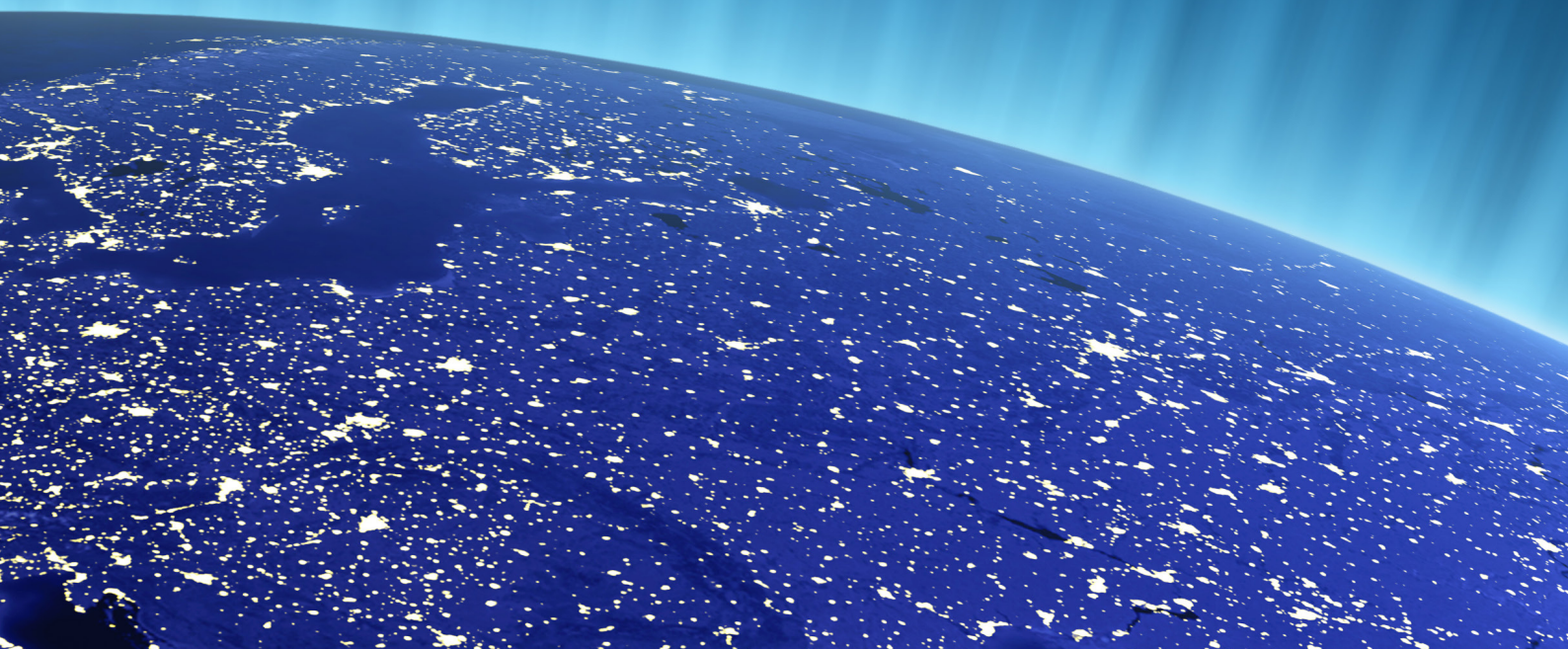


# Trustees Annual Report 2022

European Federation of Chemical Engineering

Europäische Föderation für Chemie-Ingenieur-Wesen

Fédération Européenne de Génie Chimique





# Contents

EFCE Strategy .....	2
Trustees 2022.....	4
Public Benefit Statement.....	5
Objectives and activities.....	5
Key achievements during 2022.....	6
Working Parties and Sections.....	8
Awards.....	10
Events of 2022 .....	12
2022 and beyond .....	13
Administrative Report.....	18
Changes to Board of Trustees.....	19
Financial Report.....	20



# The European Federation of Chemical Engineering will...

# 1

## **Serve the European Chemical Engineering Community**

By providing a platform for views and opinions and identifying opportunities for its voice to be heard

# 2

## **Support Chemical Engineers within EFCE Member Societies**

- Working Parties and Sections
- Conferences and Seminars
- Newsletters, Website and e-bulletins

# 3

## **Support the Education and Training of Chemical Engineers within Europe**

- Active Education Working Party
- EFCE Journals
- Input into Development of Curricula
- Training

# 4

## **Influence Decision Makers and Opinion Formers on Matters of Importance to Chemical Engineers**

- By Helping to Shape European Policy
- Promoting Public Understanding of Science
- Contributing to European R&D Programmes
- Fostering Academic/Industry Links

# 5

## **Initiate Collaborations in Support of Common Goals and for the Advancement of Science and Technology**

- Proactive Horizon Scanning and Topic Spotting
- Bringing People Together via Respected European Technical Networks

**EFCE will help European society to meet its needs through highlighting the role of Chemical Engineering in delivering sustainable processes and products.**

# Trustees 2022

## **EFCE President**

**Mr. Giorgio Veronesi**

Techint E&C

[giorgio.veronesi@techint.com](mailto:giorgio.veronesi@techint.com)

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## **Executive Vice-President**

**Prof. Jarka Glassey**

University of Newcastle

[jarka.glassey@newcastle.ac.uk](mailto:jarka.glassey@newcastle.ac.uk)

---

## **Scientific Vice-President**

**Prof. Ing. Petr Kluson**

Academy of Sciences of the Czech Republic,  
Institute of Chemical Process Fundament

[kluson@icpf.cas.cz](mailto:kluson@icpf.cas.cz)

---

**Prof. David Bogle**

University College London

[d.bogle@ucl.ac.uk](mailto:d.bogle@ucl.ac.uk)

---

**Prof. Elisabetta Brunazzi**

Università di Pisa, Department of Civil and  
Industrial Engineering

[elisabetta.brunazzi@unipi.it](mailto:elisabetta.brunazzi@unipi.it)

---

**Prof. Michael Considine**

ChemRisk Ltd.

[mike.considine@live.co.uk](mailto:mike.considine@live.co.uk)

---

**Mrs. Claudia Flavell-While**

Institution of Chemical Engineers

[cflavell-while@icheme.org](mailto:cflavell-while@icheme.org)

---

**Dr. Andreas Förster**

DECHEMA e.V.

[andreas.foerster@dechema.de](mailto:andreas.foerster@dechema.de)

---

**Dr. Ir. Antoon ten Kate**

Nouryon RD&I

[antoon.tenkate@nouryon.com](mailto:antoon.tenkate@nouryon.com)

---

**Prof. Antonis Kokossis**

National Technical University of Athens

[akokossis@mail.ntua.gr](mailto:akokossis@mail.ntua.gr)

---

**Dr. Silvie Müller**

Merck KGaA

[silvie.mueller@merckgroup.com](mailto:silvie.mueller@merckgroup.com)

---

**Mr. François Nicol**

Veolia Recherche & Innovation

[francois.nicol@veolia.com](mailto:francois.nicol@veolia.com)

---

**Dr. Alexis Pey Torruella**

Stahl Holdings bv

[alexis.pey@stahl.com](mailto:alexis.pey@stahl.com)

---

**Dr. Patrick M. Piccione**

F. Hoffmann-La Roche AG, Formulation and  
Process

[patrick.piccione@roche.com](mailto:patrick.piccione@roche.com)

---

**Dr. Laura Pirro**

Yara International

[laura.pirro@outlook.com](mailto:laura.pirro@outlook.com)

---

**Mr. Jon Prichard**

Institution of Chemical Engineers

[jprichard@icheme.org](mailto:jprichard@icheme.org)

---

**Associate Prof. Álvaro Ramirez-Gomez**

Universidad Politécnica de Madrid, Department  
of Mechanical Engineering

[alvaro.ramirez@upm.es](mailto:alvaro.ramirez@upm.es)

---

**Dr. Maurizio Rovaglio**

Siemens S.p.A

[maurizio.rovaglio@siemens.com](mailto:maurizio.rovaglio@siemens.com)

---

**Prof. Eric Schaer**

Ecole Nationale Supérieure des Industries  
Chimiques (ENSIC)

[eric.schaer@univ-lorraine.fr](mailto:eric.schaer@univ-lorraine.fr)

---

**Prof. Tomasz Sosnowski**

Warsaw University of Technology

[tomasz.sosnowski@pw.edu.pl](mailto:tomasz.sosnowski@pw.edu.pl)

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**Dr. Michael Wilk**

Merck KGaA, Senior Vice President Site  
Operations, Engineering & Maintenance

[michael.wilk@merckgroup.com](mailto:michael.wilk@merckgroup.com)

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# Public Benefit Statement

The charity trustees confirm that they have complied with their duty to have due regard to the guidance on public benefit published by the commission in exercising their powers or duties.

## Objectives and activities

The objectives of the European Federation of Chemical Engineering, as stated in its Constitution, are “for the benefit of the public to promote co-operation in Europe and elsewhere between non-profit making professional scientific and technical societies which share amongst their aims the general advancement of science and education of the public in chemical engineering and the encouragement of the development of chemical engineering.”

By enabling like-minded societies in Europe to co-operate, EFCE encourages progress in chemical engineering by facilitating the exchange of information and opinion in meetings, congresses and journals, support leading researchers and emerging talent through medals and prizes, and enabling industrialists and academics from across Europe to discuss topics of common concern.

EFCE is a Charitable Incorporated Organisation with voting members other than its charity trustees. It has an ‘Association’ model constitution, dated 9 December 2014.



# Key achievements during 2022

**The European Federation of Chemical Engineering (EFCE) has promoted cooperation in Europe and elsewhere between non-profit making professional scientific and technical societies since 1953. In 2014, EFCE was registered as a Charitable Incorporated Organisation (CIO) to help it foster the general advancement of science and education of the public in chemical engineering. In addition, we support the development of chemical engineering in collaboration with our national member societies.**

EFCE encourages progress in chemical engineering through facilitating the exchange of information and opinion in meetings, congresses and journals, supporting leading researchers and emerging talent through medals and prizes, and enabling industrialists and academics from across Europe to discuss topics of common concern.

2022 was the year of gradual return to normality after the long period of restrictions to travel and meetings in person due to the COVID pandemic: scientific conferences, seminars, workshops, etc. restarted to be held with a physical presence of participants.

On the other hand, the experience gained in 2020 and 2021 in organising web events made it possible to maintain some online activities, which have many advantages in terms of time, cost, environmental impact and inclusivity, as they make EFCE events more accessible to people who may not be able to attend an in-person event.

In particular, the EFCE Spotlight Talks webinars, organised by EFCE Working Parties (WPs) and Sections on topics selected by the WPs and Sections, have been a great success and became a regular feature of EFCE's calendar, thanks to EFCE's Scientific Secretariat, led by Prof. Martine Poux of Toulouse, who coordinated them from the conceptual phase to their conclusion.

EFCE Management and Executive Boards therefore decided to include the Spotlight Talks in the regular yearly programme of EFCE, organising two series (spring and autumn) in even years. In odd years, there will be only one series, held in spring each year, to avoid overlap with ECCE/ECAB European Conference, which takes place in the autumn.



During 2022 EFCE established a new Section, titled "Chemical Engineering as Applied to Medicine". In line with EFCE procedure, a preparatory committee was established, which developed the proposal for the Section organisation and presented it to EFCE's Executive Board for approval. The new Section held its first scientific meeting on December 5, 2022, in Paris as a EFCE European Forum on New Technologies. This was followed by the Section inaugural meeting, where the founding members elected the Chair and carried out other administrative functions.

Furthermore, EFCE started the process of establishing another new Section dedicated to Early Career Chemical Engineers and reactivating the Section on Sustainability, both of which are due to (re)start in 2023. Further details about these activities are reported below.

The Presidents and Vice-Presidents of EFCE and ESBES met in Paris in December to coordinate common activities, in particular in relation to the ECCE/ECAB conference, to be held in Berlin in September 2023.

# Working Parties and Sections

EFCE has 20 Working Parties and six Sections, whose activities span organising conferences, promoting and judging awards, and running summer courses for PhD students. The Working Parties and Sections (WP&S) are at the heart of EFCE's activities. They involve around 1000 volunteers from across Europe who are experts in their fields. Of these, 18% are industrial delegates.

## Working Parties

### Agglomeration

Chair: Prof. Stefan HEINRICH, Hamburg/DE  
[stefan.heinrich@tuhh.de](mailto:stefan.heinrich@tuhh.de)

### Characterisation of Particulate Systems

Chair: Prof. Martin MORGENEYER, Compiègne/FR  
[martin.morgeneyer@utc.fr](mailto:martin.morgeneyer@utc.fr)

### Chemical Reaction Engineering

Chair: Prof. Kai-Olaf HINRICHSEN, Garching/DE  
[hinrichsen@tum.de](mailto:hinrichsen@tum.de)

### Comminution and Classification

Chair: Prof. Arno KWADE, Braunschweig/DE  
[a.kwade@tu-bs.de](mailto:a.kwade@tu-bs.de)

### Computer Aided Process Engineering

Chair: Prof. Flavio MANENTI, Milano/IT  
[flavio.manenti@polimi.it](mailto:flavio.manenti@polimi.it)

### Crystallisation

Chair: Prof. Daniele MARCHISIO, Torino/IT  
[daniele.marchisio@polito.it](mailto:daniele.marchisio@polito.it)

### Drying

Chair: Prof. Angélique LÉONARD, Liège/BE  
[a.leonard@ulg.ac.be](mailto:a.leonard@ulg.ac.be)

### Education

Chair: Prof. Eric SCHAEER, Nancy/FR  
[eric.schaer@univ-lorraine.fr](mailto:eric.schaer@univ-lorraine.fr) (until August 2022); Successor: Dr. Hermann J. FEISE, Ludwigshafen/DE; [herman.feise@basf.com](mailto:herman.feise@basf.com)

### Electrochemical Engineering

Chair: Prof. Karel BOUZEK, Prague/CZ  
[karel.bouzek@vscht.cz](mailto:karel.bouzek@vscht.cz)

### Fluid Separations

Chair: Prof. Harry KOOIJMAN, Amsterdam/NL  
[Harry.Kooijman@shell.com](mailto:Harry.Kooijman@shell.com)  
Potsdam/USA; [kooijman@clarkson.edu](mailto:kooijman@clarkson.edu)

### High Pressure Technology

Chair: Prof. Maria Jose COCERO ALONSO, Valladolid/ES  
[mjcocero@iq.uva.es](mailto:mjcocero@iq.uva.es)

### Loss Prevention and Safety Promotion

Chair: Prof. Bruno FABIANO, Genoa/IT  
[brown@unige.it](mailto:brown@unige.it)

### Mechanics of Particulate Solids

Chair: Prof. Diego BARLETTA, Fisciano (SA)/IT  
[dbarletta@unisa.it](mailto:dbarletta@unisa.it)

### Mixing

Chair: Dr. Joëlle AUBIN, Toulouse/FR  
[joelle.aubin@ensiacet.fr](mailto:joelle.aubin@ensiacet.fr)

### Multiphase Fluid Flow

Chair: Prof. Michael SCHLÜTER, Hamburg/DE  
[michael.schlueter@tuhh.de](mailto:michael.schlueter@tuhh.de)

### Polymer Reaction Engineering

Chair: Prof. Markus BUSCH, Darmstadt/DE  
[markus.busch@pre.tu-darmstadt.de](mailto:markus.busch@pre.tu-darmstadt.de)

### Process Intensification

Chair: Prof. Georgios STEFANIDIS, Athens/GR  
[gstefani@mail.ntua.gr](mailto:gstefani@mail.ntua.gr)

### Quality by Design

Chair: Prof. Christoph HERWIG, Wien/AT  
[christoph.herwig@tuwien.ac.at](mailto:christoph.herwig@tuwien.ac.at)

### Static Electricity in Industry

Chair: Prof. Petro LLOVERA SEGOVIA, Paterna/ES; [pedro.llovera@ite.es](mailto:pedro.llovera@ite.es)

### Thermodynamics and Transport Properties

Chair: Prof. Sabine ENDERS, Karlsruhe/DE  
[sabine.enders@kit.edu](mailto:sabine.enders@kit.edu) (until February 2022); Successor: Prof. Maria Grazia DE ANGELIS, Edinburgh/UK; [grazia.deangelis@ed.ac.uk](mailto:grazia.deangelis@ed.ac.uk)

# Sections

## Energy

Co-chairs: Prof. Fabrizio BEZZO, Padova/IT

[fabrizio.bezzo@unipd.it](mailto:fabrizio.bezzo@unipd.it)

Prof. Francois MARÉCHAL, Sion/CH

[francois.marechal@epfl.ch](mailto:francois.marechal@epfl.ch)

(until October 2022)

Successors:

Prof. Valerio COZZANI, Bologna/IT

[valerio.cozzani@unibo.it](mailto:valerio.cozzani@unibo.it)

Dr. Jan VERSTRAETE, Solaize/FR

[jan.verstraete@ifpen.fr](mailto:jan.verstraete@ifpen.fr)

## Food

Chair: Dr.-Ing. Volker HEINZ, Quakenbrueck/DE

[v.heinz@dil-ev.de](mailto:v.heinz@dil-ev.de)

## Membrane Engineering

Chair: Prof. Enrico DRIOLI, Arcavacata di Rende/IT

[e.drioli@itm.cnr.it](mailto:e.drioli@itm.cnr.it)

## Product Design and Engineering

Chair: Dr. Francesco PICCHIONI, Groningen/NL

[f.picchioni@rug.nl](mailto:f.picchioni@rug.nl)

## Chemical Engineering as Applied to Medicine

Chair: Prof. Tomasz SOSNOWSKI, Warsaw/PL

[tomasz.sosnowski@pw.edu.pl](mailto:tomasz.sosnowski@pw.edu.pl)

## Early Career Chemical Engineers

Chair (appointed): Mr. Gabriele VERRECCHIA,  
Campagnano di Roma/IT

[g.verrecchia5@gmail.com](mailto:g.verrecchia5@gmail.com)

*Working Parties and Sections conduct their business throughout the year, and every group has at least one meeting per year. From mid-March 2020 until spring 2022 all planned business meetings of the Working Parties and Sections were held online.*

*In 2022, Working Parties and Sections were involved in a broad range of online events and webinar series and conferences.*

# Awards

## Excellence Awards

EFCE Excellence Awards recognise PhD theses or publications of young researchers published in preceding years which demonstrate the most outstanding contribution to research or the practice in the scientific fields of the EFCE Working Parties and Sections.

Awards typically comprise a certificate, a cash award of €1,500 and a €500 travel grant to attend the meeting at which the award will be presented.

In 2022, EFCE gave the following awards:



**Dr. Alessandro Di Pretoro and  
Dr. Ahmed Shokry Abdelaleem Taha Zied**

2022 EFCE Excellence Award in Recognition of  
an Outstanding PhD Thesis on CAPE

***Sponsor: Laboratoire de Génie Chimique***



**Dr. Vineet Vishwakarma**

2022 Excellence Award in Fluid Separations

***Sponsor: Evonik***



**Dr. Marvellous J. Khala**

2022 Excellence Award in Mechanics of Particulate Solids

***Sponsor: Jenike & Johanson, Inc.***



**Dr. Federica Ovidi**

2022 Excellence Award in Process Safety

***Sponsor: Aspen Oss B.V.***

## Other Awards

- The Working Party on Computer Aided Process Engineering presented its Award for **Recent Innovative Contribution (RIC) 2022** to **Professor Rafiqul Gani**.
- The Working Party on Loss Prevention and Safety Promotion in the Process Industries presented the **EFCE Loss Prevention Symposium Award 2022** to **Professor Adam Markowski** in recognition of his outstanding and long-life contribution to the advancement of process safety in thinking, education and training, and the practical application of process and plant safety.
- The Working Party on Static Electricity in industry presented:
  - the **Helmut Krämer Award** to **Dr. Paul Holdstock** for distinguished achievements in the science and engineering of electrostatics, developing safe technologies, innovative uses and applications. Dr. Holdstock delivered the Helmut Krämer Memorial Lecture.
  - the **Stig Lundquist Award** to **Dr. Jeremy Smallwood** in recognition of dedicated service and notable contributions to the advancement of the field of atmospheric and industrial electrostatics as a researcher and teacher. Dr. Smallwood delivered the Stig Lunquist Award Memorial Lecture.
  - the **International Fellow Award** in recognition of dedicated service and notable contributions to the advancement of the field of industrial electrostatics to **Professor Daniel Lacks, Professor Roman Cimbala** and **Dr. Poupak Mehrani**.

# Events of 2022

## **Electrostatics 2022**

Wroclav, Poland, and online, 28 March – 1 April 2022 (EFCE Event No. 774)

## **EFCE Spotlight Talks**

Online, 8 webinars, 19-29 April 2022

## **International Conference on Population Balance**

### **Modelling – PMB2022**

Lyon, France, 9-11 May 2022 (EFCE Event No. 785)

## **Loss Prevention 2022 – 17th International Symposium on Loss Prevention and Safety Promotion in the Process Industries**

Prague, Czech Republic and online, 5-8 June 2022 (EFCE Event No. 765)

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

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

## **7th European Symposium on Comminution and Classification – ESCC2022**

Toulouse, France, 27-29 June 2022 (EFCE Event No. 786)

## **CHISA 2022 – 26th International Congress of Chemical and Process Engineering**

Prague, Czech Republic, 21-25 August 2022 (EFCE Event No. 787)

## **ACHEMA 2022**

Frankfurt, Germany, 22-26 August 2022 (EFCE Event No. 775)

## **Distillation and Absorption 2022**

Toulouse, France, 18-21 September 2022 (EFCE Event No. 780)

## **World Congress of Particle Technology – WCPT9**

Madrid, Spain, 18-22 September 2022 (EFCE Event No. 784)

## **Chemistry and Chemical Technology**

Kaunas, Lithuania, 14 October 2022 (EFCE Event No. 792)

## **Energy, Environment and Digital Transformation – E2DT**

Milan, Italy, 23-26 October 2022, (EFCE Event No. 781)

## **EFCE Forum on Energy, Environment and Digital Transformation**

Milan, Italy, 25 October 2022

## **EFCE Spotlight Talks**

Online, 8 webinars, 15-25 November 2022

## **4th European Forum on New Technologies – Chemical Engineering as Applied to Medicine**

Paris, France, 5 December 2022

# 2022 and Beyond

## External Engagement

### SusChem

SusChem is the European Platform for Sustainable Chemistry, and an EFCE trustee is a member of its Board. SusChem has members from most major European chemicals companies and close collaboration with several Directorates of the European Commission.

The EFCE Education WP is involved in the skills work package of the European Commission-funded project IRISS (The InteRnatIonal ecosystem for accelerating the transition to Safe-and-Sustainable-by-design materials, products and processes). The project is part of a broader drive by the Commission to develop Safe and Sustainable by Design (SSbD) strategies and guiding principles, establish networks and a process for implementation.

2022 also saw more work by SusChem on its Advanced Materials Manifesto, and a draft roadmap was published in June. There was agreement that SusChem should strive together with the Energy Materials Industrial Research Initiative for a leading role in the next phase of the Advanced Materials Initiative (an initiative by EMIRI, EUMAT, SusChem and Manufuture with the support of the European Commission). It is driven by the Energy Materials Industrial Research Initiative, in collaboration with SusChem and other European Platforms. Advanced Materials is one of the three pillars of SusChem activity.

### A-SPIRE

EFCE is an Associate Member of A-SPIRE, which is a partnership between ten industry groups and the European Commission. The groups represent cement, ceramics, chemicals, engineering, minerals and ores, non-ferrous metals, pulp and paper, refining, steel and water sectors. EFCE had input into A-SPIRE's roadmap **"Processes4Planets – Transforming the European Process Industry for a Sustainable Society"**, which is available at <https://www.spire2030.eu/news/new/p4planet-roadmap-2050-advanced-working-version>

A-SPIRE now has new working groups covering energy, process optimisation and carbon capture and utilisation, industrial symbiosis, resources and circularity, framework conditions, and societal innovation.



### *Inaugural section meeting*

## **Formation of New Section – Chemical Engineering as Applied to Medicine**

As mentioned above, EFCE has established a new Section, **Chemical Engineering as Applied to Medicine.**

Chemical engineers are already bringing a significant skillset to physiology and medicine. Particularly important are their modelling skills and systems engineering techniques – for example to tackle the complexity of physiology, transport and reaction engineering to model medical instruments such as dialysis, designing artificial organs processing chemical entities, developing devices controlling drug and nutrient feeds, and considering the effects of particulates on human health. Chemical engineers have been developing engineering design and analysis approaches to modelling biological systems across multiple levels – cell signalling networks, gene, protein and metabolic networks, movement of molecules and fluids, through to whole physiological systems.

The new Section aims to bring together the diverse activities of chemical engineers and their collaborators to share ideas, experience and techniques through meetings, workshops, and conferences, bringing together work by chemical engineers in different areas of medicine. It aims to work with professional bodies in physiology and medicine through joint workshops and to encourage joint projects amongst active members. It also seeks to inspire young people to study chemical engineering who also have an interest in medicine and health.





## Formation of New Section – Early Career Chemical Engineers

The new Section will aim to inspire, inform and influence the European community of early career chemical engineers by supporting and promoting chemical engineering science, innovation, environmental protection and business ethics to meet the needs of society.

The new Section will seek to increase the engagement, and the staying up-to-date with the latest technological developments and ensuring new leaders are enrolled in EFCE in the coming years. The new Section will create technical and social programming for early career chemical engineering meetings, workshops, summer schools, and other EFCE events. It will support local member societies to deliver activities, facilitate opportunities to develop new initiatives within EFCE, and identify new communication platforms to reach the community.

## Re-activation of the Section on Sustainability

The reactivated Section will highlight the role of chemical engineering in sustainable development and the impact of its community in decision making processes in assessing and evaluating new processes.

It will aim to direct chemical engineering priorities towards global and national priorities that relate to climate change, the loss of biodiversity, loss of ecosystem services, land degradation, and air and water pollution.

## Chemical Engineering Skills Audit

A final report on the Chem Eng Skills Base Project undertaken in 2021 was produced and published on the EFCE website (see <https://efce.info/Publications/Statements+and+White+Papers.html>).

## Conferences

EFCE spent considerable time in 2022 preparing the next iteration of the biennial **European Congress of Chemical Engineering (ECCE)**, which is held in conjunction with the **European Congress of Applied Biotechnology (ECAB)**. ECCE 14 and ECAB 7 will be held in the City Cube in Berlin 17-21 September 2023. ECCE/ECAB2023 will be titled "Chemical and Biochemical Engineering – Acting together" and cover nine themes. One will be dedicated to each of the new EFCE Sections – Chemical Engineering as Applied to Medicine and Early Career Chemical Engineers.

Another EFCE event was held in Milan, October 2022 in conjunction with the E2DT Congress. The event consisted of a plenary session by Hermann Feise followed by a discussion platform.

4th EUROPEAN FORUM ON NEW TECHNOLOGIES

*An event series of the European Federation of Chemical Engineering*

# CHEMICAL ENGINEERING as APPLIED to MEDICINE

### European Forum on New Technologies

EFCE organised the **4th European Forum on New Technologies** as an event aligned with the new Section, Chemical Engineering as Applied to Medicine, on December 5, 2022, in Paris. Presenters showed how modelling and systems engineering techniques are being used to tackle the complexity of physiology, using transport and reaction engineering to model medical instruments such as dialysis, designing artificial organs, developing devices controlling drug and nutrient feeds, and exploring the effects of particulates on human health and more. The event was attended by 37 people from 11 different countries. The inaugural meeting of the new Section was held after the event.

## Spotlight Talks

The EFCE organised a further two series of **Spotlight Talks** delivered by its Working Parties and Sections in 2022.

In Q2, the 3rd Series (held from 19-29 April 2022) featured eight webinars from the following Working Parties and Sections: CAPE, Crystallisation, Drying, Education, High Pressure Technology, Mixing, Multiphase Fluid Flow, Membrane Engineering. Each webinar was on average attended by 80 participants (min 60; max 113). EFCE's Executive Board is very pleased with this number, which is equivalent or even higher than the number of participants in a thematic session at a generalist conference. In total, there were 637 participants in eight webinars, of which 437 were unique participants. 329 participants attended only one webinar, 67 participants attended two webinars, 16 attended three and 11 attended four webinars. The audience was obviously highly specialised, and sought knowledge in well-targeted areas. In terms of geographical origin, although there were connections from 40 different countries, the audience was mainly coming from Europe (Italy, Germany, France and Spain) (max: 98, min: 63). The important participation from the United States (33) should be also mentioned.

The 4th Series of Spotlight Talks, held from 15-25 November 2022, also consisted of eight webinars, prepared by the following Working Parties and Sections: Food, Mechanics of Particulate Solids, Polymer Reaction Engineering, Static Electricity, Energy, Loss Prevention and Safety Promotion in the Process Industries, Process Intensification, Chemical Reaction Engineering, Thermodynamics and Transport Properties. In total, 434 people attended this series, which gives an average of 54 attendees per webinar (min 19-max 80). This is slightly lower than the previous series, but it is still very good.

Another indicator which shows the attractiveness of the Spotlight Talks is the number of subsequent views of the recordings, which can reach some hundred after several months. The recordings of all the Spotlight Talks can be found on the EFCE YouTube Channel (see [https://efce.info/Spotlight\\_Talks.html](https://efce.info/Spotlight_Talks.html)).

# Administrative Report

2022 was the eighth year of EFCE as a Charitable Incorporated Organisation. Whilst 2021 and 2020 saw us operating with limited face to face activities due to COVID-19 restrictions, in 2022 the Executive Board was able to meet in person in April in Frankfurt and in August in Prague. This provided the members of the Board a valuable opportunity to interact with their colleagues more effectively.

The Management Committee met monthly and ahead of the Executive Board meetings took place via video conference. Progress of activities and monitoring of agreed actions took place effectively through the online platform Basecamp.

During the year, invoicing, forecasting and payment of expenses were closely managed in order to keep the EFCE accounts under control. While membership fees were held unchanged in 2021 to account for the financial effect of the COVID pandemic on member societies, 2022 fees were raised 3% to make up for rising costs.

Details about the economic and financial performance of the CIO are provided later in the financial report. At its April meeting the EFCE Executive Board agreed to donate its 2021 surplus and the 2022 membership fee of the Boreskov Institute of Catalysis in Russia to the International Red Cross to support humanitarian actions in Ukraine.

As mentioned earlier, EFCE online presence in 2022 was quite strong and was essential to keep close contacts with the scientific and chemical engineering community.

EFCE publicises its activities through its e-newsletter and six issues were published in 2022 ([http://efce.info/EFCE\\_Newsletter.html](http://efce.info/EFCE_Newsletter.html)). In addition, pdf versions are published on EFCE's social media pages and press releases (<https://efce.info/News.html>) highlight other news, mainly relating to the various EFCE awards. Sixteen press releases were published in 2022.

EFCE's social media pages can be found at:

- EFCE LinkedIn Group: [http://bit.ly/EFCE\\_LinkedIn](http://bit.ly/EFCE_LinkedIn)
- Twitter: [https://twitter.com/@EFCE\\_Comms](https://twitter.com/@EFCE_Comms)
- Facebook: <https://www.facebook.com/theEFCE>
- YouTube: <https://www.youtube.com/channel/UCxuvfbb5ST3DMHLAwZ6326w>

# Changes to the Board of Trustees

EFCE's member societies elected new officers and trustees at the General Assembly in 2021, resulting in a number of changes that took effect at the start of 2022.

Giorgio Veronesi, who previously served as Executive Vice-President, took the helm as President. Jarka Glassey joined the Board as Executive Vice-President and Petr Kluson stepped up from ordinary trustee to the post of Scientific Vice-President.

Five members stepped down at the end of 2021, after completing their term – they are former President Hermann Feise, elected trustees Adisa Azapagic and Ferenc Friedler, as well as co-opted trustees Thaddeus Anim-Somuah and Hilke-Marie Lorenz. Additionally, Jon Prichard stepped down as appointed trustee in July 2022 as he was leaving IChemE.

In addition to the Executive Vice-President Jarka Glassey, new members joining the Board as elected trustees are Antonis Kokossis and Tomasz Sosnowski, alongside the new co-opted trustees Silvie Müller and Laura Pirro. Claudia Flavell-While was confirmed as the new appointed trustee representing IChemE.



**Giorgio Veronesi**  
**President**



**Jarka Glassey**  
**Executive Vice-President**



**Petr Kluson**  
**Scientific Vice-President**

# Financial Report

from the period of 1 January 2021 to 31 December 2022

	<b>2022</b>	<b>2021</b>
	<b>Unrestricted funds €</b>	<b>Total funds €</b>
<b>INCOME AND ENDOWMENTS FROM CHARITABLE ACTIVITIES</b>		
<b>CHARITABLE ACTIVITIES TOTAL</b>	<b>53,682</b>	<b>61,811</b>
<b>EXPENDITURE ON CHARITABLE ACTIVITIES</b>		
Resources expended	37	29
Charitable activities	63,518	52,101
Other	2,301	2,807
<b>TOTAL</b>	<b>65,856</b>	<b>54,937</b>
<b>NET INCOME (EXPENDITURE)</b>	<b>(12,174)</b>	<b>6,874</b>
<b>RECONCILIATION OF FUNDS</b>		
<b>Total funds brought forward</b>	107,040	100,166
<b>TOTAL FUNDS CARRIED FORWARD</b>	<b>94,866</b>	<b>107,040</b>

	<b>2022</b>	<b>2021</b>
	<b>Unrestricted funds €</b>	<b>Total funds €</b>
<b>CURRENT ASSETS</b>		
Debtors	9,668	17,797
Cash at bank	97,148	129,554
<b>TOTAL</b>	<b>106,816</b>	<b>147,351</b>
<b>CREDITORS</b>		
Amounts falling due within one year	(5,895)	(40,311)
<b>NET CURRENT ASSETS</b>	<b>100,921</b>	<b>107,040</b>
<b>TOTAL ASSETS LESS CURRENT LIABILITIES</b>	<b>100,921</b>	<b>107,040</b>
<b>NET ASSETS</b>	<b>94,866</b>	<b>107,040</b>
<b>FUNDS</b>		
Unrestricted funds	94,866	107,040
<b>TOTAL FUNDS</b>	<b>112,727</b>	<b>107,040</b>

This financial report is an extract of the Unaudited Financial Statements for the year ended 31 December 2022, which have been independently examined by Magma Audit LLP, Rugby, UK. The full report is available on the EFCE website.



## **EFCE General Secretariat**

### **UK Secretariat (Finance & Principal Office)**

ICChemE  
Davis Building  
165 – 189 Railway Terrace  
Rugby  
Warwickshire  
CV21 3HQ  
UK

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### **German Secretariat (Membership and Administrative Support)**

DECHEMA  
Theodor-Heuss-Allee 25  
60486 Frankfurt am Main  
Germany

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### **French Secretariat (Scientific Support)**

SFGP  
28, Rue Saint-Dominique  
75007 Paris  
France

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Charity Registration No. 1159541