European Federation of Chemical Engineering
Europäische Föderation für Chemie-Ingenieur-Wesen
Fédération Européenne de Génie Chimique

NEWS AND EVENTS AUGUST 2026

Dear Readers,

Welcome to the summer 2026 edition of EFCE News! In this issue you will find again announcements of several excellent award winners, the call for an Early Career Plenary Speaker, Member Society, Working Party and Section news, a report about the SuSChemE–SUSTENS2 Conference, updated information about upcoming EFCE events in 2026 and 2027, and the journal update. If you have any comments/suggestions, please contact us.

With kind regards,

Jarka Glassey
EFCE President

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EFCE announces 2026 Mixing Awards:

Ernest Simon named Young Researcher Award Laureate and E. Hugh Stitt receives Lifetime Recognition Award

The European Federation of Chemical Engineering (EFCE) and its Working Party on Mixing, together with award sponsors Ekato and Alvin and Helen Nienow, have announced the **2026 laureates of EFCE's two awards in mixing science and technology**.

The awards will be presented at the 18th European Conference on Mixing - Mixing 18 (conference website: (https://mixing18.dryfta.com/index.php), taking place in Limerick, Ireland, from 30 August to 2 September 2026.

IChemE
Institution of Chemical Engineers

EFCE Young Researcher Award in Mixing 2026: Ernest Simon

EFCE has selected **Dr. Ernest Simon** as the laureate of the **EFCE Young Researcher Award in Mixing 2026**, recognising his excellent PhD thesis work on "*Experimental and numerical study of the mixing of a non-Newtonian fluid*" completed at the Toulouse Biotechnology Institute (TBI) under the supervision of Professor Jérôme Morchain, and Professor Alain Liné and of Dr. Frédéric Augier from IFPEN, Solaize, France, which funded his PhD. Dr. Simon is invited to deliver a scientific presentation during Mixing 18.

Mixing in viscous or non-Newtonian media is key for the development of innovative processes in fields related to the energy transition, decarbonization, and the circular economy, where questions arise regarding technological choices and scale-up for diverse operations, such as fermenters for biofuels or dissolution reactors for plastic recycling. Consequently, there is significant scientific and industrial interest in proposing innovative experimental characterizations of mechanically stirred reactors involving non-Newtonian media and evaluating the behaviour of various numerical models. Ernest Simon conducted experimental campaigns with various advanced techniques (PIV, Stereo-PIV, TOMO-PTV and Lagrangian flow characterisation), which revealed unexpected hydrodynamic behaviours in the presence of shear-thinning rheology and in intermediate ranges of Reynolds number. Simultaneously, he managed numerical studies computed via CFD (LES, RANS). His research provides a particularly strong contribution to the fundamental advancement of experimental methods by the development and application of TOMO-PTV to stirred tanks for understanding of mixing phenomena while maintaining clear relevance to industrial mixing applications. A significant part of his work was also devoted to the development of CFD models for non-Newtonian fluids.

Ernest Simon obtained his Engineering Degree from INSA Lyon, France and his Research Master in Fluid Mechanics and Energy from the University Claude Bernard Lyon 1. Between December 2021 and March 2025 he conducted his PhD work at the Toulouse Biotechnology Institute (TBI, INSA Toulouse) in collaboration with IFP Energies nouvelles, followed by a post-doctoral fellowship during which he continued his research activities on advanced Lagrangian characterisation of mixing flows. He is now going to start a post-doctoral fellowship funded by the Commissariat à l'énergie atomique et aux énergies alternatives at the Laboratoire Energie, Mécanique Theorique et Appiquée in Nancy, France.

The award jury noted: "His work best fulfils the objectives of the Award by combining methodological originality, advanced experimental and numerical approaches, and a significant contribution to the fundamental understanding of mixing processes of industrial relevance".

EKATO

The Award is generously sponsored by **EKATO**.

In the past 85 years EKATO has developed to world market leader in stirring and mixing technology for all process-oriented industries.

The EKATO GROUP companies offer optimized mixing technology, from molecular, robust and rapidly available industrial agitators over industrial solutions for reactor agitators on sophisticated mixing processes up to complete process plants including automation. EKATO has been family-owend since its foundation in 1933 and is represented worldwide with subsidiaries in Europe, Asia, Australia, South America, South Africa and the USA as well as a network of trading partners. At the state-of-the-art research and development center in Schopfheim, EKATO offers engineering services from process development to process optimization to make customer processes and mixing procedures more reliable and efficient. https://ekato.com

Alvin and Helen Nienow Lifetime Recognition Award in Mixing 2026: E. Hugh Stitt

EFCE has also named **Dr. E. Hugh Stitt** as the laureate of the **Alvin and Helen Nienow Lifetime Recognition Award in Mixing 2026**, recognising his outstanding contribution to the advancement of mixing science and technology, and for demonstrating mixing's industrial significance across a long career.

Dr. Stitt is currently a Senior Research Fellow at the Johnson Matthey Technology Centre, Billingham, UK, and has led and supported chemical engineering R&D spanning mixing, reaction engineering, process modelling, and industrial measurement methods.

Nominating him for the award, Mark Simmons and Federico Alberini wrote: "Hugh is a once in a generation industry leader with an exemplary and sustained record in mixing research with demonstrable global industry impact and in the development of people and capability within Johnson Matthey and in academia."

He said: "I am somewhat overwhelmed that I have been selected for this award, and deeply grateful for the recognition. I have spent my career simply trying to use good science, working with some outstanding scientists and engineers along the way, to solve industrial problems. It is so uplifting to have this recognised as an outstanding achievement by my (albeit younger) peers."

Hugh Stitt is invited to deliver a keynote contribution at Mixing 18 and will receive a cash prize sponsored by Alvin and Helen Nienow.

About Alvin and Helen Nienow: The late Professor Alvin W. Nienow (DSc, FIChemE, FREng) was an active and influential member of the international mixing community for the most part of his career, contributing significantly to mixing science, research and applications. He was a member of the First European Conference on Mixing in 1974 and was always involved in the conference series since then. His commitment to the European mixing community was recognized in 2003 when he was awarded the 2nd LRA in mixing (sponsored by Ekato).

In recognition of the impact that the international and, particularly, the European mixing community had on their lives, Alvin and his wife Helen decided to set up a long-term sponsorship of the LRA in Mixing in 2021.

Excellence Award presented to Ana Isabel Carreiro Furtado for Innovative Bioseparation Toolkit

Dr. Ana Isabel Carreiro Furtado has been selected as the winner of the **EFCE Excellence Award in Fluid Separations 2026**, presented by the Working Party on Fluid Separations. Her PhD thesis, "Sustainable Affinity Materials for Sensing, Catalysis, and Biopurification" completed at NOVA University of Lisbon, Portugal, under the supervision of Dr. Raquel Viveiros, received the top evaluation for her outstanding and innovative contributions to fluid separations, particularly in bioseparations and biopurification.

The award, sponsored by Evonik Operations GmbH, consists of a cash prize, travel grant and an invitation by the local organiser DECHEMA e.V. to attend the 13th International Conference on Distillation and Absorption in Salzburg, Austria, from 30 August to 2 September 2026 (conference website: https://dechema.de/en/da2026.html). The certificate handover and award lecture are scheduled for 1 September 2026, 13:35 CET.

Dr. Carreiro Furtado's doctoral work focused on sustainable affinity polymeric materials developed through green technologies for biopurification applications, including biosensors, catalysis, and separation devices. In a field facing fast growth and mounting demands for reproducibility, cost-efficiency, and scalability, her PhD research addresses a key gap in bioseparations by developing next-generation of Molecularly Imprinted Polymers (MIPs) and dendrimers as sustainable, high-performance alternatives to costly and less stable protein-based affinity systems. Combining green technologies, notably supercritical CO2 and mechanochemistry with computational design, she engineered smart synthetic materials capable of selectively targeting molecules in complex bioprocess streams and enabling real-time monitoring and detection, delivering an industrially compatible toolkit for next-generation bioseparation.

Her publication record demonstrates applications ranging from selective binding materials for solid-phase extraction and chromatography to switchable photochromic MIPs for responsive sensing, as well as mechanochemically synthesised, beryllium-enhanced MIPs integrated into thermal (HTM) biosensing platforms, showcasing both fundamental advances and industrial relevance for faster, smarter bioseparation processes.

Dr. Carreiro Furtado obtained her PhD in Sustainable Chemistry in 2024 from NOVA University of Lisbon, Portugal, following an MSc in Chemical and

Biochemical Engineering at the same university. Since 2025 she holds the position of Postdoctoral Researcher in Sensor Engineering at Maastricht University, working on new sensing devices for biopharmaceutical/biomedical applications and contributing to research projects, funding and teaching. She has a strong international profile, with multiple competitive awards and research stays.

Nominating her for the award, Dr. Viveiros said: "In summary, Dr. Ana Isabel Carreiro Furtado has been made substantial, original, and outstanding contributions to advance fluid separations field through the green development of high–affinity dry–powder materials for smart and faster separation processes. Her research work since fundamental understanding to practical solutions provides clear relevance and impact to industrial bio–purification."

The Award jury also selected **Dr. Christian Peters** as the runner-up for his PhD work establishing Osmotic-Assisted Reverse Osmosis (OARO) as a superior alternative to conventional reverse osmosis for sustainable, low-energy desalination. He currently holds the positions of Academic Visitor, Laboratory for Sustainable Water Engineering, University of Oxford and CEO & Co-Founder, Seloxium Limited, University of Oxford, a University spin-out focusing on the selective recovery of valuable metals from industrial effluents.

The Award is generously sponsored by **Evonik Operations GmbH**.

About Evonik:
Leading beyond chemistry to improve life, today and tomorrow.
Evonik goes beyond the boundaries of chemistry with its combination of innovative strength and leading technological expertise. The global chemical company, headquartered in Essen, Germany, is active in more than 100 countries and generated sales of €15.2 billion and earn-ings (adjusted EBITDA) of €2.1 billion in 2024.
The common motivation of the approximately 32,000 employees: to provide customers with a decisive competitive advantage with tailor-made products and solutions as a superforce for industry, thereby improving people's lives. In all markets. Every day.
Website: www.evonik.com

Laureate of the 2026 George Stephanopoulos Award announced

Professor Sigurd Skogestad, Department of Chemical Engineering, Norwegian University of Science and Technology (NTNU), Trondheim, Norway, is the winner of the **2026 George Stephanopoulos Award in Process Systems Engineering**. This award is presented in recognition of his outstanding achievements in Process Systems Engineering.

The handover of the certificate and the lecture took place on 23 June 2026 at ESCAPE-36 which was held in Sheffield, UK, from 21 to 24 June 2026.

The title of the George Stephanopoulos Award lecture was: *Putting Optimization into Process Control*

About the Award: Founded in 2024, the George Stephanopoulos Award is presented in recognition of outstanding achievements in Process Systems Engineering.

The Award is co-sponsored by the National Technical University of Athens, Greece, the EFCE Working Party on Computer Aided Process Engineering, and the AIChE-CAST Division. The George Stephanopoulos Award is structured to rotate between regions every second year: in even-numbered years European awards are presented at ESCAPE, and in odd-numbered years North American awards are presented at the AIChE Annual Meeting.

Handover of the Award certificate to Prof. Sigurd Handover of the Award certificate to Prof. Sigurd Skogestad (l.-r.): Prof. George Stephanopoulos, Prof. Sigurd Skogestad, Prof. Antonis Kokossis

OPEN CALL: Early Career Plenary Lecturer at ESCRE 2027

The EFCE Early Career Chemical Engineers Section is pleased to invite applications for the **Early Career Plenary Lecture** at the European Symposium on Chemical Reaction Engineering (ESCRE 2027), taking place 23–26 May 2027 in Milan, Italy.

This is an excellent opportunity for an outstanding early career researcher to present their work as a plenary speaker before an international audience of leading academics and industrial experts. The selected speaker will receive conference registration, accommodation and travel support, together with the opportunity to deliver mock plenary lectures ahead of the conference and receive constructive feedback from the EFCE community.

We welcome applications from academia and industry working in chemical reaction engineering, including areas such as catalysis, sustainable reaction engineering, hydrogen and alternative energy vectors, carbon capture and utilisation, process intensification, reactor design, electrification, digitalisation and reaction kinetics.

For eligibility criteria, application requirements and the full timeline, please refer to the complete call on the EFCE Early Career Chemical Engineers Section website.

Deadline for first round of applications: 30 September 2026

Applications should be submitted to Dr Theodoros Papalas (t.papalas@bham.ac.uk) and the EFCE Early Career Chemical Engineers Section (EFCE.earlycareerchemengs@gmail.com).

We encourage all eligible early career researchers to apply and look forward to receiving your applications.

WORKING PARTY AND SECTION NEWS

WORKING PARTY ON PROCESS INTENSIFICATION ELECTS VICE-CHAIR

At its recent business meeting held on 10 June 2026, the members of the Working Party on Process Intensification unanimously agreed to appoint **Dr. Nathalie Raimondi**, CNRS - Laboratoire de Génie Chimique, Toulouse, France, as the Vice-Chair of the Working Party.

Recent EFCE Early Career Interview

The **EFCE Early Career Interviews task force** of the **Early Career Chemical Engineers Section** aims to highlight outstanding early career chemical engineers across Europe who have achieved significant milestones in their professional journeys. Through thoughtful interviews, the task force explores their experiences, challenges, and successes, offering insights into the career paths they have taken and the lessons they have learned along the way. By sharing these stories, they aim to inspire, connect, and support the next generation of chemical engineers as they navigate their own careers.

In our second EFCE Early Career Interviews episode, we meet **Dr Virginia Venezia**, postdoctoral researcher at the University of Naples Federico II (UNINA) in Italy.

From a PhD focused on transforming organic waste into high-value materials to international research experience in Valencia and collaborations that continue today, Virginia has built an impressive early career recognised with many distinctions, including a Best PhD Thesis Award and the Eni Young Researcher Award.

We discuss taking opportunities and embracing challenges with the mindset that led Virginia to apply for one of her most significant recognitions: "Why not? Let's try". We also talk about mentorship, the importance of visibility and representation in STEM and why inspiring more young women to pursue careers in science and engineering continues to matter.

Read the full interview at:

https://efce.info/Scientific+Groups/Early+Career+Chemical+Engineers/Task+Forces/ChemE+Interviews+_+Podcasts/Virginia+Venezia.html

or hear the podcast on Spotify at:https://open.spotify.com/episode/2S1rlIRYJnzEPGlreke0Rz?si=fYKleEYNQHuRBlbyAylI6&nd=1&dlsi=26a74e8aa66d440f

Coffee Talks:

CONNECTING EARLY CAREER CHEMICAL ENGINEERS WITH EFCE WORKING PARTIES

Our **Early Career Chemical Engineers Section** has launched a series of webinars known as **'Coffee Talks'**, designed to strengthen collaboration with the EFCE Working Parties and promote the breadth of expertise and activities across the Federation.

The Coffee Talks series provides an opportunity for EFCE Working Parties to present their mission, showcase their activities, discuss current research trends and highlight opportunities for early career chemical engineers to get to know more of the opportunities offered.

In the inaugural year of this initiative, five webinars have been produced in collaboration with the EFCE Working Parties on **Crystallization, Thermodynamics and Transport Properties, Education, Process Intensification, and Chemical Reaction Engineering**. These videos are freely available on the EFCE YouTube channel and provide an excellent introduction to the scientific focus and activities of each Working Party.

The Coffee Talks series will continue next year with more exciting sessions with the rest of the EFCE Working Parties, which will be advertised on the LinkedIn channel of the Early Career Chemical Engineers Section.

EFCE Event Report: SUSCHEME–SUSTENS2 Conference

SUSTAINABLE CHEMICAL ENGINEERING SYSTEMS

The first Sustainability Section conference of EFCE was held, pretty successfully, during 28–30 June 2026. It was organized at the Royal Olympic Hotel in Athens and actually turned into a purely international event attracting **228 participants** from academia, industry, research organizations, and public institutions. Contributions **represented 33 countries** and included **123 oral** and **22 poster presentations**. Organized under the auspices of the **Technical Chamber of Greece (TCG)**, the conference was supported by more than 120 distinguished Scientific Committee members, together with a broad network of internationally recognized experts, industrial stakeholders, and scientific collaborators.

SuSChemE–SUSTENS2 will be vital in building the sustainable chemical engineering community. It served as a meeting point for researchers, industrial practitioners, policymakers, technology developers, and innovation organizations for three days of scientific exchange, dialogue, and networking. It also provided a common platform for the **European SusChem community**, its **National Technology Platforms**, and the growing **Safe and Sustainable-by-Design (SSbD)** community.

The conference themes were structured to address most of the current challenges in sustainable chemical engineering, covering green and sustainable technologies, industrial biotechnology, renewable energy and Power-to-X systems, artificial intelligence for sustainability, process engineering, the circular economy, chemical and polymer recycling, digitalization, carbon capture and utilization, Life Cycle Assessment, biomanufacturing, digital twins, and the development of Safe and Sustainable-by-Design materials and processes.

Besides the **145 scientific presentations**, scientific excellence was further strengthened through **four plenary lectures** – delivered by **Fengqi You** (Cornell University, USA), **Bhavik Bakshi** (The Ohio State University, USA), **Marc-**

Olivier Coppens (University College London, UK), and **Stratos Pistikopoulos** (Texas A&M University, USA) – as well as **12 keynote lectures**, namely Antonio Del Rio Chayona (Imperial College London, UK), Dimitris I. Collias (University of Pennsylvania, USA), Vladimir Mahalec (McMaster University, USA), Gonzalo Guillén Gosálbez (ETH Zurich, CH), Meihong Wang (University of Sheffield, UK), Stavros Papadokonstantakis (TU Wien, AT), Constantinos Theodoropoulos (The University of Manchester, UK), Dimosthenis Sarigiannis (National Hellenic Research Foundation, GR), César Arturo Aceves Lara (INSA Toulouse, France), Shiju Raveendran (University of Amsterdam, NL, Vitor Martins dos Santos (Wageningen University & Research, NL), and Athanasios Papadopoulos (CERTH, GR), covering a diverse range of emerging research areas, including plastics recycling, advanced process modelling, digital twins for bioprocesses, industrial biotechnology, LCA, CCUS, circularity, and SSbD.

Beyond the scientific sessions, the conference placed strong emphasis on strengthening interactions between research and industry by hosting a parallel **Industry Day**, promoting discussions among industrial companies, SMEs, research organizations, European platforms, and EU-funded projects. The parallel activities included panel discussions involving **13 representatives from academia, industry, and European platforms**; a dedicated session featuring presentations from **SSbD projects; startup and industrial pitches**; and an open meeting of the **European SusChem community**. These activities strengthened networking opportunities, facilitated the exchange of engineering best practices, and promoted the development of new European collaborations and future project initiatives.

In addition, SuSChemE–SUSTENS2 supported education and practical knowledge transfer through **four hands-on workshops**, freely accessible to all participants, introducing rapidly evolving methodologies and digital tools that are shaping the future of sustainable engineering. The workshops covered (i) Artificial Intelligence in Engineering; (ii) Life Cycle Assessment Tools; (iii) Digital Twins & Metabolomics; and (iv) Data Fabric & Twinning Services for Industrial Biotechnology.

The successful organization of SuSChemE–SUSTENS2 was further strengthened by the valuable support of 28 sponsors and supporters, including eight EU-funded research projects, whose contributions significantly enhanced the scientific quality and international visibility of the conference.

Dissemination of scientific knowledge was further supported through **multiple indexed publication opportunities**, including:

- Open-access Scientific Book of Abstracts published by Scientific.Net
- IOP Conference Series: **Earth and Environmental Science**
- Special Issues for full-length manuscript submissions in:
  - **Industrial & Engineering Chemistry Research** (IF: 3.9, ACS)
  - **Biochemical Engineering Journal** (IF: 3.8, Elsevier)
  - **Sustainable Chemistry for Climate Action** (IF: 9.1, Elsevier)

The conference also celebrated excellence through five awards recognizing outstanding scientific and industrial achievements by students, researchers, and innovative companies. Awards were presented for the **Loukas Kollias Student Award, Best Oral Presentation, Best Poster Presentation, Startup Innovation,** and **Industrial Best Practices** (see photo above). Through these awards, the conference ensure its commitment to support scientific excellence, innovation, industrial impact, and the next generation of chemical engineers.

Through its activities and initiatives, SuSChemE–SUSTENS2 has evolved into more than a scientific conference, attracting a diverse and multidisciplinary audience while fostering scientific dissemination, cross-sectoral knowledge exchange, networking, and collaboration. In doing so, it continues to contribute to advancing sustainable chemical engineering and supporting the transition towards a more sustainable and circular industrial future.

The organizing committee (see photo below) would like to express its sincere appreciation to all participants, speakers, reviewers, session chairs, sponsors, partners, and volunteers whose enthusiasm and commitment contributed to the success of the conference. Building on this strong foundation, SuSChemE–SUSTENS2 reinforced its position as an event-forum for sustainable chemical engineering and looks forward to continuing this successful initiative in future editions.

MEMBER SOCIETY NEWS

CROATIAN SOCIETY OF CHEMICAL ENGINEERS CELEBRATES ITS 30TH BIENNIAL CONFERENCE

The **30th Croatian Meeting of Chemists and Chemical Engineers (30HSKIKI)** is jointly organized by the Croatian Society of Chemical Engineers and the Croatian Chemical Society in Dubrovnik (Sheraton Dubrovnik Riviera Hotel, Srebreno), from **6 to 9 April 2027**.

The meeting has traditionally been organized on a biennial basis (since 1969). It gathers regularly around 500 chemists and chemical engineers from Croatia and neighboring countries, coming both from academia and industry, which contribute to the Meeting with their posters and oral presentations. The official language of the Meeting is English. A satellite exhibition of chemical laboratory equipment and instrumentation, computer software and hardware, literature, and other relevant material, will be organized as well.

The following sections will be involved: Chemistry, Chemical and Biochemical Engineering, Materials, Environmental Protection, and Education (the last section in English and Croatian).

The meetings have a long history of hosting distinguished scientists as plenary lecturers. Thus, we were honored to welcome the talks given by a series of Nobel laureates: V. Prelog, R. Huber, J.-M. Lehn, R. Ernst, A. Yonath, D. Shechtman, and B. Feringa, as well as many other renowned academics, such as P. W. Atkins, G. Baldi, R. Darton, B. Delmon, G. F. Froment, R. Gani, J. M. Le Lann, L. Riekert, D. W. T. Rippin, E. U. Schlunder, K. Schugerl, K. B. Wiberg, M. Zlokarnik…

The full-length papers of scientific contributions presented at the Meeting will be gladly considered for the publication in the *Chemical and Biochemical Engineering Quarterly* and *Croatica Chemica Acta* journals, published by the two societies organizing this Meeting.

In addition to a broad and vibrant scientific program, the inspiring town of Dubrovnik, a UNESCO World Heritage site worldwide known as a "Pearl of the Adriatic", will make this conference unforgettable.

For further information, visit the conference website at: https://30hskiki.org/

INTERNATIONAL COOPERATION

CARLOS NEGRO ASSUMES CHAIRMANSHIP OF THE WORLD CHEMICAL ENGINEERING COUNCIL

On 29 May 2026, the World Chemical Engineering Council (WCEC) announced a significant leadership transition. **Professor Carlos Negro**, Complutense University of Madrid, Spain, long-standing Vice-Chairman of WCEC took over the role of Chairman of the World Chemical Engineering Council, succeeding Professor Guohua Chen, China.

Read more on the WCEC website

COOPERATION WITH APCCHE

APPLY FOR FREE AND DISCOUNTED REGISTRATION AND APCCHE CONGRESS 2027

As part of the Memorandum of Understanding (MOU) between EFCE and the Asian Pacific Confederation of Chemical Engineering (APCChE), EFCE and APCChE agreed to offer free and discounted registration to selected events:

55th Chemeca

28-30 September 2026, Marvel Stadium in Melbourne, Australia

Chemeca is organized by the Australian and New Zealand Federation of Chemical Engineers (ANZFChE). It is the annual conference for the Australian and New Zealand community of chemical and process engineers and industrial chemists.

Website: https://www.chemeca.org/

Offer: One free and six discounted registrations (early-bird registration fee) are available for EFCE representatives. If you are a member of one of the EFCE Member Societies and have submitted an abstract for the above conference you may apply for the free and discounted registration by sending your abstract to the EFCE secretariat at: office@efce.info

In addition, for Chemeca, early bird registrations is especially open for EFCE delegates until 1 August 2026.

In addition, 20% discount on relevant Sponsorship fees is offered to EFCE-presented companies interested in participating as Sponsor or Exhibitor in the above-mentioned event.

The congress is held in conjunction with Chemeca 2027 and has the theme "Collaborating to deliver a secure, sustainable and equitable future."

APCChE Congress 2027 will bring together the brightest minds, global innovators, and influential decision-makers from across the Asia-Pacific and beyond, creating a powerful platform for collaboration, discovery, and industry advancement. The event will feature plenaries, keynotes, lectures, workshops, and poster sessions, bringing together academics and industry professionals from the Asia-Pacific region and beyond.

The Congress provides a dynamic platform for knowledge exchange, networking, and collaboration, featuring keynote presentations, technical sessions, panel discussions, and interactive workshops covering the latest advancements and challenges in chemical engineering. Delegates will also have opportunities to engage with innovative technologies, research initiatives, and global industry trends, while connecting with peers and leaders shaping the future of the profession.

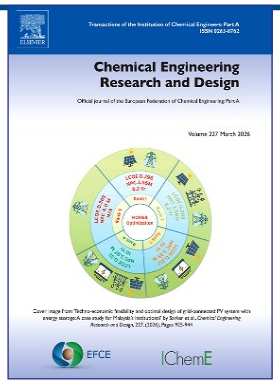
With over 15 member countries and global corresponding members, APCChE Congress 2027 promises to be an unmissable event for those driving innovation, sustainability, and professional excellence in chemical engineering.

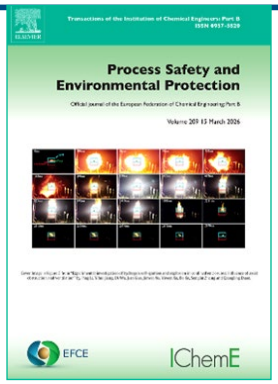
Call for papers: The timeline for abstract submissions is as follows:

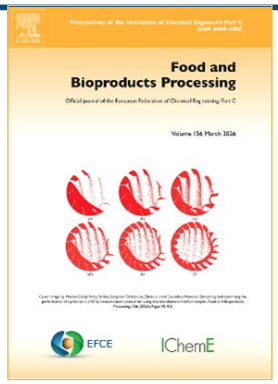
Call for Abstracts Opens: **1 October 2026**

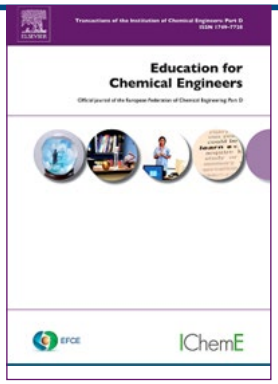
Abstracts Close: **3 May 2027**

Website: https://apcche27.com/









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 LinkedIn:

Chemical Engineering Research and Design
https://www.linkedin.com/company/chemical-engineering-research-and-design/

Food and Bioproducts Processing
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Sustainable Production and Consumption
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Carbon Capture Science and Technology
https://www.linkedin.com/in/ccst-journal-a084a9212/

Digital Chemical Engineering
https://www.linkedin.com/company/digital-chemical-engineering

Process Safety and Environmental Protection
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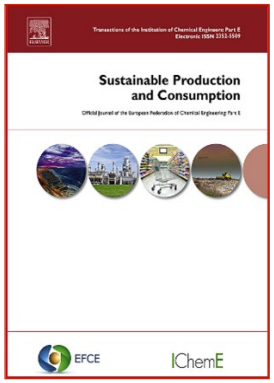
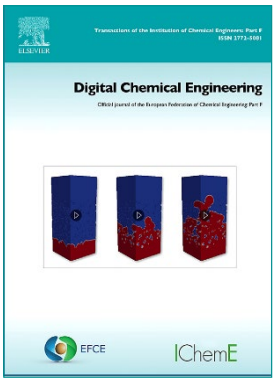
Chemical Engineering Research and Design

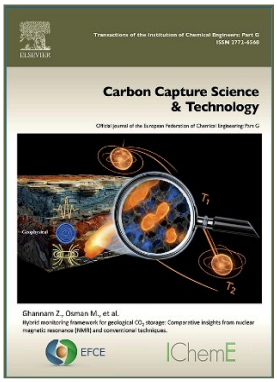
https://www.sciencedirect.com/journal/chemical-engineering-research-and-design

Freely available content:

- Special Issue of the 27th International Congress of Chemical and Process Engineering (CHISA 2024)
  https://www.sciencedirect.com/special-issue/10DSP19RFWC
- January 2026 issue (volume 225)
  https://www.sciencedirect.com/journal/chemical-engineering-research-and-design/vol/225/suppl/C







Process Safety and Environmental Protection

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

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- Process Safety Integration: Loss Prevention Technologies for Disaster Protection and Industrial Activities (ISUIS 2024) https://www.sciencedirect.com/special-issue/10MBB42KJDM
- January 2026 issue (Volume 205) https://www.sciencedirect.com/journal/process-safety-and-environmental-protection/vol/205/suppl/C

Food and Bioproducts Processing

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

Freely available content:

- Microbe-assisted food and bioproducts processing: Emerging approach for Sustainable food production and security https://www.sciencedirect.com/special-issue/10J7Z1B7VD1
- January 2026 issue (Volume 155) https://www.sciencedirect.com/journal/food-and-bioproducts-processing/vol/155/suppl/C

Education for Chemical Engineers

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

Freely available content:

- January 2026 issue (Volume 54) https://www.sciencedirect.com/journal/education-for-chemical-engineers/vol/54/suppl/C

Sustainable Production and Consumption

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

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- The SPC article winning the IChemE Hutchison Medal, 2026 '*Beyond greenhouse gases – Comprehensive planetary boundary footprints to measure environmental impact*' https://doi.org/10.1016/j.spc.2024.10.009
- January 2026 issue (Volume 62) https://www.sciencedirect.com/journal/sustainable-production-and-consumption/vol/62/suppl/C

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- The 12th Trondheim Conference on CO_2 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 CO_2 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 to all for submissions.
If you require any further information then please contact Managing Editor Colin Smith csmith@icheme.org

Details as follows:

Process Safety and Environmental Protection

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

Special Issue: Innovations in Disaster Management: Integrating Safety Research into Operational Practices (Manuscript submission deadline **01 November 2026**)

Special Issue: MeCCE. Transforming the Industry, Shaping the Future (Manuscript submission deadline **05 December 2026**)

Education for Chemical Engineers

https://www.sciencedirect.com/journal/education-for-chemical-engineers/about/call-for-papers

Special Issue: Advances in chemical engineering education in China (Manuscript Submission Deadline **01 September 2026)**

Carbon Capture Science and Technology

https://www.sciencedirect.com/journal/carbon-capture-science-and-technology/about/call-for-papers

Special Issue: Metal Organic Frameworks from Molecular Design to Scalable Applications: Advances in Synthesis, Processing, and Deployment (Manuscript submission deadline **01 September 2026**)

Special Issue: Synergies between Carbon Capture, Utilisation, and Storage Technologies and Building Materials (Manuscript submission deadline **01 December 2026**)

Special Issue: 2026 IChemE and CCST Distinguished Investigator Awards (Manuscript submission deadline **31 December 2026**)

EFCE Events in 2026-27
Events organised by or on behalf of EFCE

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

28th International Congress of Chemical and Process Engineering – CHISA 2026

Prague, Czech Republic, 23-27 August 2026 (EFCE Event No. 826)

CHISA 2026 is organised by the Czech Society of Chemical engineering under the theme '*The future of the world relies on engineers: chemical engineers meet at CHISA*'.

CHISA – the world's chemical engineering congress with the longest tradition. What makes CHISA truly unique is its almost family-like atmosphere: students and young researchers meet world-renowned experts at the same table, creating space for genuine networking, exchange of ideas, and intergenerational connections. This spirit of openness and collaboration is the hallmark of CHISA, making every edition a special experience.

Topics: Global Thoughts; Energy; Matter In Motion; Not Only Faster; Particles; Green Issues; You must know; College; Process Integration, Modelling and optimisation for Energy Savings and Pollution Reduction. For details click here

Plenary speakers: Patricia Luis Alconero, Catholic University of Louvain, Belgium; Enis Leblebici, KU Leuven, Belgium; Edwin Zondervan, University of Twente, The Netherlands; Dmitry Murzin, Abo Akademi, Finland; Jozef Chmelař, ContiPro, Czech Republic. For information about the Welcome ceremony, Congress concert, students beer party and Congress dinner see Social Programme – CHISA 2026 Prague.

Programme: The final programme is now available at: secure.confis.cz/chisa2026/Programme/

Congress Awards: Best poster competition for students 2026.

Register now!

Website: https://2026.chisa.cz

13th International Conference on Distillation and Absorption – D&A 2026

Salzburg, Austria, 30 August – 2 September 2026 (EFCE Event No. 821)

Distillation and Absorption 2026 is organised by the EFCE Working Party on Fluid Separations in cooperation with DECHEMA e.V.

The conference will cover a broad range of fundamental and applied aspects of distillation and absorption technology. Plenary lectures, oral presentations in two parallel sessions and poster sessions will be offered. Beyond that we are confident that numerous sponsors and exhibitors will present their product range and research.

Topics: Novel, Fine, Pharma and Biochemical Processes; Basic Data including AI and ML; Modelling and Simulation including AI and ML; Control, Operation and Process Troubleshooting; New Methods, Equipment and Process Designs Intensified Processes, Additive Manufacturing, Special Driving Forces, Hybrid Processes; Carbon Capture Technologies and Sustainability Assessment; Energy and material transition Integration and Efficiency, Electrification, Flexibility, Circular Economy; Education.

Programme:

- Go to Lecture Programme
- Go to Poster Programme

Award presentation: EFCE Excellence Award in Fluid Separations

Sponsors: ENVIMAC Engineering GmbH, Koch Engineered Solutions GmbH, Ruhr-Universität Bochum, Sulzer.

Register now!

Website: https://dechema.de/en/da2026.html

18th European Conference on Mixing – Mixing18

Limerick, Ireland, 30 August – 2 September 2026 (EFCE Event No. 827)

Mixing18 is organised by the EFCE Working Party on Mixing and hosted at the University of Limerick.

Conference Theme: *Smarter Mixing – for More Sustainable Processes and Products* Innovation that drives efficiency, reduces environmental impact, and delivers real-world benefits. MIXING18 will explore cutting-edge advances in mixing science and technology with a strong emphasis on sustainability, digital innovation, and practical impact across

industries. It will focus on innovations that enable efficient, low-energy, and environmentally responsible mixing solutions.

Key Themes: Single-phase and multiphase mixing: laminar and turbulent regimes; Handling complex fluids (non-Newtonian, viscoelastic, emulsions, suspensions); CFD models and advanced simulations; Mixing and heat/mass transfer; Mixing and aeration in (bio)pharmaceutical and biotech systems; Reactive mixing, crystallisation, dissolution, precipitation; Mixing in continuous and intensified processes (micro/milli-reactors, plug flow) For details click here

Programme: The final programme is now available at: https://mixing18.dryfta.com/program-schedule

With 10 sponsors, 5 keynote speakers, 46 oral presentations in 10 sessions, and 50 poster presentations, this premier conference promises to become a successful scientific event. It continues in the best tradition of the European Mixing conferences, intended to inform all scientists and engineers with a professional interest in mixing about the recent developments in the field. This time, a separate session is devoted to mixing at various scales and in different devices as explored and used for (bio)pharmaceutical processes. The accompanying social events (an excursion to the Cliffs of Moher, a BBQ, and a stylish conference dinner with live Irish music) also look attractive.

Sponsors: SPX Flow, M-Star, EKATO RMT (Platinum sponsors); SimVantage (Gold sponsor); A2 Photonic Sensors SAS, Eli Lilly Kinsale Ltd., Johnson&Johnson, MSD, RINN (Silver sponsors).

Award presentations: EFCE Lifetime Recognition Award and Young Researcher Award in Mixing

Register now!

Website: https://mixing18.dryfta.com/

European Forum for Engineering and Catalysis Towards Sustainability – effects2026

Milan, Italy, 31 August – 4 September 2026 (EFCE Event No. 842)

The second edition of the European Forum for Engineering and Catalysis Towards Sustainability (effects) is an official YEuCat event, endorsed by the European Federation of Catalysis Societies (EFCATS) and organised under the auspices of the Italian Association of Chemical Engineering (AIDIC) and the Group of Catalysis (GIC) of the Italian Chemical Society (SCI). The forum will focus on an interactive and interdisciplinary discussion on the role of catalysis and reaction engineering in the current push towards the energy transition and a more sustainable chemical industry. Participants will also engage in teamwork activities to develop and pitch a competitive research proposal in the field of catalysis. The program includes a visit to the ENI Research Center in San Donato Milanese to provide insight into industrial research and innovation.

Topics: The program emphasises the collaborative aspect of research and revolves around interdisciplinary and interactive problem-solving tasks. Participants will work in groups on case studies of high relevance, with input from industrial partners. Fundamentals and a perspective on these problems will be provided by three invited speakers working in the areas of catalysis and/or reaction engineering. Additionally, participants will present and discuss their own work in either a pitch presentation or a poster session.

Invited speakers: Prof. Enrico Tronconi, Politecnico di Milano, Italy; Dr. Roberta Villamaina, Johnson Matthey, United Kingdom; Dr. Tilman Schildhauer, Paul Scherrer Institute, Switzerland.

Website: https://www.youngcatalysis.net/effects-2026

14th PhD-Student Workshop on Polymer Reaction Engineering

Potsdam, Germany, 5-7 September 2026 (EFCE Event No. 840)

The PhD-Student Workshop is organised by the EFCE Working Party on Polymer Reaction Engineering in conjunction with the 15th International Workshop on Polymer Reaction Engineering (PRE XV) will take place directly after the workshop, from September 8th to 11th, in the same location. The organisers are very thankful to the host, Fraunhofer IAP, for making their conference center available as this year's venue.

This workshop is specifically designed for Ph.D. students seeking contact with fellow students and the polymer industry.

The PhD-workshop is kindly supported by BASF, Lummus Technology, CiT Wiley-VCH, ARLANXEO, PDW Analytics GmbH and TDI GmbH.

Website: https://www.chemie.tu-darmstadt.de/busch/forschung_akbusch/wppre/formular.en.jsp

23rd International Symposium on Industrial Crystallisation – ISIC 2026

Budapest, Hungary, 6-9 September 2026 (EFCE Event No. 837)

ISIC 2026 is organised by the EFCE Working Party on Crystallisation in cooperation with the Budapest University of Technology and Economics and

AKCongress. Organised every three years, the ISIC series has become an important source of information in the field of industrial crystallisation and provides ample opportunities for participants to establish personal contacts and engage in discussions.

The 23rd conference is planned to be organised around five general themes that cover most aspects of the current science and technology of crystallisation: Fundamentals of crystallisation; Crystallisation and precipitation in fine chemical, specialty and life-science industries; Developments in large scale industrial crystallisation; Contributions of crystallisation to sustainability; and Integrated process design: Crystallisation in the industrial process chain.

The symposium will also be a unique occasion for students to introduce their work, and for exhibitors to meet their customers.

Topics: Fundamentals of crystallisation (thermodynamics, kinetics, polymorphism, etc.); Crystallisation in fine chemicals, specialty and life-science industries; Developments in large-scale industrial crystallisation; Crystallisation for sustainability; Integrated process design: crystallisation in the industrial process chain (reaction – work-up – recycle); Crystal engineering (polymorphism prediction, crystal habit control); Data-driven modelling, data science for design, control and technology transfer; Advances in process monitoring; Mechanistic modelling and numerical/analytical solution methods.

Plenary speakers: Michael F. Doherty, University of California, USA; Kerstin Forsberg, KTH – Royal Institute of Technology, Sweden; Jerry Heng, Imperial College London, UK; Elena Simone, Politecnico di Torino, Italy; Hiroshi Takiyama, Tokyo University of Agriculture and Technology, Japan.

Programme: The tentative lecture programme and poster programme are now available!

Tutorials: All ISIC 2026 participants are invited to attend the Tutorials & Workshops on the first day of the conference. To attend the program, a separate registration is required, which can be completed in the online account under "Optional programs".

Register now! Registration deadline for standard fee: 15 August 2026

Sponsors: BlazeMetrics (Platinum sponsor), Laminar (Silver sponsor); Exhibitors: BlazeMetrics, Technobis, Crystal Vision, Mettler Toledo, CrystalGrower, Zaiput Flow technologies, Secoya Technologies, XtalPi, Pixact Ltd., CMAC (Continuous Manufacturing and Advanced Crystallisation), Cambridge Crystallographic Data Centre (CCDC).

Website: https://akcongress.com/isic2026/

XIX European Symposium on Comminution and Classification – ESCC 2026

Naples, Italy, 27-30 September 2026 (EFCE Event No. 816)

ESCC 2026 is organised by the EFCE Working Party on Comminution and Classification in cooperation with the Italian EFCE Member Society AIDIC, the Italian Association of Chemical Engineering.

Topics: Fundamentals of particle breakage; Particulate characterisation; Mechanisms of grinding, dispersing and classification; Modelling of comminution and classification processes; Wear, erosion, contamination; Technological application fields of comminution and classification such as: chemical engineering operations and reactors, recycling industry and waste processing, environmental applications and renewable energy, mining, food, pharma, battery industry; Mechanochemical and mechanofusion processes, bulk and surface mechanical transformations, mechanical alloying; Plant operation, control and energy optimisation in milling and classification processes; Innovative materials for comminution and classification; Powders flowability and floodability in milling operations, grinding aids; Cell disintegration and recovery of high added-value products; Application of machine learning, automation and artificial intelligence to comminution and classification processes.

Plenary Speakers: Prof. Luís Marcelo Tavares, Federal University of Rio de Janeiro, Brazil; Prof. Arno Kwade, Braunschweig University of Technology, Germany; Prof. Giancarlo Cravot-to, University of Turin, Italy

Programme: The provisional programme is now available here.

Exhibition and Sponsorship: Gold Sponsor & Exhibitor: EMME3 srl; Silver Sponsor: HOSOKAWA ALPINE; Bronze Sponsor & Exhibitor: De Gruyter; Exhibitors: VERDER SCIENTIFIC, MDPI.

Register now!

Website: https://www.aidic.it/escc2026/

International Conference on Chemical Engineering as Applied to Medicine – ChEMed 2026

Cagliari, Italy, 26-28 October 2026 (EFCE Event No. 828)

ChemEMed 2026 is organised by the EFCE Section on Chemical Engineering as Applied to Medicine in cooperation with the Italian EFCE Member Society

AIDIC, the Italian Association of Chemical Engineering. The main goal of the conference is to provide a forum for discussing the use of the scientific basis and methods of chemical and process engineering to solve various problems in physiology, medical diagnosis and therapy, health care, toxicology, etc.

Topics Process Systems Engineering Approach to Physiology; Mass Transfer in Physiological Systems and Artificial Organs; Novel Drug Delivery Systems; Concepts of Process Intensification in Medical Applications; Advanced Biomaterials for Tissue Engineering and Regenerative Medicine; Nanotechnology applied to Drug Delivery and Theranostics; Machine Learning and Other Modeling Methods in Medical Engineering.

Plenary speakers: Prof. Alberto Mantovani, MD, Pathology at the Humanitas University in Milan, Italy and Emeritus Scientific Director of the Istituto Clinico Humanitas, Italy; Prof. Dr. Jesús Santamaria Ramiro, University of Zaragoza, Spain.

Programme: The final programme will be available in September 2026.

Exhibition and Sponsorship: Gold Sponsor & Exhibitor: EMME3 srl; Silver Sponsor: HOSOKAWA ALPINE; Bronze Sponsor & Exhibitor: De Gruyter; Exhibitors: VERDER SCIENTIFIC, MDPI.

Register now!

Website: https://www.aidic.it/cheme26/

International Conference on Process Engineering – IPEC 2026

Tashkent, Uzbekistan, 22-25 November 2026 (EFCE Event No. 833)

IPEC 2026 welcomes you to the first international scientific conference on Process Engineering in Uzbekistan, organised by AIDIC. Uzbekistan is making an effort to increase the level of technology development, innovation, drive toward sustainability and circular economy and the conference represents an opportunity for local participants to learn about the latest findings and trends in these sectors; furthermore it gives an opportunity for networking and expanding collaborations with foreign organizations. Furthermore, the conference aims to give to foreigners the opportunity to discover or know better Uzbekistan and visit before or after the conference its treasures.

Topics: Process Systems Engineering, Digitalization, Artificial Intelligence; Biomass and Bioprocess Engineering for Circular Economy; Wast Environment and Management of Natural Resources; Safety in Design, Construction and Operation; Process Intensification; Electrochemical Engineering; Chemical Reaction Engineering; Separation Technology and Thermodynamics; Fluid Mechanics and Transport Phenomena; Product Design and Innovative Materials; Pharmaceutical Engineering and Chemical Engineering Applied to Medicine; Education and Use of Digital Tools.

Plenary Speakers: George Stephanopoulos, Massachusetts Institute of Technology (MIT), USA; Dan Yang, University of Western Australia (UWA), Australia.

Programme: The final programme will be available in October 2026.

Sponsorship: Please take a look at our SPONSORSHIP GUIDE. If you wish to participate in the Sponsorship Programme of the Congress, please contact the conference secretariat ipec2026@aidic it for details.

Register now! Early-bird registration deadline: 10 September 2026

Website: https://aidic.it/ipec2026/

European Symposium on Chemical Reaction Engineering – ESCRE 2027

Milan, Italy, 23 - 26 May 2027 (EFCE Event No. 834)

ESCRE 2027 is organised by the EFCE Working Party on Chemical Reaction Engineering in cooperation with the Italian EFCE Member Society AIDIC, the Italian Association of Chemical Engineering. This event aims to provide a platform for exchanging the latest information on industrial needs, new technological developments, and research opportunities in chemical reaction engineering. The conference will feature plenary lectures by invited speakers, selected lecture presentations, and poster sessions. The conference proceedings will be published in an electronic Book of Proceedings.

Topics: Reaction Kinetics and Mechanisms; Catalytic and Functional Materials for Chemical Reaction Engineering; Chemical Reactors: fundamentals, design, and applications; Modeling, Simulation and Digitalization in Chemical Reaction Engineering; Chemical Reaction Engineering at the Interface with Other Disciplines; Reaction Engineering for Energy Transition and Sustainability. For details click here

Plenary Speakers: Dr. Pratima Rangarajan, CEO of Climate Investment, UK; Prof. Piero Salatino, University of Naples Federico II, Italy.

Call for Papers: The call for papers is open. Deadline for abstract submission: **15 December 2026** Abstracts for the conference must be submitted in English, following the template available on the conference website.

Exhibition and Sponsorship: Download here the Sponsorship Guide with sponsorship packages description and exhibition solutions. For any further information, please contact escre2027@aidic.it for details.

Website: https://www.aidic.it/escre2027/

EFF 2027 - International Conference on Engineering Future Food

Bolzano, Italy, 13-16 June 2027 (EFCE Event No. 845)

Save the date
Website under construction

ACHEMA 2027

Frankfurt/Main, Germany, 14-17 June 2027 (EFCE Event No. 831)

ACHEMA is the world forum for chemical and pharmaceutical engineering, process engineering, biotechnology and industrial environmental technology and the world's leading trade show for the life science and process industries. Modern, interactive and always up to date: With a unique range of topics, exciting innovations and new event formats, the world's leading trade show for the life science and process industries brings together experts, decision makers and trendsetters from all over the world.

The six ACHEMA Innovation Themes translate the motto "UNLEASH INNOVATION. ACCELERATE FUTURE" into a uniquely diverse programme that is unparalleled world wide. More than 900 Congress and Innovation Stage sessions, complemented by numerous highlights across six theme worlds, inspire participants and encourage them to seek new solutions and partners for the projects of today and tomorrow

For Exhibitors: Become an exhibitor at ACHEMA 2027 now to further expand your market position. Create a unique trade show experience to impress your visitors. Check the compiled exhibitor information for details. ACHEMA innovation partnerships offer your company excellent opportunities to showcase its expertise at World Forum for Life Science and Process Industries. Enquire about innovation partnerships now: achema@dechema.de

ACHEMA Start-Up Award (for businesses stated after 1 January 2024)

For Visitors: The call for papers for the ACHEMA congress is open. Deadline: **4 October 2026**

ACHEMA Congress attracts researchers, developers, expert users and visionaries. Together they discuss the latest technical developments and solutions for the current and future challenges of the life science and process industries. A total of six innovation themes – 'Digital', 'Energy', 'Green', 'Lab', 'Pharma' and 'Process' – form the overarching framework for the congress programme. Congress topics range from "AI for the process industry" and "Bioprocessing & next-generation therapeutics" to "Industrial water management" and "Water as a critical resource for industrial transformation".

Website: https://achema.de/en

International Conference on Chemical and Process Engineering - ICHEAP18

Turin, Italy, 4-7 July 2027 (EFCE Event No. 835)

The 18th International Conference on Chemical and Process Engineering (ICheaP 18) is organised by the Italian EFCE Member Society AIDIC. This event presents an opportunity to exchange up-to-the-minute information on industrial needs, new technology developments, and research opportunities. The conference will feature plenary lectures, lecture presentations, and poster sessions. The full set of selected papers will be published in the Chemical Engineering Transactions Journal, indexed by SCOPUS and SCHOLAR.

Topics: Sustainable biomass and industrial biotechnology; Environment, circular economy and carbon management; Energy transition, electrification and safety; Reaction engineering and catalytic processes; Separation processes and transport phenomena; Particle, materials and product engineering; Process systems engineering, AI and digitalization; Pharmaceutical and biomedical engineering; Emerging topics in chemical engineering. For details, click here

Plenary Speakers: Dr. Artur M. Schweidtmann, Department of Chemical Engineering at Delft University of Technology, The Netherlands.

Call for Papers: The call for papers is open. Deadline for abstract submission: **15 November 2026.**

Exhibition and Sponsorship: Download here the Sponsorship Guide with sponsorship packages description and exhibition solutions. For any further information, please contact icheap18@aidic.it for details.

Website: https://www.aidic.it/icheap18/

EuroDrying2027 - 10th European Drying Symposium

Magdeburg, Germany, 5-7 July 2027 (EFCE Event No. 843)

The 10th European Drying Conference (EuroDrying 2027) is organised by the EFCE Working Party on Drying in cooperation with the Otto von Guericke University Magdeburg, Germany. It aims to bring together experts from industry and academia to discuss the latest advancements in drying technology.

Topics: New dewatering and drying technologies; Data-driven (AI) modelling and sensing approaches; Industrial processes and equipment; Electrification and CO2 reduction; Advanced product and material design.

Call for papers: The call for papers is open. Deadline for abstract submission: **15 December 2026.**

Exhibition and Sponsorship: Exhibition and sponsoring opportunities are available. Please refer to the conference website for more information.

Programme: The conference will feature a three-track presentation programme. Additionally, there will be a poster session. Opportunity to publish a full paper in a Special Issue of Drying Technology Journal (Taylor & Francis) will be offered to selected contributions after the event.

Registration: Registration is open. Early bird registration deadline: **1 February 2027**

Website: **https://www.eurodrying2027.de**

16th European Congress of Chemical Engineering and 9th European Congress of Applied Biotechnology – ECCE16 and ECAB9

Edinburgh, Scotland, 12-16 September 2027 (EFCE Event No. 783)

The flagship event of EFCE is organised by IChemE. The Congress, hosted at the Edinburgh International Conference Centre (EICC), will bring together more than 1000 researchers, academics and industrialists to share ideas, experience and insight. Be part of the UK's biggest chemical engineering event for over 20 years!
The overarching theme of the 2027 ECCE & ECAB is "*Engineering a Sustainable World*".

In addition to the scientific areas covered by the EFCE Working Parties and Sections and the ESBES Sections, the congresses will focus on the most relevant United Nations Sustainable Development Goals: Zero Hunger, Good Health & Well-Being, Clean Water & Sanitation, Affordable & Clean Energy, Industry, Innovation & Infrastructure, Sustainable Cities & Communities, Responsible Consumption & Production, and Climate Acton.

Call for papers: The call for papers will open in September 2026 and close in January 2027.

Sign up for our newsletter to receive further updates.

Sponsorship and exhibition: Sponsoring or exhibiting at the event is an excellent opportunity to raise your profile within the community before and during the event. Packages to suit all budgets are available. Contact conferences@icheme.org for more information.

Website: **https://www.ecce-ecab2027.org/**

European Process Intensification Conference – EPIC 2027

Bologna, Italy, 26-29 September 2027 (EFCE Event No. 836)

EPIC 2027 is organised by the EFCE Working Party on Process Intensification in cooperation with the Italian EFCE Member Society AIDIC, the Italian Association of Chemical Engineering. The conference provides a platform for exchanging the latest information on industrial needs, new technological developments, and research opportunities in the field of process intensification (PI). Process Intensification (PI) continues to play a pivotal role as a driver of innovation and sustainability in the process industries.

Topics: PI fundamentals; Equipment andTopics: PI fundamentals; Equipment and technologies; Digitalization for process intensification; Sustainability; Energy transition; Industrial Applications of PI; Scale-up, safety, operability; Education in PI. For details, click here

Call for papers: The call for papers is open. Deadline for abstract submission: **15 March 2027**. Abstracts of up to two pages in English are welcome.

Sponsorship: A sponsorship guide is available for download at: https://www.aidic.it/epic2027/images/Sponsorship_guide_epic2027.pdf

Website: **https://www.aidic.it/epic2027/**

4th International Conference on Energy, Environment and Digital Transition – E2DT 2027

Favignana, Italy, 3-6 October 2027 (EFCE Event No. 838)

The 4th International Conference on Energy, Environment & Digital Transition (E2DT 2027), is organised by the Italian EFCE Member Society AIDIC, the Italian Association of Chemical Engineering. The Conference will be hosted at Camparìa Favignana, the beautifully restored historic complex of the former Tonnara Florio di Favignana.

The Conference covers the latest advances in Energy, Environment, and Digital Transition and aims to provide an international forum for presenting and discussing the latest developments, challenges, and future perspectives.

Topics: Energy and Other Resources from the Sea; Alternative Energy Vectors for Marine Applications Advanced Materials for Energy and Environmental Applications; Water-Energy Nexus and Circular Water Systems; Hydrogen: Production, Storage and Utilization; Carbon Capture, Storage and Utilization Technologies; Production of Chemicals, Fuels and Energy from Biomass and Waste; Sustainability in Hard-to-Abate Sectors; Energy Storage for Renewable Energy Systems; Digitalization and Process Systems Engineering (PSE) Applications; Environmental Technologies, Pollution Control and Resource Recovery; Climate Change and Risk Management.

Call for papers: The call for papers is open. Deadline for abstract submission: **15 November 2026.** The full set of final selected papers will be published into Chemical Engineering Transactions Journal, indexed by SCOPUS and SCHOLAR.

Sponsorship: The sponsorship guide is available for download here. For any further information, please contact e2dt2027@aidic.it for details.

Website: h**ttps://www.aidic.it/e2dt2027/**

NINE 2027 - Congress on Nanotechnology based Innovation for the Environment, Energy and Health

Rome, Italy, 22 - 24 November 2027 (EFCE Event No. 846)

Save the date

Website under construction

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

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www.youtube.com/channel/UCxuvfbb5ST3DMHLAwZ6326w

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Every effort is made to ensure the factual accuracy of the content of this e-newsletter, but EFCE cannot accept any responsibility for errors.