Flavio Manenti who held the position for six years. At the same time, **Associate Professor Lidija Čuček**, University of Maribor, Slovenia, has been confirmed as the new Secretary of the Working Party, succeeding Professor Giulia Bozzano.

Working Party on High Pressure Technology News

At their recent business meeting on 26 May 2024, the Working Party on High Pressure Technology, re-elected **Professor María José Cocero Alonso**, Spain, as Working Party Chair for a second term of office. At the same time, **Professor Thomas Gamse**, Austria, was reconfirmed in the position of Working Party Secretary.



News about the official EFCE journals

For the latest updates on published papers, freely available content and editor and author interviews please follow the journals on Twitter and LinkedIn:

LinkedIn

Chemical Engineering Research and Design

<https://www.linkedin.com/company/chemical-engineering-research-and-design/>

Food and Bioproducts Processing is now on LinkedIn. Follow the journal at <https://www.linkedin.com/company/food-and-bioproducts-processing>

Sustainable Production and Consumption

<https://www.linkedin.com/company/sustainable-production-and-consumption/>

Education for Chemical Engineers

<https://www.linkedin.com/company/education-for-chemical-engineers/>

X

Chemical Engineering Research and Design

<https://x.com/ChemEngResDes>

Digital Chemical Engineering

<https://x.com/DChEJournal>

Carbon Capture Science & Technology

<https://x.com/CCSTJournal>

Education for Chemical Engineers

<https://x.com/ECEJournal>

Process Safety and Environmental Protection

<https://x.com/PSEPJournal>

Food and Bioproducts Processing

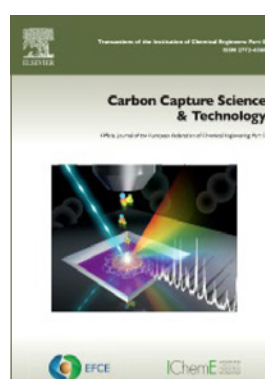
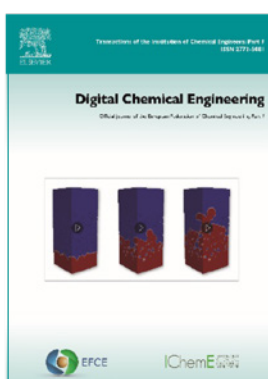
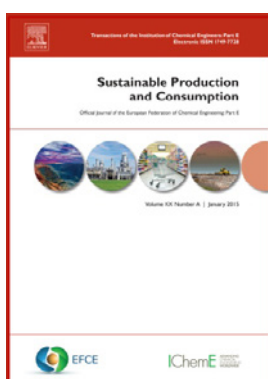
<https://x.com/FBPJJournal>

Sustainable Production and Consumption

<https://x.com/SustProdCons>

Read journal papers for free

The following articles / issues are set for free access periods. In addition to these, articles that are published via the open access route in the journal are also freely available to all. These are identified in ScienceDirect by a green dot. It is possible sign up to an RSS alert specifically to inform when a new open access article is published in the journal – see individual journal pages to set this up.



Chemical Engineering Research and Design

<https://www.sciencedirect.com/journal/chemical-engineering-research-and-design>

Freely available content:

- The article providing the winning ChERD cover image of the year, 2023 "Harnessing Prunella vulgaris L. residues for enhanced biosorption of dyes in wastewater"
<https://doi.org/10.1016/j.cherd.2023.10.053>
- January 2024 issue (Volume 201)
<https://www.sciencedirect.com/journal/chemical-engineering-research-and-design/vol/201/suppl/C>

Process Safety and Environmental Protection

<https://www.sciencedirect.com/journal/process-safety-and-environmental-protection>

Freely available content:

- **NEW** Advanced Techniques in Leachate Management
<https://www.sciencedirect.com/special-issue/10G1SX1C2B2>
- The article providing the winning PSEP cover image of 2023 "Study on flame propagation of H₂/LPG premixed gas in a tube"
<https://doi.org/10.1016/j.psep.2022.11.078>
- January 2024 issue (Volume 181)
<https://www.sciencedirect.com/journal/process-safety-and-environmental-protection/vol/181/suppl/C>

Food and Bioproducts Processing

<https://www.sciencedirect.com/journal/food-and-bioproducts-processing>

Freely available content:

- The article providing the winning FBP cover image of 2023 "Numerical calculation of sugarcane crushing process based on Smooth Particle Hydrodynamics"
<https://doi.org/10.1016/j.fbp.2023.07.008>
- January 2024 issue (Volume 143)
<https://www.sciencedirect.com/journal/food-and-bioproducts-processing/vol/143/suppl/C>

Education for Chemical Engineers

<https://www.sciencedirect.com/journal/education-for-chemical-engineers>

Freely available content:

- January 2024 issue (Volume 46)
<https://www.sciencedirect.com/journal/education-for-chemical-engineers/vol/46/suppl/C>

Sustainable Production and Consumption

<https://www.sciencedirect.com/journal/sustainable-production-and-consumption>

Freely available content:

- January 2024 issue (Volume 44)
<https://www.sciencedirect.com/journal/sustainable-production-and-consumption/vol/44/suppl/C>

Digital Chemical Engineering

Gold Open Access – APC (Author Processing Charge) fully waived on all submissions received before 30 June 2024

Freely available content:

- **NEW** All content freely available at:
<https://www.sciencedirect.com/journal/digital-chemical-engineering>

Including the following special issues:

- Emerging Stars in Digital Chemical Engineering
<https://www.sciencedirect.com/journal/digital-chemical-engineering/special-issue/1045SC7FJ9L>
- AI for intelligent decision making of process and energy systems
<https://www.sciencedirect.com/journal/digital-chemical-engineering/special-issue/10P8R7DS3GC>
- Modeling, Control and Monitoring of Process Systems in the Era of Big Data
<https://www.sciencedirect.com/journal/digital-chemical-engineering/special-issue/10B8F6PFXLX>
- Machine Learning for Chemical Processes
<https://www.sciencedirect.com/journal/digital-chemical-engineering/special-issue/10JTPTKD9LS>
- Autonomy, Safety, and Security for Cyber-Physical Systems in the Process Industries
<https://www.sciencedirect.com/journal/digital-chemical-engineering/special-issue/10SFQ3846W0>

Carbon Capture Science & Technology **Gold Open Access – APC (Author Processing Charge) fully waived on all submissions received before 30 June 2024**

Freely available content:

- **NEW** All content freely available at:
<https://www.sciencedirect.com/journal/carbon-capture-science-and-technology>

Including the following special issues:

- The 12th Trondheim Conference on CO₂ Capture, Transport and Storage
<https://www.sciencedirect.com/journal/carbon-capture-science-and-technology/special-issue/10XQQ59GVBR>
- Accounts of Carbon Capture Research
<https://www.sciencedirect.com/journal/carbon-capture-science-and-technology/special-issue/10Q72SV6132>
- Solid Sorbents for Carbon Capture
<https://www.sciencedirect.com/journal/carbon-capture-science-and-technology/special-issue/109X8MPMPLL>
- Nanomaterials Tailored for CO₂ Science
<https://www.sciencedirect.com/journal/carbon-capture-science-and-technology/special-issue/105Q772XQ5P>

Invitation to submit papers

We have a number of special issues planned that are currently open for submission. Submissions from all welcome! Details as follows:

Chemical Engineering Research and Design

<https://www.sciencedirect.com/journal/chemical-engineering-research-and-design/about/call-for-papers>

NEW Special Issue: Adsorption for Water Purification and Wastewater Treatment – Technical Issues and Troubleshooting (Manuscript submission deadline **30 June 2024**)

Process Safety and Environmental Protection

<https://www.sciencedirect.com/journal/process-safety-and-environmental-protection/about/call-for-papers>

Special Issue: Smart energy storage systems for better resilience, safety, and the environment (Manuscript submission deadline **1 October 2024**)

Special Issue: Explosion mechanism and its impact in engineering systems (Manuscript submission deadline **31 August 2024**)

Food and Bioproducts Processing <https://www.sciencedirect.com/journal/food-and-bioproducts-processing/about/call-for-papers>

Special Issue: Microbe-assisted food and bioproducts processing: Emerging approach for Sustainable food production and security (Manuscript submission deadline **30 June 2024**)

Education for Chemical Engineers <https://www.sciencedirect.com/journal/education-for-chemical-engineers/about/call-for-papers>

NEW Special Issue: Accreditation (Manuscript submission deadline 31 August 2024)

Sustainable Production and Consumption

<https://www.sciencedirect.com/journal/sustainable-production-and-consumption/about/call-for-papers>

NEW Special Issue: Circular Bioeconomy in the Global South: Sustainable Solutions for Socioeconomic Development (Manuscript submission deadline **30 November 2024**)

NEW Special Issue: Planetary boundaries in sustainable production and consumption systems (Manuscript submission deadline **31 October 2024**)

Special issue: Complex Systems Modelling Approaches to Sustainable Production and Consumption (Manuscript submission deadline **31 August 2024**)

Special issue: Sustainable Economic and Financial Solutions to Climate Change: The Role of Artificial Intelligence, Big Data and Machine Learning (Manuscript submission deadline **31 August 2024**)

Digital Chemical Engineering

<https://www.sciencedirect.com/journal/digital-chemical-engineering/about/call-for-papers>

Special Issue: Role of Digitalization in Chemical Engineering (Manuscript submission deadline **30 June 2024**)

EFCE Events in 2024/25

Organised by or on behalf of EFCE

An extended list of events is available at <http://www.efce.info/events.html>

ISCRE28 - International Symposium on Chemical Reaction Engineering *Turku/Abo, Finland, 16-19 June 2024 (EFCE Event No. 801)*

ISCRE is the most prestigious conference in chemical reaction engineering. Around 400 participants are expected from all over the world. The event is organised by the EFCE Working Party of Chemical Reaction Engineering (WP CRE) and Åbo Akademi University.

Topics: Fundamentals of chemical reaction engineering; Bridging molecular modelling, thermodynamics and kinetics; Multiphase reactors and new reaction media; New reactor structures: from micro to milli and macro; Process dynamics and safety; Process intensification in reaction engineering; Reaction and bio-reaction engineering of renewables; Reaction engineering crossing the boundaries; Education session: what to teach in the future.

Plenary speakers: Professor Vemuri Balakotaiah (University of Houston TX); Professor Lady Lynn Gladden (University of Cambridge UK); Dr Carlo Perego (IT); Professor Andreas Seidel-Morgenstern (Otto-von-Guericke Universität Magdeburg, Max-Planck-Institut für Dynamik komplexer technischer Systeme, Magdeburg DE).

The preliminary scientific programme is now available for download! Register NOW!

Website: <https://www.iscre28.org/>

18th European Symposium on Comminution and Classification – ESCC 2024 *Miskolc, Hungary, 24-26 June 2024 (EFCE Event No. 798)*

The 18th ESCC is organised by the Hungarian Chemical Society and the University of Miskolc on behalf of the EFCE Working Party on Comminution and Classification.

This new event will further broaden the traditional scope of ESCC conferences of fundamentals of breakage, advanced modelling of fine- and coarse comminution and classification processes and applications for various industries, i.e. mineral

processing, bio-refinery, food, pharmaceutical, chemical, electronic and materials industries with waste recycling and with mechanochemical-mechanofusion processes. The fundament of the circular economy is the recirculation of previously used materials (wastes) of which central elements are the first comminution and separation mechanical processes.

Topics: see <https://esc2024.mke.org.hu/scientific-program/topics>

Plenary & Keynote Speakers: Holger Lieberwirth, TU Bergakademie Freiberg; Magnus Evertsson, Chalmers University of Technology; Sanjay Kumar, CSIR-National Metallurgical Laboratory; Malcolm Powell, University of Queensland; Fabio Montagnaro, University of Naples Federico II; Peter Baláž, Institute of Geotechnics, Slovak Academy of Sciences, Košice, Slovakia; Ádám Rácz, Institute of Raw Material Preparation and Environmental Processing, University of Miskolc, Hungary.

The tentative scientific programme is now available at <https://esc2024.mke.org.hu/scientific-program/program>

Partners & Sponsors: INS; NETZSCH; WEIR

Register NOW!

Website: <https://esc2024.mke.org.hu>

International Conference on Industrial Biotechnology – IBIC *Bologna, Italy, 30 June – 3 July 2024 (EFCE Event No. 802)*

IBIC 2024, organised by AIDIC, offers a platform for presenting new ideas and discussing the latest advances in applied biotechnology supported by sound science leading to novel industrial developments.

In this context, IBIC 2024 covers topical issues in bio-production, bio-separation, and bio-detection. The latest research topics will be presented, including nano-biotechnology, biorefinery and biofuels, biocatalysis, biomaterials, and microbial fuel cells. Microbes will be discussed as cell factories, and fermenters will be investigated as integrated systems in recovery operations.

Topics: see <https://www.aidic.it/ibic2024/page.php?pipe=testotopics>

Exhibition and Sponsorship: IBIC2024 is expected to be organized under the auspices of different sponsors and exhibitors. Spaces are available in the exhibition areas. A maximum surface that can be assigned to each booth is 3x2=6 m². If you wish to participate in the Sponsorship Programme of the Congress, please contact the Secretariat for details.

The preliminary scientific programme is now available at <https://www.aidic.it/ibic2024/programma/pro.html>

Register NOW!

Website: <https://www.aidic.it/ibic2024>

CHISA 2024 – the 27th International Congress of Chemical and Process Engineering Prague, Czech Republic, 25-29 August 2024 (EFCE Event No. 800)

CHISA 2024 is organised by the Czech Society of Chemical Engineering (CSCHE) in the very beautiful city of Prague. The society celebrates 62 years of CHISA Congresses under the motto "The place, where people meet people and science meets culture"

Researchers, academics, professionals, and enthusiasts in the field of chemical and process engineering are invited to contribute their expertise and share their insights at the upcoming congress. This is a unique opportunity to showcase your research, engage with peers, and contribute to the advancement of our field.

Topics: I. GLOBAL THOUGHTS; II. ENERGY; III. MATTER IN MOTION; IV. NOT ONLY FASTER; V. PARTICLES; VI. GREEN ISSUES; VII. YOU MUST KNOW; VIII. COLLEGE; XI. Poster Session. For details see <https://2024.chisa.cz/scientific-program/#main-topics>

Plenary speakers: Prof. Ayofe M. Foley, Queen's University Belfast, UK; Prof. Markus Gahleitner, Borealis Polyolefine GmbH, Linz, AU; Prof. Raffaella Ocone, Heriot-Watt University, Edinburgh, UK; Prof. Bert M. Weckhuysen, Utrecht University, Utrecht, NL.

Publication Opportunity Highlights:

- Chemical Engineering Research and Design (IF 3.9) Special Issue covering a broad spectrum of chemical engineering disciplines.
- Separation and Purification Technology

(IF 8.6) Special Issue dedicated to novel methods for separation and purification in chemical and environmental engineering.

Express Your Interest: Upon completing your CHISA 2024 registration at www.chisa.cz/2024, you will be prompted to express your intention to submit a contribution for consideration in these special issues.

Attractive social programme "Where science meets culture": <https://2024.chisa.cz/social-programme/>

Register NOW!

Website: <https://2024.chisa.cz/>

International Conference on Environmental Monitoring of Odours and VOCs - NOSE2024 Naples, Italy, 15-18 September 2024 (EFCE Event No. 805)

NOSE2024 is organized by AIDIC, The Italian Association of Chemical Engineering. The field of odour measurement and assessment is of growing interest in many sectors. The NOSE conference series, since its first edition in 2008, focuses on the most recent developments regarding environmental odour monitoring and control. However, in recent years, the conference has widened its scope by including also other fields in which odour evaluation and measurement by means of different, sensorial and/or instrumental techniques, is becoming particularly interesting, such as product development, medical diagnosis, indoor air quality.

Topics: Odour regulation & relevant standards; Sources sampling and characterization; Chemical characterization of odours; Sensorial measurements; Odour & gas sensing; Community participation; Toxicity and health; Dispersion modelling; Odour emission control.

Exhibition and Sponsorship: NOSE2024 is expected to be organised under the auspices of different sponsors and exhibitors. If you wish to participate to the Sponsorship Programme of the Congress, please contact the Secretariat for details.

Register NOW!

Website: <https://www.aidic.it/nose2024>

International Conference on Safety & Environment in Process & Power Industry - CISAP11

Naples, Italy, 15-19 September 2024 (EFCE Event No. 803)

The main aim of CISAP 11 is to provide an extensive international panorama of the latest contributions concerning Process and Environmental Safety.

Topics: Risk governance and safety management; Multi-risk assessment and resilience of complex systems; Human factors and safety culture; Safety 4.0 and digitalization; Chemical and process hazards; Fires, explosions and toxic releases; Safety of hydrogen and decarbonization technologies; Safety and security of energy and transportation systems; Atypical scenarios and high events; Physical and cyber-security of industrial processes; Environmental safety and climate-related risks

Exhibition and Sponsorship: CISAP 11 is expected to be organized under the auspices of different Sponsors and Exhibitors. Spaces are available in the exhibition areas. A maximum surface that can be assigned to 120x80 cm. If you wish to participate to the Sponsorship Programme of the Congress, please contact the Secretariat for details.

Register NOW! Early bird registration deadline: 30 June 2024

Website: <https://www.aidic.it/cisap11/>

Global Congress of Chemical Engineering 2024 Cape Town, South Africa, 6–11 October 2024

The Global Congress of Chemical Engineering 2024 is an intermediate Congress of the World Chemical Engineering Council (WCEC), organised by the South African Institution of Chemical Engineers (SAIChE), a member of the WCEC and Institutional Member of EFCE.

Motto: To sustainability and beyond

The Global Congress of Chemical Engineering is a platform for individuals, groups, governments and companies to showcase their sustainability and regenerative initiatives, and where they can talk about, how they are moving away from "business as usual" by thinking more smartly and differently about processes, products, energy and water consumption, along with waste generation.

Individuals can also earn continuous professional development points (CPD) through Congress participation and workshop attendance contributing to Environment, Social and Governance (ESG) skills development for company employees and

individuals.

Topics: <https://gcce2024.co.za/topics/>

Register NOW! Early bird registration deadline: 30 June 2024

Website: <https://www.gcce2024.co.za>

18th EFCE International Symposium on Loss Prevention and Safety Promotion in the Process Industries – Loss Prevention 2025 Bologna, Italy, 8-11 June 2025 (EFCE Event No. 809)

Loss Prevention 2025 is organised by the EFCE Working Party on Loss Prevention and Safety Promotion in the Process Industries in cooperation with AIDIC.

This event is an opportunity to exchange up-to-the-minute information on industrial needs, new technology developments, and research opportunities. The previous events attracted leading Industrialists and Academics from all over the world and provided a state-of-the-art chemical and process engineering.

Topics: Safety 4.0, AI and digital transformation of industrial processes; Safety in relation to sustainability and resilience in process industry; Safety of decarbonization and energy transition processes; Safety of new materials and technologies; Safety and security of chemical and energy infrastructures; Conventional risk assessment and management approaches; Other process safety topics.

The call for papers is open. Deadline for abstract submission: 20 June 2024

The full set of final selected papers will be published in the Chemical Engineering Transactions Journal, indexed by SCOPUS and SCHOLAR.

Exhibition and Sponsorship: Loss Prevention is expected to be organised under the auspices of different sponsors and exhibitors. If you wish to participate to the Sponsorship Programme of the Congress, please contact the Secretariat: lp2025@aidic.it

Website: <https://www.aidic.it/lp2025/>

9th European Drying congress – Eurodrying 2025 Wageningen, The Netherlands, 6-9 July 2025 (EFCE Event No. 810)

Wageningen University & Research and the EFCE

Working Party on Drying are proud to announce the 9th European Drying conference. Eurodrying aims to expand on the positive interaction within the drying community and continue the dialogue between drying experts in academia, as well as industry. Together we can advance knowledge, solve problems, and innovate solutions for drying and dewatering applications.

Topics: New dewatering & drying technologies; Industrial processes and equipment; Sensing and process control; Data-driven strategies; Environmental assessment of dewatering & drying processes; Air & gas dehumidification; Fluidized bed & Spray drying; Drying of biobased materials & foods; Drying of pharmaceutical & biological materials; Drying of chemicals, wood & paper; Mathematical modelling of drying processes; Characterisation of physical properties & product quality.

The call for papers will open soon. Deadline for abstract submission: 30 December 2024

Website: <https://www.eurodrying2025.nl/home>

12th World Congress of Chemical Engineering and 21st Asian Pacific Confederation of Chemical Engineering congress 2025 (WCCE12 & APCChE 2025) **Beijing, PR China, 14 - 18 July 2025**

Motto: Paradigm Shifting in Chemical Engineering for Global Challenges

WCCE12 & APCChE 2025 is organised under the auspices of World Chemical Engineering Council (WCEC) and Asian Pacific Confederation of Chemical Engineering (APCChE)

The conference is hosted by the Chinese Chemical Society, and jointly organised by the China National Petroleum Corporation, China Petrochemical Corporation, and Beijing University of Chemical Technology.

The World Conference on Chemical Engineering (WCCE) is the most important academic conference organized by WCEC, held every four years and rotating between Europe, Asia, and the Americas.

The call for papers opens on 1 July 2024 and closes on 1 November 2024.

Website: <https://www.wcce12.com/en>

Save the date!

15th European Congress of Chemical Engineering & 8th European Congress of Applied Biotechnology (ECCE15 & ECAB8)

Lisbon, Portugal, 8-10 September 2025 (EFCE Event No. 783)

Motto: Engineering for a Sustainable World: Summit for Clean Technologies & Brighter Legacy

To stay up-to-date subscribe to the event newsletter.

Website: <https://ECCE-ECAB2025.eu>

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