



EFCE

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

NEWS AND EVENTS NOVEMBER 2020

EFCE SpotLight Talks

from
23 November
to
4 December
2020



EFCE

European Federation of Chemical Engineering

EFCE launches Spotlight Talks

Sample the work of EFCE's scientific group in ten free webinars

The European Federation of Chemical Engineers (EFCE) is organising a series of free **virtual spotlight talks** on significant topics in Chemical Engineering. Eleven of our technical groups (Working Parties and Sections) are delivering short sessions of three or four talks by leading industrial and academic experts on:

- **Chemical Reaction Engineering**
- **Education**
- **Energy**
- **Loss Prevention and Safety Promotion**
- **Mechanics of Particulate Solids**
- **Mixing & Multiphase Fluid Flow**
- **Process Intensification**
- **Quality by Design**
- **Static Electricity in Industry**
- **Thermodynamics and Transport Properties.**

Each session will focus on key topics in the area and the series enables attendees to sample topics in areas that they find interesting but may not otherwise have had the opportunity to attend to encourage cross fertilisation between specialist areas.

Energy talks will address the role of carbon capture and storage as we move to a negative carbon society bringing a Chemical Engineering

approach to the discussion. The Thermodynamics webinar will focus on thermodynamic tools for CO₂ capture. The Chemical Reaction session will address the role of electrification in the chemical industry. Quality by Design will discuss tools for the optimization of (bio)pharma processes such as a system modelling, machine learning and digital twins. The Multiscale Flow and Mixing session will explore a promising modelling approach using

Welcome to the autumn 2020 issue of the EFCE News. If you have any comments on the newsletter please get in touch.

Hermann Feise
EFCE President

In this issue:

- EFCE launches Spotlight Talks
- News from CHISA: Webinar and CHISA 2021 VIRTUALLY
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of macroscale “compartments” which differ in certain properties of the flow, concentration and particle characteristic while the Mechanics of Particulate Solids considers common problems with conventional solid materials and renewable feedstocks. Process Intensification will focus on embedding lifelong learning of this now relatively mature topic. Electrostatics in Industry will discuss some specific cases where practical lessons can be drawn. Loss Prevention and Safety discusses resilience and safety of industrial clusters. Education session will focus on the changes brought about by Covid-19 on teaching methods and the new tools put in place.

The EFCE promotes scientific collaboration and supported the work of chemical engineers and collaborating professionals in 30 European countries representing more than 100,000 chemical

engineers in Europe. With its Working Parties and Sections it covers all areas of Chemical Engineering.

EFCE’s Working Parties & Sections are at the core of the organisation and form the scientific engine that drives many of EFCE’s activities. Each of its 20 Working Parties focuses on a specific aspect of Chemical Engineering. They provide an important forum for networking among chemical engineers in Europe. Membership to the Working Parties is drawn from among EFCE’s Member Societies. The five Sections are open to any professional chemical engineer, or a specialist in a related field, who is willing to contribute to the activities of an EFCE Section and of the Federation.

Attendance is free. The full programme and registration details are available at: [www.efce.info/Spotlight Talks](http://www.efce.info/Spotlight_Talks)

Date	Time (CET)	Topic
23 November 2020	13:00–15:15	Electrostatics in industry: risks, measurements and materials <i>Working Party on Static Electricity in Industry</i>
24 November 2020	13:30–15:30	Engineering Loss Prevention and Safety 4.0 <i>Working Party on Loss Prevention and Safety Promotion in the Process Industries</i>
25 November 2020	11:00–13:00	CCU(vs.)S: How chemical engineering can shed light on challenges and opportunities of carbon capture and storage (CCS) and carbon capture and utilization (CCU) in a climate positive society? <i>Section on Energy</i>
26 November 2020	10:30–11:30	Electrification of the chemical industry <i>Working Party on Chemical Reaction Engineering</i>
27 November 2020	13:30–15:00	Handling of particulate solids <i>Working Party on Mechanics of Particulate Solids</i>
30 November 2020	10:30–12:00	Chemical engineering education in Covid-19 era - experiences in ensuring distance learning achieves the necessary learning outcomes? <i>Working Party on Education</i>
1 December 2020	09:00–11:00	Multiscale Mixing in Multiphase Flows <i>Working Parties on Mixing & Multiphase Fluid Flow</i>
2 December 2020	10:30–12:30	Lifelong Learning of Process Intensification for an Innovative industry <i>Working Party on Process Intensification</i>
3 December 2020	13:30–15:00	Thermodynamic tools for CO ₂ capture <i>Working Party on Thermodynamics and Transport Properties</i>
4 December 2020	13:30–15:00	Quality by Design tools for the Optimization of (BioH)Pharma Processes System Modelling, Machine Learning and Digital Twins <i>Working Party on Quality by Design</i>

News from CHISA

CHISA – De Gruyter – EFCE webinar

We are very pleased to inform you that the CHISA – De Gruyter – EFCE team is holding a second webinar on chemical engineering. The webinar is again free and it will be held on **Thursday, 26 November 2020, 13:30–15:00 CET.**

The scientific lecture will be delivered by **Prof. Reinhard Job**, FH Munster University of Applied Sciences (<https://www.fh-muenster.de/eti/personen/professoren/job/index.php>)

The treated topic is entitled: **Teaching Electrochemical Energy Storage to Engineers.**

The webinar will also feature an update on the CHISA Virtually congress which is now being prepared by a joint CHISA and DECHEMA team to be held in March 2021, under the auspices of the EFCE.

To join the webinar, register at:
https://dechema.zoom.us/webinar/register/WN_4piMnj2RQPuWz_TiVZ84yg

CHISA 2021 VIRTUALLY 15–18 March 2021

The Czech Society of Chemical Engineering (CSCHE) invites you to the upcoming

International Congress of Chemical and Process Engineering, CHISA, which will be held virtually from 15 to 18 March 2021. As all the CHISA Congresses in the past, also this one will cover a range of attractive topics and will offer many interdisciplinary links. However, this time, all the matter will be available online!

Join CHISA 2021 VIRTUALLY and cooperate with others to bring the highest level of the chemical engineering science to the congress on-line auditory.

Topics:

I. We Think Global; II. Energy First; III. Continuous Processing and Miniaturisation, Mixing; IV. Industry 4.0; V. Advanced Functional Materials, Structures and Components; VI. The Green Square; VII. The Essentials; VIII. Hand in Hand; VIII. The Wiley-VCH Poster Session.

For details see: <https://2020.chisa.cz/scientific-program/#main-topics>

The call for papers is open for your contribution to CHISA 2021 VIRTUALLY.

Join CHISA 2021 VIRTUALLY for keeping the chemical engineering community alive!

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

Call for Nominations

2021 Excellence Award in Thermodynamics and Transport Properties

The European Federation of Chemical Engineering (EFCE) is pleased to announce the call for nominations for the 2021 EFCE Excellence Award in Thermodynamics and Transport Properties. The Award recognises a PhD thesis and associated papers published in the preceding two-year period, which demonstrate an outstanding contribution to research and/or practice in thermodynamics and/or transport properties.

The award consists of a certificate, a cash prize of EUR 1,500, a travel grant (not exceeding EUR 500) and fee waiver to attend the 31st European Symposium on Applied Thermodynamics - ESAT 2021 (<http://www.esat2020.com/>) in Paris, France on 4-7 July 2021, where the award will be presented.

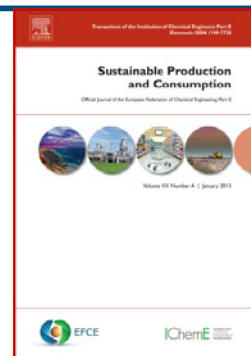
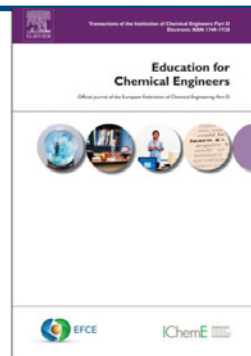
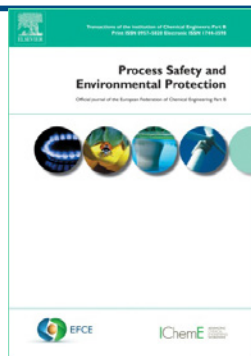
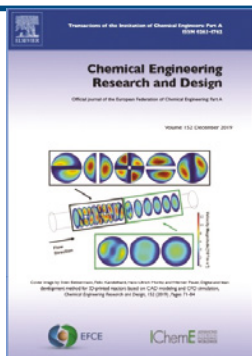
Nominations may be submitted by any PhD supervisor at a PhD-awarding institution in an

EFCE Member Country or by a member of a national or regional member association of EFCE.

The nominated PhD thesis and publication(s) must address a topic relevant to the field of thermodynamics and/or transport properties. The thesis must have been completed and published and the PhD degree examined and awarded between 1 January 2019 and 31 December 2020.

Closing date for nominations: 15 January 2021.

Further information about the nomination procedure, selection of candidates, eligibility, and supporting documentation, can be obtained from the Working Party on Thermodynamics and Transport Properties' website at: <https://wp-ttp.dk/> or from: <https://www.efce.info/ExcellenceAwardTTP.html>



News about the official EFCE journals

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:

- January 2020 issue (Volume 153) (Available for free until the end of 2020) <https://www.sciencedirect.com/journal/chemical-engineering-research-and-design/vol/153/suppl/C>
- Climate Change special issue (content from all IChemE journals brought together in this special collection) <https://www.sciencedirect.com/journal/chemical-engineering-research-and-design/special-issue/10PKDRV23KV>

Process Safety and Environmental Protection

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

Freely available content:

- **NEW** January 2021 issue (Volume 145) <https://www.sciencedirect.com/journal/process-safety-and-environmental-protection/vol/145/suppl/C>
- Climate Change special issue (content from all IChemE journals brought together in this special collection) <https://www.sciencedirect.com/journal/chemical-engineering-research-and-design/special-issue/10PKDRV23KV>

Food and Bioproducts Processing

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

Freely available content:

- January 2020 issue (Volume 119) <https://www.sciencedirect.com/journal/food-and-bioproducts-processing/vol/119/suppl/C>
- Climate Change special issue (content from all IChemE journals brought together in this special collection) <https://www.sciencedirect.com/journal/chemical-engineering-research-and-design/special-issue/10PKDRV23KV>

Education for Chemical Engineers

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

Freely available content:

- **NEW** Special Issue - Remote delivery of practical skills in chemical engineering education <https://www.sciencedirect.com/journal/education-for-chemical-engineers/special-issue/1040RH69WVP>
- January 2020 issue (Volume 30) <https://www.sciencedirect.com/journal/education-for-chemical-engineers/vol/30/suppl/C>

Sustainable Production and Consumption

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

Freely available content:

- **NEW** January 2021 issue (Volume 25) <https://www.sciencedirect.com/journal/sustainable-production-and-consumption/vol/25/suppl/C>

Invitation to submit papers

We have a number of special issues planned that are currently open for submission. Submissions from all welcome! If you require any further information then please contact Managing Editor Catherine Cliffe ccliffe@icheme.org

Details as follows:

Process Safety and Environmental Protection

Special Issue: Data-Driven Risk Analysis (Manuscript submission deadline **31 August 2020**) – <https://www.journals.elsevier.com/process-safety-and-environmental-protection/call-for-papers/special-issue-on-data-driven-risk-analysis>

Special issue: Safety and Risk Analysis in Digitalized Process Operations (Manuscript submission deadline **31 March 2021**) <https://www.journals.elsevier.com/process->

[safety-and-environmental-protection/call-for-papers/special-issue-safety-and-risk-analysis-in-digitalized-process](https://www.journals.elsevier.com/process-safety-and-environmental-protection/call-for-papers/special-issue-safety-and-risk-analysis-in-digitalized-process)

Sustainable Production and Consumption

Special Issue: International Trade and Climate Change (Manuscript submission deadline **30 November 2020**) – <https://www.journals.elsevier.com/sustainable-production-and-consumption/call-for-papers/special-issue-on-international-trade-and-climate-change>

Special Issue: Future of Sustainable Production and Consumption: Lessons from the COVID-19 pandemic (Manuscript submission deadline **30 November 2020**) – [https://www.journals.elsevier.com/sustainable-production-and-consumption](https://www.journals.elsevier.com/sustainable-production-and-consumption/call-for-papers/future-of-sustainable-production-and-consumption)

Efce News in Brief

EFCE Trustee Annual Report 2019 now available

Since its registration as a Charitable (CIO) in the UK, EFCE publishes an Annual Report prepared by the EFCE Officers.

The Trustee Annual Report 2019 is available on the EFCE website at:

https://efce.info/efce_media/Downloads/EFCE+Annual+report+2019.pdf

In Memoriam Professor Michael L Michelsen

Professor Michael Michelsen, Emeritus Professor at the Technical University of Denmark, passed away on 26 August 2020. His contributions in applied thermodynamics, both related to algorithms and models, are extremely well-known and he has certainly put his stamp on numerous aspects of this field and community. In 2014, EFCE and its Working Party on Thermodynamics and Transport Properties honoured him with their Distinguished Lecture in recognition of his outstanding work in the field of thermodynamics. He will be deeply missed.

3rd European Forum on New Technologies Chemical Engineering in the Plant of the Future 4 and 11 September 2020

The speakers' presentation slides and the links to the recorded talks on YouTube are now available at: <https://efce.info/3rd+European+Forum+on+New+Technologies.html>



Events organised by or on behalf of EFCE in 2020/22

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

14th Mediterranean Congress of Chemical Engineering *Barcelona, Spain, New date: 1-4 December 2020 (EFCE Event No. 768)*

The event is organised by SEQUI (Sociedad Espanola de Quimica Industrial e Ingenieria Quimica) in the frame of EXPOQUIMIA. The Congress will focus on the dissemination of the most recent advances and results related to Chemical Engineering Science.

Topics: Separation Technologies; Chemical Reactors; Processes Systems Engineering; Sustainable Development and Environmental Engineering; Food and Biochemical Engineering; Process and Product Engineering.

Plenary speakers: Renato Rota, Politecnico di Milano; Jorge Ruiz Royo, CEO Arandipur SL; Wayne Sim, 3esi and Aucerna.

Register NOW!

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

CHISA Virtual 2020 – 24th International Congress of Chemical and Process Engineering *Online, 15–18 March 2021 (EFCE Event No. 772)*

See 'News from CHISA'.

EEM21 - 7th International Congress Engineering, Environment and Materials in Processing Industry *Jahorina Mountain, East Sarajevo, Bosnia and Herzegovina, 17-19 March 2021 (EFCE Event No. 777)*

For the 7th time, the International Congress on Engineering, Environment and Materials in Processing Industry is organised by the Faculty of Technology, University of East Sarajevo.

EEM21 will continue to bring together leaders from industry and academia to exchange and share their experiences, present research results, explore collaborations and to spark new ideas, with the aim of developing new projects and exploiting new technology for sustainable

applications. The purpose of the event is to discuss the current topical issues, in a comprehensive and multidisciplinary manner, concerning sustainable development and protection of the environment and their application in science, technology and processing industry.

Topics: Chemical and Electrochemical Engineering; Food Engineering and Biotechnology; Environmental Engineering; Materials and Material Characterization; Nanotechnology; Inorganic Chemistry and Technology; Organic Chemistry and Technology, Polymers; Plasma Technology; Energy Efficiency and Renewable Energy Sources; Textile Engineering; Corrosion and Protection of Materials and Thermal Power Plants; Metallurgy; Management in the Processing Industry; General Sections.

Register NOW!

Website: <https://eem.tfzv.ues.rs.ba/>

ESCAPE-31 – 31st European Symposium on Computer Aided Process Engineering *Istanbul, Turkey, 6-9 June 2021 (EFCE Event No. 776)*

ESCAPE-31 event is organized under the auspices of the EFCE Working Party on Computer Aided Process Engineering (CAPE-WP), the Chamber of Chemical Engineers of Turkey (KMO), and Koc University, Istanbul. ESCAPE-31 aims to bring together researchers and practitioners of computer-aided process engineering (CAPE) community and provide a forum to present and evaluate emerging research methods and concepts, and to learn from industrial case studies.

Themes:

1. Process-product synthesis, design and integration: product design principles and applications, process integration, single- and multi-objective synthesis and design of processes, modular plants, integration of intensified process units, product-process design: property-prediction-based synthesis and design;
2. Methods, models and computational tools for PSE: methodical approaches and frameworks for modeling and solving problems in PSE, optimization models and solution algorithms, data analytics,

numerical methods and tools, numerical analysis, process simulation, large-scale and multi-level optimization, agent-based modelling;

3. Process control and operations: scheduling, operability, flexibility and optimization under uncertainty, Interaction & information infrastructure, off- and on-line control, smart sensors, analysis of dynamic plant data, plant-wide control, operational excellence, real-time optimization, operator training, safety

4. CAPE/PSE in energy/water/food nexus and sustainability: energy, food and water issues, carbon capture and sequestering, solar refineries, life cycle analysis, industrial infrastructures, infrastructures for sustainable production, sustainability indicators and footprints, risk assessment, waste reduction and management, waste-water treatment, energy storage and conversion systems

5. Process operations and supply chains: process supply chains, synthesis and design of production/distribution systems, models and application of chemicals supply chains, process operations, preventive maintenance, risk assessment in process supply chains, flexibility analysis

6. PSE in biological systems and processes: Biological systems, protein structure-function analysis, design of biological agents, synthetic biology, systems biology, fermentation, biorefineries

7. Education in CAPE/PSE & knowledge transfer: best practices in academia, continued training in a changing professional practice, effective selling of high-quality PSE solutions to industry, knowledge transfer hurdles, effective exploitation of CAPE/PSE tools

Plenary speakers: Marc-Olivier Coppens, University College London; Stratos Pistikopoulos, Texas A&M University; Gintaras V. (Rex) Reklaitis, Purdue University.

Register NOW!

Website: <https://www.escape31.org/>

12th European Symposium on Electrochemical Engineering – ESEE 2021

Leeuwarden, The Netherlands
New date: 13-17 June 2021
EFCE Event No. 766)

The 12th European Symposium on Electrochemical Engineering - ESEE 2021 is organised by the EFCE Working Party on Electrochemical Engineering in cooperation with Wetsus.

The scope of ESEE is "*Electrochemistry for electrification and energy transition toward a*

Save the date!

17th International Symposium on Loss Prevention and Safety Promotion in the Process Industries – Loss Prevention 2022 Prague, Czech Republic, 5-8 June 2022 (EFCE Event No. 765)

The 17th International Symposium on Loss Prevention and Safety Promotion in the Process Industries and accompanying exhibition is organised by the Faculty of Safety Engineering - VSB Technical University of Ostrava and the EFCE Working Party on Loss Prevention.

Website: <http://www.lossprevention2022.org>

sustainable future", which captures the aim of the organisers to showcase scientific advances in physical, chemical and biochemical routes towards a future where electrochemical engineering is part of a sustainable society, closing resource cycles and contributing to zero-pollution mobility and manufacturing.

Topics: Electrocatalysis and electrochemical technologies; Safe water and air; Corrosion science for durable materials; Water electrolysis and fuel cells; Novel energy storage devices, batteries, and electrochemical capacitors; Bioelectrochemistry for energy conversion and resource recovery; Green capture and conversion of CO₂; Electrochemical recovery of raw materials; Advanced membranes and electrodes for selective ion removal; General session.

Invited speakers: Matthias Wessling; Menachem Elimelech; Martin Z Bazant; Elif Karatay; Geoff Kelsall; Matthew Suss; Manuel Andres Rodrigo; Xiao Su.

On the occasion of the ESEE2021 the EFCE Working Party will present its prestigious **Carl Wagner Medal of Excellence in Electrochemical Engineering**.

The call for abstracts will open on **November 1, 2020. Deadline: 15 January 2021**

Website: <http://www.electrochemical-engineering.eu/2021/>

ACHEMA 2021

Frankfurt am Main, Germany, 14–18 June 2021 (EFCE Event No. 775)

Feel the heartbeat of our industry! The process industry is the innovation driver of the world economy and the pacemaker for numerous industrial sectors

Practically all global value chains profit in one way or another from the achievements of chemistry,

biotechnology and process engineering.ACHEMA is the central arena of the process industry. Nowhere is the heartbeat of our industry faster, more intense, up-to-date, innovative and international than here.

Take this opportunity to forge new contacts, to build up business relations and find solutions for your current projects!

At the ACHEMA Congress, researchers, developers and users get together to discuss what's needed, what's possible and what will be the next big thing in the process industries.

Website: <https://www.achema.de/en/>

17th European Conference on Mixing Porto, Portugal, 27-30 June 2021 (to be postponed) (EFCE Event No. 773)

The Mixing Conference is organised by the University of Porto on behalf of the EFCE Working Party on Mixing.

Website: <http://mixing17.eu/>

1st International Symposium on Industrial Crystallization-ISIC 21 Potsdam, Germany. New date: 30 August–2 September 2021 (EFCE Event No. 751)

The symposium is organised under the auspices of the EFCE's Working Party on Crystallization and, has become the premier international conference in the field of industrial crystallization.

The 21st ISIC provides a meeting and a discussion forum for scientists and engineers from academia and industry as well as suppliers of crystallization and related analytical equipment. The conference program will include lectures and poster sessions. A concomitant exhibition and introductory tutorials will complete the event.

Main Topics: Fundamentals of crystallization; Crystallization and precipitation in fine chemical, specialty & life-science industries; Developments in large scale industrial crystallization; Contributions of crystallization to sustainability; Integrated process design: Crystallization in the industrial process chain.

Plenary and Evening speakers: Prof. Beatrice Biscans, France; Prof. Richard Braatz, USA; Prof. Helmut Cölfen, Germany; Prof. Juanma Garcia-Ruiz, Spain; Dr. Daniel Green, USA; Dipl.-Ing. Christian Melches, Germany.

Website: https://dechema.de/en/ISIC_2021

XXIV International Conference on Chemical Reactors - CHEMREACTOR-24 Milan, Italy, New date: 12–17 September 2021 (EFCE Event No. 769)

The XXIV International Conference on Chemical Reactors – CHEMREACTOR-24 is organised by the Boreskov Institute of Catalysis, Russia jointly with the world famous Politecnico di Milano, Italy.

Main topics: Advances in Chemical Reactor Fundamentals; Chemical Reaction Engineering and Reactor Design – Novel Experimental Approaches, Modeling, Scale-Up and Optimisation; Chemical Reactors and Technologies for Targeted Applications; Advanced Processing of Conventional and Unconventional Hydrocarbon Feedstocks.

Plenary speakers: Prof. Guy Marin; Prof. Annemie Bogaerts; Prof. Ib Chorkendorff; Prof. Fausto Gallucci; Prof. Freek Kapteijn; Dr. Carlo Perego.

Register NOW.

Website: <http://conf.nsc.ru/CR-24/en/>

ECCE13 & ECAB6–13th European Congress of Chemical Engineering & 6th European Congress on Applied Biotechnology Berlin, Germany, 19-23 September 2021 (EFCE Event No. 767)

Motto: Engineering the Future

At ECCE 13 & ECAB 6, scientists from industry, university and research institutions from Europe and beyond will meet in Berlin to discuss the latest research and industrial applications in all fields of chemistry, process engineering, biotechnology and related fields.

Features of ECCE 13 & ECAB 6:

- The highlight event for the European chemical engineering and biotechnology community
- Cross-linking disciplines and organisations to span the bridge from R&D to the industrial practice
- High-profile international keynote and plenary speakers
- Special offerings for students and young scientists
- Industry exhibition and plenty of networking opportunities

ECCE 13 & ECAB 6 is organised by DECHEMA under the auspices of EFCE and ESBES.

Topics:

Controlling complexity: Modelling, Measurement & Process Control (digitalisation, AI, process

modelling, molecular modelling, automation, smart (bio)sensors, process control, CAPE/PSE, plant safety, containments, ...);

Engineering processes, products, ...: Chemical & Bioprocesses (bioreactors, integrated continuous bio-manufacturing, single-use reactors, scale-up, process intensification, particle technology, fluid process engineering, multiphase systems, process and plant design, modular production, materials for 3D printing, product design, new materials, ...); Separation technologies/ downstream processing (membranes, fluid separations, adsorption, crystallization, chromatography...); Chemical and Biocatalysis (catalyst characterization, heterogenous catalysis, enzyme technology, protein engineering, cell-free systems, chemo-enzymatic syntheses, microbial fuel cells & electrosyntheses)

... And life: Biological Production Systems (systems biology, metabolic engineering, synthetic biology, cell culture technology, biofilms, ...);

Finding new routes: Sustainable production, low carbon & circular (bio)economy, clean water and energy (H₂ Economy, H₂ technologies, C1 feedstocks, plant/algae biotechnology, food production, biorefineries, recycling/waste utilisation, bio-leaching, electrochemical processes, process electrification, power-to-x, (waste)water technologies, bio-based products (fuels, polymers, chemicals), ...);

Preparing for the future: Novel ways of education and training (Curriculum Development & Transformation, e-Learning & e-Assessment, Teaching Engineering, Design, Safety & Sustainability, CHARMING

Sponsorship: Be part and support ECCE 13 & ECAB 6. Further information:

<http://ecce-ecab2021.eu/sponsoring.html>

The call for papers will open in August 2020.

Website: <http://ecce-ecab2021.eu/>

Twitter: #eccecab21

Electrostatics 2022

Wroclaw, Poland, New date: 28 March – 1 April 2022 (EFCE Event No. 774)

Electrostatics 2021 has become Electrostatics 2022. The Conference is organised by the Wroclaw University of Science and Technology in co-operation with the EFCE Working Party on Static Electricity in Industry.

Electrostatics 2022 provides a unique interdisciplinary forum for discussion about the electrostatic phenomena and its industrial applications. Fundamentals, hazards, applications, measuring techniques, standards and other related

Save the date!

ESCAPE-32 – 32nd European Symposium on Computer Aided Process Engineering

Toulouse, France, 12-15 June 2022 (EFCE Event No. 778)

ESCAPE-32 is organised by INP Toulouse in co-operation with the EFCE Working Party on Computer Aided Process Engineering.

Website: coming soon

topics are within the scope of the conference.

Besides, the interdisciplinary composition of the conference gives the best opportunity to get inspired by solutions in other fields and promote relationships for innovation and breakthroughs.

Topics :

1. Applications and Industry; 2. ESD; 3. Fundamentals; 4. Hazards; 5. Liquids; 6. Solid and Powders; 7. Gases; 8. Measuring Techniques; 9. Standards; 10. History of Electrostatics.

All steps of the conference will be started again, with a new call for papers in which will open in November 2020.

Deadline: 15 December 2020.

Please check the conference website for details.

Website: <http://www.electrostatics2021.pwr.edu.pl/wp/>

Contact

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www.youtube.com/channel/UCxuvfb5ST3DMHLAWZ6326w



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