

# YEAR BOOK

2023



## ACKNOWLEDGEMENT

We would like to express our gratitude to all who contributed in the creation of this yearbook.

## PUBLISHER & COPYRIGHT



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@EuChemS

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# Content

Editorial	4
EuChemS met twice this year	6
EuChemS in brief	8

## What we've been up to

<b>Science Policy Initiatives</b>	13
<b>Fostering European Chemistry</b>	26
<b>Science Communication</b>	37
<b>Awards</b>	42
<b>Recognised Events</b>	47

## About EuChemS

<b>Member Societies &amp; Supporting Members</b>	57
<b>Executive Board</b>	62
<b>Task Groups</b>	63
<b>Professional Networks</b>	64
<b>Secretariat</b>	74

# EDITORIAL



**Floris Rutjes**

*President  
European Chemical  
Society (EuChemS)*

All good things come to an end. This is certainly how I experienced the past three years as President of the European Chemical Society. It was a time of which the first half was largely dominated by COVID, resulting in few personal interactions and many online meetings and webinars. Yet, we adapted and got accustomed to new ways of interacting within EuChemS. In the second half of my presidency I could experience more what it feels like to lead the EuChemS organisation, and, much more than before, I had the feeling that I could really put things in motion. In this editorial contribution I will highlight some of the most important changes and events focusing on the past year.

Imposed by the COVID circumstances and using the appeal of the EuChemS Periodic Table, we started in 2021 with an online webinar focusing on the element carbon, discussing various societal aspects and challenges associated with this element. Besides realising that the colour of carbon should be adjusted, it became clear that scarcity of elements is a too narrow definition to address the challenges that we are facing as society and that sustainability should be included as well. This idea became stronger throughout the subsequent workshops that were held in the past years highlighting lithium and nitrogen. This led to some major improvements. First of all, a new edition of the EuChemS Periodic Table was launched this year that also addresses sustainability, which we feel is an important addition. Secondly, this year's workshop about the element phosphorus was organised as a hybrid event, partially held

at the European Parliament, hosted by MEP Maria Spyraiki and at the EuChemS Office in Brussels, but all of it online so that a broad audience across Europe could be reached. This hybrid format will be used more often for future science policy workshops as it creates an optimal visibility of EuChemS' policy activities. The pandemic made that meetings of the EuChemS Professional Networks and Executive Board are currently typically online, which is convenient and also more sustainable. We felt that this should also be addressed in the EuChemS constitution, which therefore was adjusted this year to make possible that future General Assemblies in principle can be held online. Nevertheless, we recognize that personal, real life interactions are important and preferred at times to build strong relationships. In that respect, in October of this year, we had had a fruitful and enjoyable General Assembly in Larnaca, Cyprus, hosted by the Pancyprian Union of Chemists, where we met in person and discussed new developments.

A continuous goal in the past years has been increasing EuChemS' visibility and consistently brand the acronym EuChemS. As an example, videoclips have been produced to explain more about EuChemS and its activities and the names of all the awards now include 'EuChemS'. A major step forward this year was the launching of EuChemS Magazine, replacing the newsletters "Brussels News Updates" and "Chemistry in Europe". The new magazine is obviously directly associated with EuChemS, has a more attractive appearance, is produced once every month and comes in an extended version every four months, named EuChemS Magazine+. I am pleased with this development and confident that it will also positively contribute to the visibility of EuChemS. We also made historical changes to the composition of the Executive Board by appointing two industrial members for the first time in over 50 years. This is one of the outcomes of the General Assembly in 2022 in Lisbon, where a strong desire was expressed by all member societies to have a greater involvement of industry. The industrial members are not representatives of their companies, but more in general bring in the perspective of industrial chemists. This



appointment is considered as a first start, in the coming years more industrial representatives are anticipated to contribute at the level of the Professional Networks as well. Needless to say, it is important that EuChemS remains an unbiased and independent organisation, however, it will become more diverse as not only the voice of academic chemists will be expressed. We also expect that by gradually increasing the number of industrial representatives across the organisation, beneficial relationships with European chemical industries will develop over time.

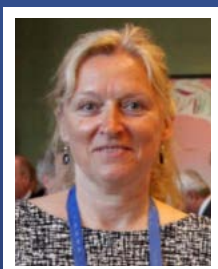
EuChemS is also strengthening its ties with other chemical organisations. At the IUPAC conference in The Hague in August of this year, a new Memorandum of Understanding was signed with the American Chemical Society, in which we express further collaboration on topics such as policymaking and sustainability. Besides jointly organising scientific sessions and workshops on conferences, it will result in joint policy and/or educational activities relating to sustainable chemistry. Although only in an early stage, initial discussions with the publisher Chemistry Europe have led us to decide to enter into negotiations to intensify the collaboration. Our joint goal is to create a stronger European chemistry community and both organisations are convinced that by more closely working together we will be able to further and better support the European chemists.

Many EuChemS events took place this year as well. Particularly rewarding were the EuChemS Historical Landmark Awards: in March, the Justus Liebig laboratory in Giessen (DE) and in February, the Jungfrauoch High Altitude Research Station near Bern (CH) received this recognition. The latter event as involved a two-day programme, with scientific lectures on the first day and on the second day an excursion to an altitude of 3500 m to reveal the Historical Landmark plaque at the Jungfrauoch station. Unfortunately, the mountain was covered in clouds and only for a short while we could experience the stunning view of the surroundings. Furthermore, most of the Professional Networks had successful biennial meetings and at the

same time preparations for the 9th EuChemS Chemistry Congress (ECC-9) are fully ongoing. I wish the ECC-9 organisers, in particular Pat Guiry and Celine Marmion (Institute of Chemistry of Ireland), lots of success with the organisation. The broad programme shows an impressive line-up of speakers and many parallel sessions with a wide diversity of topics. The conference venue is superb, located close to the city centre of Dublin. Reasons enough to participate, and I am looking forward to meeting you on ECC-9 next year!

During my first three years in the EuChemS Executive Board, I had the privilege to work closely with Pilar Goya and Eckart Rühl and we formed an excellent team. Starting this year without them and their experience felt like a transition, but their successors, Angela Agostiano and Hans-Peter Lüthi, started with enthusiasm and new ideas that also gives new elan to the Board. I am grateful for the outstanding collaboration that we had in the past year and I am looking forward to the next year: with two new industrial members, two new elected members and Angela as the President, we will have a fresh team that is up to the challenges and opportunities that lie ahead. I also would like to express my gratitude to the EuChemS Secretariat, headed by Nineta Hrastelj, and supported by Marton Kottmayer and Claudia Hernando. None of the EuChemS activities, nor many of my tasks as President, would have been possible without their efforts and dedication. I realise that this may sound as if I am leaving, but I will remain for two years on the Executive Board as Vice-President and stay fully involved in the EuChemS activities. I am eager being part of this new team to continue with the Member Societies and the Professional Networks to further develop EuChemS into a stronger and more powerful player in the European chemistry arena.

# EUCHEMS MET TWICE THIS YEAR



**Nineta Hrastelj**

*Secretary  
General*

A Constitution sets the key building blocks and provides a solid foundation for any organisation, and so it does also for the European Chemical Society. Therefore, it does not change often.

After having upgraded the EuChemS Constitution in 2014, the Coronavirus pandemic called for the next update. Thus, 2023 witnessed two General Assembly meetings: an extraordinary one on the approval of the new Constitution, and the regular annual meeting of the representatives of EuChemS Member Organisations and Supporting Members.



**A Constitution sets the key building blocks and provides a solid foundation for any organisation, and so it does also for the European Chemical Society.**



On Friday 26 May 2023, the new EuChemS Constitution was adopted at a Brussels notary, in the presence of EuChemS President Floris Rutjes, EuChemS Secretary General Nineta Hrastelj and the EuChemS legal adviser. The new Constitution, which allows for online meetings, if needed, was approved with an almost unilateral, overwhelming majority of votes from Member Organisations.



*At the notary in Brussels, new Constitution adopted on 26 May 2023*

Mid-October, the annual meetings of the European Chemical Society took place in Larnaca, kindly hosted by the Pancyprian Union of Chemists. Amongst other, the European Chemical Society welcomed two new Professional Networks, namely the Working Party on Mechanochemistry and the Division of Glycoscience and one new Member Society from Bosnia and Herzegovina. Another milestone is the appointment of two Executive Board members from chemical industry, namely Karsten Danielmeier and Alexandra R. Alburnia, in addition to Péter Szalay and Aura Tintaru, as newly elected members of the Executive Board. The new Executive Board started its term on 01 January 2024.

The annual meetings in Cyprus brought also a milestone decision, following a proposal by the EuChemS Professional Networks, on online collaborative environment for the entire EuChemS community.

The 2023 annual meetings were the last ones chaired by Floris Rutjes in his role as the President of EuChemS.



*A small thank you gift to Floris Rutjes, at the end of his mandate as the President of EuChemS*



*Annual meeting with the EuChemS Professional Networks, Larnaca, 13 October 2023*



# EUCHEMS IN BRIEF

IN 2023



## EUCHEMS RECOGNISED EVENTS

**29** requests for recognition  
submitted by Member  
Societies

**16** requests for recognition  
submitted by Professional  
Networks

Total EuChemS  
Recognised  
events in 2023:

**45**



## EUCHEMS POLICY CONTRIBUTIONS



**CoARA**  
Coalition for Advancing  
Research Assessment



## EUCHEMS AND AWARDS

**5**

Calls for  
EuChemS Awards

**5+**

Calls for  
Divisions' awards



## EUCHEMS MAGAZINE – 1<sup>ST</sup> YEAR

**13,507**

Total views

**1.927**

Subscribers

**157**

published articles



## EUCHEMS AT SOCIAL NETWORKS

**17,659**

Followers on all Social  
Networks (X, LinkedIn,  
Facebook and YouTube)

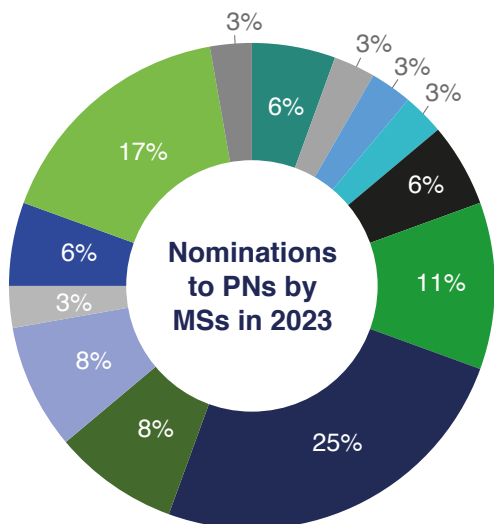
**730,000+**

Total impressions

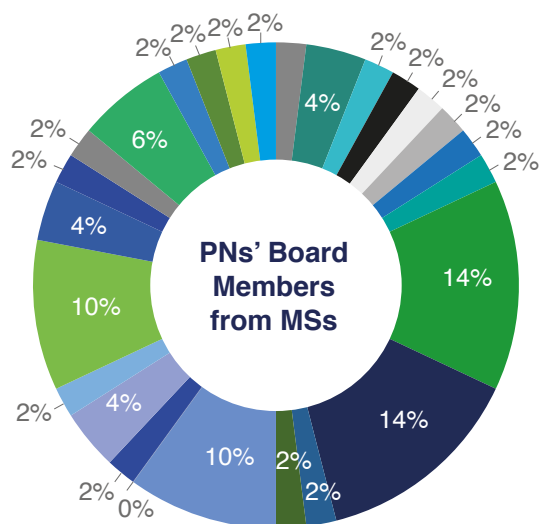




## WELCOMING NEW COLLEAGUES TO THE EUCHEMS PROFESSIONAL NETWORKS



- Division of Analytical Chemistry
- Division of Computational and Theoretical Chemistry
- Division of Chemical Education
- Division on Chemistry and Energy
- Division of Chemistry and the Environment
- Division of Food Chemistry
- Division on Glycoscience
- Division of Green and Sustainable Chemistry
- Division of Inorganic Chemistry
- Division of Chemistry in Life Sciences
- Division of Nuclear and Radiochemistry
- Division of Organic Chemistry
- Division of Organometallic Chemistry
- Division of Physical Chemistry
- Division of Solid State and Materials Chemistry
- Working Party on Chemistry for Cultural Heritage
- Working Party on Ethics in Chemistry
- Working Party on Formulation in Chemistry
- Working Party on the History of Chemistry
- European Young Chemists' Network



- Österreichische Gesellschaft für Analytische Chemie (ASAC)
- Gesellschaft Österreichischer Chemiker (GÖCH)
- Société Royale de Chimie (SRC)
- Koninklijke Vlaamse Chemische Vereniging (KVCV)
- Hrvatsko Kemijsko Društvo
- Ceská společnost Chemická
- Kemisk Forening
- Suomalainen Kemistien Seura
- Société Chimique de France
- Gesellschaft Deutscher Chemiker (GDCh)
- Instituid Ceimice Na Héireann
- הימכל תל ארשיה הרבחה
- Società Chimica Italiana
- Lietuvos chemikų draugija
- Koninklijke Nederlandse Chemische Vereniging (KNCV)
- Norsk Kjemisk Selskap (NKS)
- Polskie Towarzystwo Chemiczne (PTC)
- Sociedade Portuguesa de Química (SPQ)
- Societatea de Chimie din Romania (SchR)
- Российское химическое общество им. Д.И. Менделеева
- Српско хемиско друштво (СХД) - Srpsko hemijsko društvo (SHD)
- Slovensko Kemijsko Društvo (SKD)
- Real Sociedad Española de Química (RSEQ)
- Societat Catalana de Química (SCQ)



**120,000+**

Chemists in Europe  
and beyond



**280+**

Events since 2013



**63**

Policy positions  
since 2008



**34**

Represented  
countries



**19**

Professional  
Networks



**29**

Science policy  
workshops since  
2011



**190+**

Students of  
“Good Chemistry”



**50**

Member  
organisations

# What we've been up to





# Science Policy Initiatives

**Chemistry is everywhere** – this was the key message EuChemS presented with its policy activities in 2023.

Policy and science are both expected to provide responses for societal crises, challenges and development – and, as the recent years show, to effectively respond to them, the two must act in synergy. Numerous societal challenges are rooted in issues that neither science nor policy can solve alone: natural sciences must give explanations, provide guidance, and supply evidence, but policymakers must make decisions, prioritise, and assess the wider picture. In addition, policy must provide a way for science and research to thrive.

**This is why ensuring that the voice of the European chemistry community is heard at the European policy level is a key part of EuChemS' mission.**

Numerous initiatives – such as the United Nation's Sustainable Development Goals (UN SDGs) or the European Union's Horizon Programme and its clusters – give us frameworks that help us navigate the complex and interconnected webs of science-policy. Find below, a short summary of these initiatives:

## HORIZON CLUSTERS:

- H1** *Culture, Creativity & Inclusive Society*
- H2** *Civil Security*
- H3** *Digital, Industry & Space*
- H4** *Climate, Energy & Mobility*
- H5** *Health*
- H6** *Food, Bioeconomy, Nature Restoration, Agriculture & Environment*



# Horizon Europe



## SDGS:

<b>No poverty</b>	<a href="#"><u>SDG 1</u></a>
<b>Zero hunger</b>	<a href="#"><u>SDG 2</u></a>
<b>Good health and well-being</b>	<a href="#"><u>SDG 3</u></a>
<b>Quality education</b>	<a href="#"><u>SDG 4</u></a>
<b>Gender equality</b>	<a href="#"><u>SDG 5</u></a>
<b>Clean water and sanitation</b>	<a href="#"><u>SDG 6</u></a>
<b>Affordable and clean energy</b>	<a href="#"><u>SDG 7</u></a>
<b>Decent work and economic growth</b>	<a href="#"><u>SDG 8</u></a>
<b>Industry, innovation and infrastructure</b>	<a href="#"><u>SDG 9</u></a>
<b>Reduced inequalities</b>	<a href="#"><u>SDG 10</u></a>
<b>Sustainable cities and communities</b>	<a href="#"><u>SDG 11</u></a>
<b>Responsible consumption and production</b>	<a href="#"><u>SDG 12</u></a>
<b>Climate action</b>	<a href="#"><u>SDG 13</u></a>
<b>Life below water</b>	<a href="#"><u>SDG 14</u></a>
<b>Life on land</b>	<a href="#"><u>SDG 15</u></a>
<b>Peace, justice, and strong institutions</b>	<a href="#"><u>SDG 16</u></a>
<b>Partnerships for the goals</b>	<a href="#"><u>SDG 17</u></a>



source: United Nations



### **ADVISORY GROUPS**

EuChemS aims to ensure that the voice of European Chemists are heard in policymaking. Hence, it is important to represent them by being directly involved in the policymaking process. This is why EuChemS accepts invitations to expert stakeholder groups, the conclusions of which directly affect future policy and implementation. These expert groups are set up by and coordinated by major European Institutions, such as the Commission and are attended by key players in policymaking.



### **POLICY EVENTS**

Events play an important role in engaging and connecting stakeholder groups, providing visibility for key issues by exposing them to a wide audience, and ensuring that all complex discussions on them are objective and unbiased. The policy events organised or attended by EuChemS, cover the interconnected areas of sustainability, industry, innovation, inclusivity and societal issues in a global context.



### **CONTRIBUTIONS & POSITIONS**

Taking the side of science and supporting evidence-based policymaking is part of the EuChemS mission. When an opportunity arises where these values can be strengthened, EuChemS steps up to express the importance of science in policy. We highlight and contribute to overarching initiatives related to these key areas.



1 February 2023

## EuChemS at High Level Roundtable on the implementation of the Chemicals Strategy for Sustainability



### H4 Climate, Energy & Mobility

*Ensuring chemistry is sustainable, and keeping harmful chemicals out of circulation*

#### **Affordable and clean energy (SDG 7)**

*Solutions and skills chemistry can provide to energy, e.g. novel materials*

#### **Industry, innovation and infrastructure (SDG 9)**

*Upholding the sustainability of the chemical industry*

#### **Responsible consumption and production (SDG 12)**

*Adopting the Safe and Sustainable by Design (SSbD) principle into chemical innovation*



The High Level Roundtable on the implementation of the Chemicals Strategy was set up by the European Commission's Directorate General for the Environment to realise the objectives of the Sustainable Chemicals Strategy: environmental protection and fos-

tering innovation regarding chemicals used in various sectors. It connects stakeholders from various backgrounds to bring in perspectives on new and innovative science and technology that are relevant to effective chemicals management. EuChemS is represented at the Roundtable by President Floris Rutjes, and Secretary General Nineta Hrastelj.

In February 2023, the roundtable met to discuss the Safe and Sustainable by Design (SSbD) principle in the Sustainable Chemicals Strategy. EuChemS contributed by raising the topic of knowledge circulation on sustainable chemistry in chemical education.





14 February 2023

## 3<sup>rd</sup> EuChemS Global Women's Breakfast - Women scientists at the forefront of global conflicts



**H1 Culture, Creativity & Inclusive Society**

**H2 Civil Security**

**Gender equality (SDG 5)**

*Event highlights the importance of inclusivity in sciences*

**Peace, justice, and strong institutions (SDG 16)**

*The importance of ensuring chemical innovations are used peacefully, and not in conflict*



On the morning of 14 February, EuChemS' 2023 Global Women's Breakfast event "Women scientists at the forefront of global conflicts" was held – marking the third occasion EuChemS participated in IUPAC's Global Women's Breakfast initiative. Our 2023 event considered how science and technology plays and have played a significant role in contemporary conflict - and as conflict scenarios tend to increase exposure to abuse and discrimination, women represent one of the highly vulnerable groups.

The event featured high profile international speakers: women, undertaking scientific jobs in international organisations, such as the Organisation for the Prohibition of Chemical

Weapons (OPCW), or the UK Ministry of Defence's Science and Technology Laboratory and the EuChemS Working Party on the History of Chemistry. They discussed the role of chemistry, in relation to conflicts as well as history, and engaged with each other and with the audience. Topics of careers in the featured organisations, the dilemma between privacy and safety in information sharing, and the role of ethics in chemical education, amongst others were highlighted.





20 April 2023

## EuChemS at Zero Pollution Stakeholder Platform



### H4 Climate, Energy & Mobility

*Ensuring chemistry is sustainable, and minimising chemical pollution*

### H5 Health

*The role of chemistry in the “one health” approach (environmental, human and food health)*

### Clean water and sanitation (SDG 6)

*Focus on minimising groundwater pollution by chemicals*

### Industry, innovation and infrastructure (SDG 9)

*Assessing what priorities are needed within the Horizon programme to achieve the Zero Pollution ambition*

### Responsible consumption and production (SDG 12)

*Circular economy and chemistry*

### Climate action (SDG 13)

*Ensuring chemistry is sustainable, and minimising chemical pollution*



In 2022, EuChemS was invited to join the Zero Pollution Stakeholder Platform, where it is represented by Secretary General Nineta Hrastelj and Executive Board member

Ioannis Katsoyiannis. The Commission, in cooperation with the Committee of the Regions, set up the Zero Pollution Stakeholder Platform to promote the EU's “Zero Pollution Ambition” and achieve the flagship objectives of this programme. The members cooperate to create a common vision to tackle inter-related challenges related to pollution-reduction.

In 2023, the platform held two meetings: one in April and one in November. EuChemS Attended these meetings, to engage with topics of circularity, environmental protection, skills and research areas of the Horizon programme relevant to the ZP agenda.





25 May 2023

## The Phosphorus element - Feeding the world and beyond



### H6 Food, Bioeconomy, Nature Restoration, Agriculture & Environment

*The crucial role of Phosphorus in food & agriculture*

#### Zero hunger (SDG 2)

*Phosphorus & food safety*

#### Responsible consumption and production (SDG 12)

*Circular economy of phosphate products*

#### Life on land (SDG 15)

*Phosphorus use, planetary boundaries & biodiversity*



The 2023 entry in our EuChemS Periodic Table Workshop Series focused on the element of phosphorus – and for the first time, it was held not only online, but also in person in Brussels, at the European Parliament (morning session) and the EuChemS offices (afternoon Session).

During the webinar, chaired by Evamarie Hey-Hawkins from Leipzig University and Member of the European Parliament Maria Spyra, participants from academia, industry and policy backgrounds addressed the challenges related to phosphorus, a key component of our bodies applied to crops using phosphate fertilisers.

Amongst others, the following topics were discussed:

- Can fertilizers and the application of fertilizers be improved?
- Can phosphorus be efficiently recovered and recycled from agricultural runoff, sewage sludge, industrial waste, etc?
- Is there a need for a legislation on mandatory phosphorus recovery from sewage sludge in Europe and worldwide?
- Can a circular economy be developed for phosphorus and can we promote the sustainable use of this essential element?







31 May 2023

## Does science contribute to policymaking? @ SCNAT Switzerland



### H1 Culture, Creativity & Inclusive Society

*Connecting the “culture of science” with the “culture of policy”*

### Peace, justice, and strong institutions (SDG 16)

*Encouraging researchers to participate in policy and strengthen institutions*



Nineta Hrastelj, Secretary General of EuChemS was invited to the Swiss Academy of Sciences (scnat) 16<sup>th</sup> Young Faculty Meeting in Griesalp, Switzerland to talk about the contribution and role of science to policymaking. The meeting, which took place from 31 May to 1 June, was attended by young Swiss chemists. The event's key aims were promoting scientific exchange, as well as international networking and collaboration.

Her talk, “Does science contribute to policy making?”, began with explaining the fundamentals of the European policy landscape as well as the knowledge and skills utilised in policymaking. She expanded on EuChemS policy activities, such as stakeholder group memberships and science-policy workshops, and on her personal experience as an invited expert in her field of expertise to illustrate the influence scientific stakeholders represent in the decision-making and legislative processes. Finally, she introduced some avenues for the participants to explore, such as contributing to public consultations or external expert positions offered by the European Commission respectively.





23 June 2023

## EuChemS contribution to the revision of ALLEA's European Code of Conduct for Research Integrity



### H1 Culture, Creativity & Inclusive Society

*Providing standards to European institutions to evaluate research proposals*

### Quality education (SDG 4)

*Embedding integrity as a key pillar of research*

### Peace, justice, and strong institutions (SDG 16)

*Reinforcing integrity in academic and European institutions*



REVISED EDITION 2023

## The European Code of Conduct for Research Integrity

ALLEA's European Code of Conduct for Research Integrity is a document used widely by EU funded research projects as it lays down European and global standards. To reflect the constant development of best practises to achieve research integrity, ALLEA released an updated version of the 2017 guidelines on 23 June 2023.

As a part of the review process, ALLEA consults stakeholders involved with research and policy. The final edition of the document was a result of a comprehensive consultation on the draft produced by ALLEA's Permanent Working Group on Science and Ethics, that involved more than 30 leading stakeholder organisations – one of them being EuChemS. ALLEA invited EuChemS citing its "work and interest in promoting research integrity" to review the document's capacity of reflecting key developments, clarity, and key resources.



23 June 2023

## EuChemS's CoARA membership



### H1 Culture, Creativity & Inclusive Society

*Inclusivity is a key part of qualitative research assessment*

### Quality education (SDG 4)

*Research assessment reforms are to improve the quality of education*



The Coalition for Advancing Research Assessment (CoARA) is an initiative, announced by Commissioner for Innovation, Research, Culture, Education and Youth Mariya Gabriel during the EU Research and Innovation Days, that aims to improve the quality of European Research by reforming research assessment. EuChemS is committed to high quality and impactful research, therefore it is participating in the coalition: Nineta Hrastelj and Floris Rutjes are representing EuChemS within CoARA.

CoARA held two General Assemblies in 2023: one on 23 June and one on 15 December. These meetings decided on the coalition's leadership, overall strategy as well as the annual work plan and budget.

In addition, EuChemS is member of a CoARA working group on acknowledging and acting against hidden biases in research assessment – which can influence their integrity. EuChemS' focus on inclusivity and the experiences of its international chemistry network make its role in the working group relevant..



7 September 2023  
Stick 2 Science



**H1 Culture, Creativity & Inclusive Society**

*Inclusivity of good science, regardless of geography and politics*

**Partnerships for the goals (SDG 17)**

*Reinforcing international research partnerships*



 **EuChemS**  
European Chemical Society

The Stick to Science campaign, supported by 300+ organisations, including EuChemS, was launched as a call for the association of Switzerland and the United Kingdom into the Horizon Europe Programme. EuChemS is committed to collaboration in science, research and innovation in Europe and beyond, especially during the current period of many crises and challenges. Therefore, we were delighted to see that one of the main goals of this initiative was achieved: in September 2023, the United Kingdom joined the Horizon programme.

It is inspiring to see initiatives EuChemS participates in, such as this, coming to fruition. However, the Stick 2 Science campaign carries on, to fight for achieving the association of Switzerland as well.



## PUBLIC CONSULTATIONS

European institutions harvest the opinions of citizens and expert organisations when developing policies. As EuChemS possesses expertise thanks to its far-reaching chemistry networks, it provides inputs to the policymaking process.

In 2023, the EuChemS network contributed to the following consultations:

[Consultation on the restriction of Per- and polyfluoroalkyl substances \(PFAS\)](#)

[Public consultation on the past, present and future of the European Research & Innovation Framework programmes 2014-2027](#)

[Public Consultation on the revision of EU rules on food contact materials \(FCMs\)](#)

## STAKEHOLDERS

EuChemS is an official accredited stakeholder of the European Food Safety Authority (EFSA).



EuChemS is an official accredited stakeholder of the European Chemicals Agency (ECHA).





# Fostering European Chemistry

**EVENTS**

**CONFERENCES, SYMPOSIA**

**INTERNATIONAL AGREEMENTS**

**CROSS-BORDER NETWORKS**





1

23 June 2023

## EuChemS Historical Landmark Award Ceremony at Jungfrauoch

Jungfrauoch, SWITZERLAND



An EuChemS Historical Landmark Award Plaque unveiling ceremony was held 3571 metres above sea level, at the Jungfrauoch High Altitude Research Station (often referred to as “the Top of Europe”) in February 2023. Led by President of the High Altitude Research Stations Jungfrauoch and Gornergrat Foundation (HFSJG) Prof. Silvio Decurtins, EuChemS and Swiss Chemical Society delegations took a gondola ride, then a train to arrive to the highest altitude train station of the continent.

This outstanding location received the award in recognition of the pioneering work and exceptional “liaison reussie” between the research group of Prof. Marcel Migeotte (1912-1992) with collaborators from the University of Liege, Belgium, and the International Foundation of HFSJG, Switzerland.

Preceding the on-site ceremony, a symposium was held at the University of Bern, where EuChemS representatives, as well as high-profile guests from various research institutions, academia, policy organisations and the media gathered to learn about why Jungfrauoch was more than deserving of becoming a designated landmark. The invited speakers introduced the wide range of research areas related to Jungfrauoch, and high altitude processes.



13 March 2023

**JungChemikerForum Frühjahrssymposium  
(German Young Chemist Spring Symposium)**

Gießen, GERMANY



The German Chemical Society (GDCh)'s Division of young chemists (JCF) organised the Frühjahrssymposium at Justus-Liebig-Universität Gießen in March, to which EuChemS was invited too. Attendees were introduced to future career and educational opportunities at sponsor booths and industry workshops, invited to present their research in large-scale poster sessions, and were provided with ample opportunity for formal and informal networking during a wide range of social events in the lively student city. In addition to this, a host of prestigious speakers were invited to share their research insights, including, amongst others, former GDCh President Peter R. Schreiner, Chemistry-A European Journal deputy editor Rosalba A. Rincón Ovalles and Chemistry Nobel Prize Laureate Benjamin List. EuChemS was there to promote the key messages of the organisation, including chemistry collaboration beyond borders, as well as the importance of communicating science with policymakers and the general public. In addition, EuChemS was happy to introduce its youth division, the European Young Chemists Network (EYCN) to visitors.



3

26 March 2023

EuChemS across the pond: ACS Spring

Indianapolis, U.S.A



ACS Spring 2023, the American Chemical Society's (ACS) major scientific conference was held in Indianapolis, IN, United States, from 26 to 30 March. EuChemS was invited to discuss across ocean collaboration as well as joined the scientific sessions. While EuChemS was a regular guest at previous ACS events, this was the first in-person attendance of an EuChemS delegation overseas since the COVID pandemic.

ACS's and EuChemS' Divisions on Environment held a joint scientific session, titled "Micro- & Nano Plastics as Transport Carriers for Organic Pollutants in the Environment". Past Chair Brigitte van Tiggelen of EuChemS' Working Party on the History of Chemistry, held a lecture at the "Workshop on Traditional Research Methods in History", and EuChemS President Floris Rutjes presented his research on the same day, as part of the session on "Readily accessible strained difunctionalized trans-cyclooctenes with fast click and release capabilities".

During the conference, EuChemS President Floris Rutjes and Secretary General Nineta Hrastelj met with the ACS's governance: CEO Albert Horvath and Chief Operating Officer LaTrease Garrison, Christopher LaPrade and Christina I. McCoy of ACS Global Engagement and Director of Strategy Jodi L. Wesemann.



29 March 2023

**EuChemS Historical Landmark Ceremony the Laboratory of Justus Liebig**

Gießen, GERMANY



In March 2023, the EuChemS Historical Landmark Award Plaque was unveiled at the Liebig-Museum in Gießen, Germany. The Liebig Museum received the award in 2020, in recognition of commemorating the work of German chemist Justus Liebig whose approach towards pioneering chemistry as a basic science, and scientific inquiry methods shaped the future understanding of the field as a basic science within, and beyond Europe. The building, that used to function as Liebig's laboratory, is now a museum, dedicated to the chemical sciences. Approximately 8000 guest from Europe and beyond visit the museum each year, which also offers public lectures, as well as online tours.

During the award ceremony, President Elect Angela Agostiano introduced EuChemS, as well as the pan-European dimensions of the Historical Landmark Award, and Chairman of the Liebig Society Gerd Hamscher praised the community effort following the recent fire at the museum. In addition, the Mayor of Gießen, Frank-Tilo Becher, Martin Rößler, District Vice-President, Cristoph Meinel, Chair of the German Chemical Society's (GDCh) Historical Sites programme and Peter R. Schreiner, GDCh's 2020-2021 President addressed the attendees. The plaque was unveiled as part of a ceremony on museum grounds, where participants,

including GDCh CEO Wolfram Koch could also visit and learn about the historical laboratory. The event was covered in local and international media.





12 May 2023

## Opening ceremony of the OPCW ChemTech Centre

The Hague, THE NETHERLANDS



EuChemS President Floris Rutjes attended by invitation the inauguration ceremony of the Organisation for the Prohibition of Chemical Weapons (OPCW)'s Centre for Chemistry and Technology. EuChemS was one of the organisations providing funding for the realisation of the Centre. It is located in Pijnacker-Nootdorp, the Netherlands, near The Hague, and covers an area of 5700 m<sup>2</sup>. It provides a platform to coordinate efforts between scientists, academia, civil society, industry, and relevant international organisations.

EuChemS continues to strongly support the OPCW's key mission of prohibition of chemical weapons and practising ethical, responsible science.



EuChemS has set up a booth and participated at the 49th World Chemistry Congress of the International Union of Pure and Applied Chemistry (IUPAC), combined with the 11th edition of the Dutch chemistry conference CHAINS. The conference, organised by the Committee led by Floris Rutjes, EuChemS President, was held in The Hague on 20-25 August 2023.

EuChemS booth welcomed numerous visitors. To name just few, IUPAC President Javier Garcia-Martínez and RSC President and CEO Gill Reid and Helen Pain, science historian, Past-Chair of EuChemS' Working party on the History of Chemistry, and co-author of the book "Women in their element" Brigitte van Tiggelen and President of EuChemS' newest member, the Lithuanian Chemical Society, Almira Ramanavičienė. Alongside interacting with conference visitors, at the booth, EuChemS also met with the American Chemical Society to sign a Memorandum of Understanding.

During the conference, Science Communication and Policy Officer Marton Kottmayer visited the **Organisation for the Prohibition of Chemical Weapons'** ChemTech Centre funded by organisations committed to a future free of chemical weapons – **including EuChemS.**

The Delegate Assembly of the European Young Chemist's Network (EYCN) was held just before the IUPAC conference. This meeting provided a nice opportunity for discussions and exchanging information

between Claudia J. Hernando, Marton Kottmayer and Nineta Hrastelj from the EuChemS Office and EYCN, amongst others.



7

24 August 2023

**EuChemS and ACS sign Memorandum of Understanding****The Hague, THE NETHERLANDS**

Floris Rutjes, President of EuChemS, and Nineta Hrastelj, Secretary General, met with Angela K. Wilson, Immediate Past President of the American Chemical Society, alongside other representatives of ACS, in August 2023 in The Hague to sign a Memorandum of Understanding (MoU) between the European Chemical Society and the American Chemical Society. The memorandum is set to be effective for 5 years, during which the parties committed to annual planning and review activities. It signifies the continuation of the lasting collaboration between the two societies, first highlighted by the 2016 MoU.

The 2023 MoU includes commitments to enhance collaboration, strengthening the chemistry ecosystem on a global scale and within this ecosystem, reinforcing the global chemical societies and taking inclusion and diversity into account, alongside issues of employment, education, research integrity and ethics.



**11 October 2023****Pilar Goya, Livia Simon Sarkadi & Brigitte van Tiggelen  
participating in the 7<sup>th</sup> World Engineering Conference 2023****Prague, CZECH REPUBLIC**

EuChemS Past President Pilar Goya, Livia Simon Sarkadi, Honorary President of the Hungarian Chemical Society, and Brigitte van Tiggelen, former Chair of EuChemS Working Party on History in Chemistry held talks at the 7<sup>th</sup> World Engineering Conference, held in Prague, in October 2023.

The conference had a session on Women in Science and Engineering, which Livia Simon Sarkadi chaired. The presentations started with Brigitte van Tiggelen's insights into the historical perspectives of women in science. Then, Pilar Goya introduced EuChemS, and talked about its efforts to bridge science and policy – and the latter's relevance to improve gender equality and make science more inclusive.



15 October 2023

Angela Agostiano at the opening of ISCNP31 &amp; ICOB11

Napoli, ITALY



In October 2023, EuChemS President Elect Angela Agostiano addressed attendees of the joint conference 31st International Symposium On The Chemistry Of Natural Products & 11<sup>th</sup> International Congress On Biodiversity (ISCNP31 & ICOB11). She welcomed on behalf of the European Chemical Society all attending this conference which is co-organised by the International Union of Pure and Applied Chemistry (IUPAC) and the Italian Chemical Society. This successful EuChemS recognised event was held in Napoli, Italy.

## GOOD CHEMISTRY - METHODOLOGICAL, ETHICAL, AND SOCIAL IMPLICATIONS

The online course "Good Chemistry - Methodological, Ethical, and Social Implications" continues to be supported by EuChemS on its dedicated e-learning platform.

The course, taught by EuChemS Award for Service winner Jan Mehlich, delves into the ethical and societal dimensions of chemical research. It aims to provide a versatile set of skills that goes beyond scientific knowledge of chemistry, to make students engage with the subject's practical, ethical and policy-related implications, and its effects on society at large.

It is adopted widely by the scientific community. In 2023, students from the Jagellonian University, taught by Iwona Maciejowska enrolled in the course for one semester, in addition to individual researchers and other interested individuals.





# Science Communication

Each year since the beginning of this decade was turbulent. Crises and challenges kept mounting – and 2023 was no exception. However, these crises also shaped the ways of our thinking, and we stand fast in facing them – approaching them through science, evidence and policies built on it. The recent years has proven that science communication is one of the key pillars of scientifically responding to societal crises. This has given a well deserved recognition to the subject. Research and academia nowadays consistently puts emphasis of engaging people with science, not only “doing” it. Major institutions as well as policy and civil organisations put science communication in the foreground through events and initiatives – EuChemS being no exception.

Yet, the progress towards establishing science communication is not without its barriers. Perhaps one of the key contemporary challenges is the declining trust in science. It may sound as a paradox: despite it being increasingly visible and better communicated, the public tends to be more resistant to accept science. However, alongside the increased intensity of science communication, the sinister spread of misinformation is also an undeniable sign of the times. While modern, user-focused communication tools, such as social media do give a chance to science communicators to reach significant audiences, they also open the door to the proliferation of harmful half-truths and fabrications. The why-s and how-s of misinformation is a complex topic, addressed by many (including fellow experts and myself in EuChemS Magazine Plus). However, one thing is certain: carrying on with effective science communication is necessary to ensure that decisions are made on the basis of research and evidence, rather than hearsay and impulsiveness.

The science-communication of EuChemS primarily focuses on connecting chemists, as well as other relevant actors across borders, and keeping them “in the loop”. After all, communication is a cornerstone of strong

networks. Yet, it is crucial that we communicate science, science-policy, and network perspectives in a way that is accessible for everyone – both in the practical and the abstract sense.

Our content in social media and in our new publication, EuChemS Magazine, is free to access, and it is always chemistry-, science- or research related, but it is not exclusive. All who wish, regardless of background, can keep up to date with European chemistry, and adjacent areas. Our communications focus on the versatility of chemistry, a “foundational science”, and on broadening horizons of chemists and non-chemists alike.



**it is crucial that  
we communicate  
science, science-  
policy, and network  
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that is accessible for  
everyone – both in  
the practical and the  
abstract sense**



The beginning of 2023 brought the release of the brand new serial publication of the European Chemical Society, EuChemS Magazine, which united and improved upon the previous newsletters “Chemistry in Europe” and “Brussels News Updates”. The key rationale behind revamping our publications was to prioritize the EuChemS brand – which is now in the name of our new publication – and to create a more streamlined reading experience.

EuChemS Magazine contains the latest key briefings from EU science policy and breaking updates about EuChemS. It is kept continuously up to date by the EuChemS Office, and every month, an email containing highlight news is sent out to our subscribers.

However, every four months, EuChemS Magazine Plus (EM+) releases with more in-depth analytical research policy and perspective articles, editorials and interviews. Numerous articles of EM+ are written by guest contributors – experts in various fields. This makes EuChemS Magazine Plus not only an achievement of EuChemS, but a communal product of the entire European chemistry community.

Therefore, while our main audience are chemists or those who have background in chemistry, the publication is accessible and interesting for all readers, regardless of field.

If you are not yet subscribed, we invite you to check out EM, do so at:

[www.magazine.euchems.eu](http://www.magazine.euchems.eu)

ISSN 2953-2272

### 2023 MOST READ ARTICLES

- 1/ 60 years of analytical chemistry at Aristotle University of Thessaloniki, Greece**  
*By Victoria Samanidou, Anastasia-Stella Zotou, Aristidis Anthemidis, George Zachariadis, Georgios Theodoridis, Stella Girousi, Paraskevas Tzanavaras, Georgios Tsogkas, Natasa Kalogiouri*
- 2/ Antwerp to host ECC10**  
*By Marton Kottmayer*
- 3/ Standing for science in the era of social media and fake news**  
*By Shahzada Ahmad & Manuel Doblare*



## EuChemS shares insights at 5th Zero Pollution Stakeholder Platform

2 min read

### Editorial +

EDITORIAL  
by  
Floris Rutjes



### Strengthening EuChemS

As his term as EuChemS President ends on 31 December 2023, Floris Rutjes summarizes the last three years.

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### EuChemS news



EuChemS met in Cyprus



EuChemS submits response to ECHA consultation on PFAS



Lithuanian young researcher Martyna Kniazevaitė receives EuChemS' EUCYS award

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### Events



9th EuChemS Chemistry Congress



EuChemS Global Women's Breakfast 2024

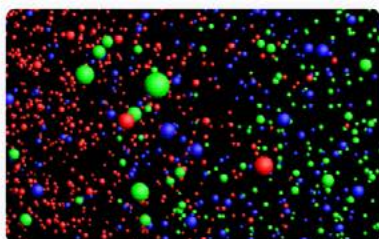


1st French – Italian Coordination Chemistry days (JCC 2024)

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### Awards >

### Research +

[Read all Research+ articles →](#)


Chemistry e-Learning with MolView



Forging connections across borders and chemistry disciplines



GDCh Strengthens Global Ties: Cooperation Agreements with RACI and RSC

## SOCIAL MEDIA

Social media is one of the most important avenues to connect both with the chemistry community and with the general public. These platforms, used globally, help European chemists, institutions, industries and policymakers amongst others to connect easily, across borders.

Yet, 2023 was also a turbulent year for social media. Changes in trends, the rebranding and reacquisition of one of the biggest social media companies, which also carried changes in its rules, and the raise of artificial intelligence trends influenced highly on what is going on in the public discourse – and, as discussed in the previous section, these platforms are becoming hotbeds for misinformation.

However, this is exactly why EuChemS – amongst other scientific, and fact checking organisations – should retain and reinforce social media presence: to counter and balance the stream of information.

Committed to unbiased and scientific approaches to communication, EuChemS keeps its chemistry community informed about developments in European chemistry and science-policy, while our campaigns reach out to the general public.

## OUR ACCOUNTS

Our X account @euchems provides brief and regular updates about EuChemS. In our bite-sized tweets you can read the news briefly, learn about awards and many more.

At the end of 2023, we have:

 **7958**

**followers on X**

**which is a 669 growth since 2022.**

Our Facebook account is the primary social for our recognised events. Alongside our news and updates, you can find and react to all EuChemS recognised events published here.

At the end of 2023, we have:

 **4816**

**followers on Facebook**

**which is a 185 growth since 2022.**

On our LinkedIn account you can find all professional updates – you can see summaries of high-level policy events we attended, as well as posts about our conferences and similar activities.

At the end of 2023, we have:

 **4885**

**followers on LinkedIn**

**which is a 1127 growth since 2022.**

We upload recordings of our online events, and other informative, chemistry related video content to our YouTube channel.

At the end of 2023, we have:

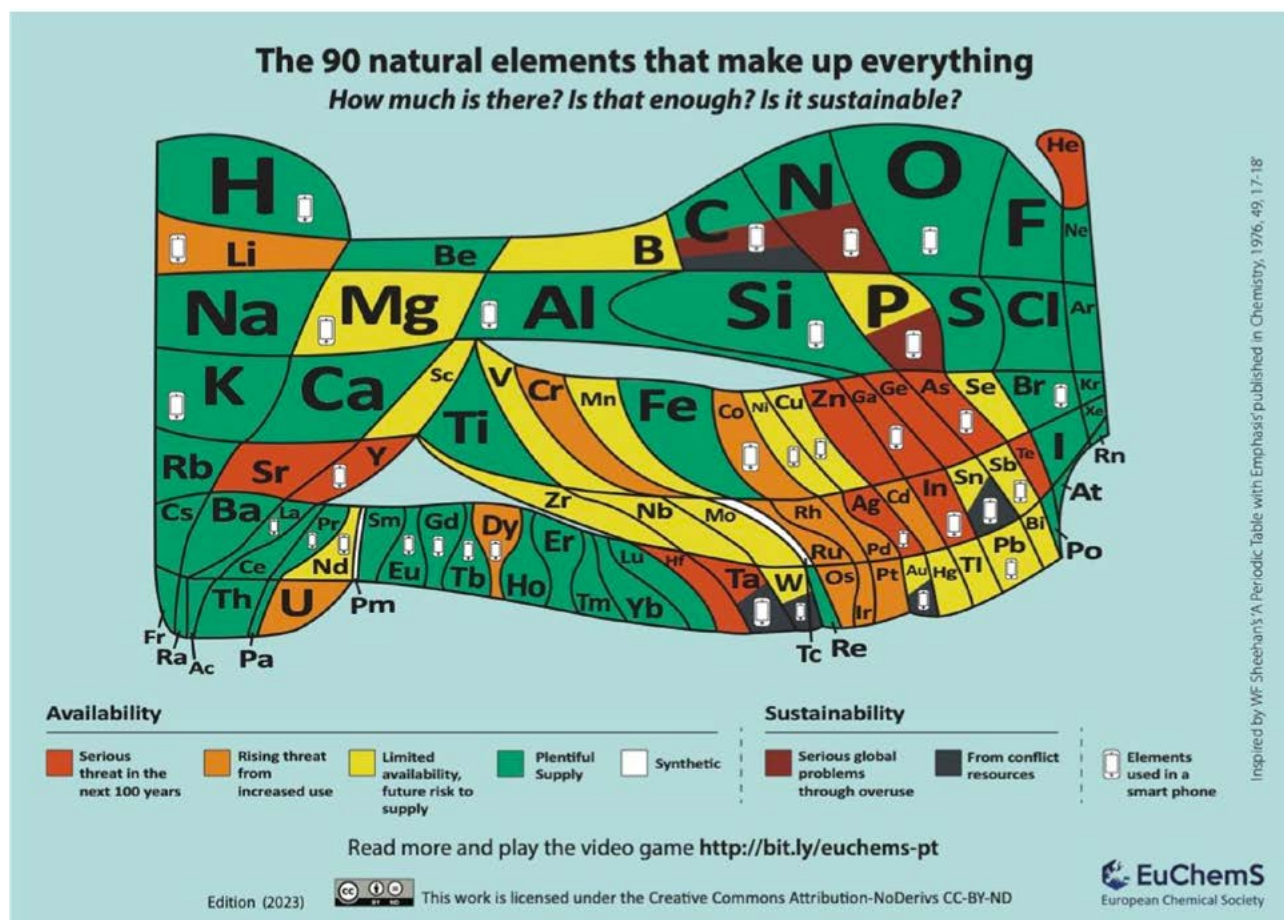
 **276**

**followers on YouTube**

**which is a 37 growth since 2022.**



## EUCHEMS PERIODIC TABLE



The EuChemS periodic table aims to emphasize element scarcity, and the importance of sustainability in resource use through unique visual means: by demonstrating the available amount of each element on a logarithmic scale, and in addition, using colour coding to show how sustainable the societal uses of them are.

This image is a well-known initiative of EuChemS since 2019, the International Year of the Periodic Table. It became a success as it displayed what role science and social factors play in element scarcity. However, neither social factors, nor science is static: new discoveries and societal changes influence the sustainability of elements. This is why EuChemS runs the Periodic Table Workshop Series – and this is why we consider the EuChemS Periodic Table a living document.

In 2023 the General Assembly adopted the proposed changes for the edition of the Periodic table.

This recent update introduces the concept of sustainability to the EuChemS Periodic Table (in the subtitle and in the colours of C, N and P). This was a much needed change, as, although some elements may not be so threatened by dispersion, they can still be unsustainable for other reasons. These reasons include originating from conflict regions and overuse. The update also aims to highlight the unique position of carbon (C) and to flag a greater risk of dispersion of lithium as we move towards a greater use of lithium batteries - this change illustrates the table's responsiveness to societal changes.



**Marton Kottmayer**

*Science Communication  
& Policy Officer*

# Awards

## EUCHEMS GOLD MEDAL 2024



Following the recommendation of the International Award Committee for EuChemS Gold Medal (IACM), chaired by Joachim Sauer, the EuChemS Executive Board has decided to award the 2024 EuChemS Gold Medal to **Avelino Corma**, for his exceptional achievements in the field of chemistry.

Avelino Corma, Professor and founder of the Instituto de Tecnología Química (CSIC-UPV) in Valencia, Spain, worked on fundamental aspects of acid-base and redox catalysis with the aim of understanding the nature of the active sites, and reaction mechanisms for almost 40 years. He is an internationally recognized expert in solid acid and bifunctional catalysts for energy chemicals, and for making more sustainable chemical processes, especially in the synthesis and application of zeolite catalysts. He received many honours for his work, such as the Principe de Asturias Award, ENI Award and the Spiers Memorial Award amongst others.

## EUCHEMS LECTURE AWARD 2022



**Athina Anastasaki** received the 2022 EuChemS Lecture Award for her major achievements, and her outstanding research profile on the field of polymer chemistry. She is currently an Assistant Professor at ETH Zurich leading the Laboratory of Polymeric Materials. Her group focuses on fundamental polymer synthesis, self-assembly and chemical recycling predominantly in the area of controlled radical polymerization. Athina Anastasaki has co-authored over 115 peer-reviewed publications and has been the recipient of an ERC Starting Grant, the Hanwha-Total IUPAC Young Scientist Award, the Polymers Young Investigator Award, the ACS Macroletters/Biomacromolecules/Macromolecules Young Investigator Award and the Ruzicka Prize. She is a very dedicated teacher and has received the Golden Owl Award in recognition to outstanding faculty teaching. In addition, Athina Anastasaki serves as an Associate Editor at the RSC Journal Polymer Chemistry.

## ■ EUCHEMS HISTORICAL LANDMARKS AWARD 2023

### The legacy of Karl Ziegler and Giulio Natta



This historical landmark jointly honours two places, where pioneering discoveries were made by the German group headed by **Karl Ziegler** and the Italian group headed by **Giulio Natta**. These scientists are closely associated with each other and their groups were tightly bonded. Initially they were linked by their cooperative and competitive research and development activities. Then they shared the Nobel Prize for Chemistry in 1963 and until today “Ziegler–Natta” is a well known term within the Chemistry community. It is applied to olefin polymerization using organometallic catalysts. It should be noted that the Science History Institute honours the two scientists in a shared historical biography. The landmark focuses on the two sites where the chemistry of Ziegler and Natta was born: the historic laboratory building of the Max-Planck-Institut (MPI) für Kohlenforschung in Mülheim, Germany and the “Giulio Natta” Department of Chemistry, Materials and Chemical Engineering at the Politecnico in Milano, Italy.





## Hospital of Pilgrims in Altafulla



This historical landmark is a building presently known as the old “Hospital de Pelegrins” (Hospital of Pilgrims) located in Altafulla, a town in the province of Tarragona on the southern coast of Catalonia, Spain. The Renaissance style building (XVI – XVII centuries) housed the laboratory of the chemist and naturalist Antoni de Martí i Franquès (Altafulla, 1750 – Tarragona, 1832), where he developed an eudiometrical procedure to determine the composition of atmospheric air. Throughout his life, Martí built up a remarkable library that included the most important contemporary European scientific publications, as well as a laboratory where he conducted his experimental activities. Currently, the building belongs to the town council.





## DIVISION AWARDS

### EuChemS Division of Analytical Chemistry DAC-EuChemS Award 2023

**Prof. Damià Barceló,**

- in recognition of his work "Microplastics in the Aquatic Environment: Green Analytical Protocols, Vectors of Pharmaceuticals and Risk to Biota".



### EuChemS Division of Analytical Chemistry Robert Kellner Lecture Award 2023

**Prof. Antje Bäumner**

- in recognition of her work "Where nanomaterials can be a unique tool for the improvement of biosensors".



### EuChemS Division of Computational and Theoretical Chemistry Inaugural Lifetime Achievement Award in Computational and Theoretical Chemistry

**Prof. Hans Lischka**

- in recognition of his fundamental work on multi-reference systems and high-level theoretical spectroscopy.



### EuChemS Division of Computational and Theoretical Chemistry Walter Thiel Award in Computational and Theoretical Chemistry



**Felix Plasser**

- in recognition of his outstanding scientific contributions as a young researcher.



### EuChemS Division of Chemistry and the Environment Lifetime Achievement award 2023

**Prof. Walter Giger**

- in recognition of his lifetime achievements in pioneering environmental chemistry.



## EuChemS Division of Food Chemistry Young Researcher Award 2023



### Ítala Marx

- in recognition of her excellent research in the field of food chemistry in her PhD thesis "Improvement of olive oil flavor and bioactive composition by optimizing industrial extraction using taste sensor devices".



## EuChemS Division of Green and Sustainable Chemistry European Sustainable Chemistry Award (ESCA)



### Arjan Kleij

- in recognition of his outstanding contribution to sustainable development by applying green and sustainable chemistry.

## EuChemS Division of Organic Chemistry Award for Research 2023



### Prof. Alois Fürstner

- in recognition of his many important contributions to contemporary catalysis research and, in parallel, the demonstration of the potential of homogeneous catalysis for target-oriented synthesis by a truly impressive number of advanced applications in the total synthesis of natural products and compounds of biological interest.

## EuChemS Division of Organic Chemistry Award for Service 2023



### Prof. Serafino Gladiali

- in recognition of his contributions to European chemistry in his leadership roles in a series of COST Actions and his hosting of numerous early career researchers from across Europe on short term scientific missions in Sassari.



**EuChemS Division of Organic  
Chemistry Young Investigator  
Award 2023**



**Prof. Oliver Dumele**

- in recognition of his contributions to the fields of supramolecular materials, aromatic macrocycles and photoswitches.

**EuChemS Division of  
Organometallic Chemistry 2023  
Fischer-Wilkinson Prize**



**Prof. Helmut Werner**

- in recognition of his outstanding contributions to organometallic chemistry, and in particular, his ground-breaking work on kinetically labile and reactive ligands as well as metal-based basicity, which amongst others helped to develop late transition metal homogeneous catalysts.



# Recognised Events

Collaboration drives science. We pride ourselves in facilitating, giving opportunities, and promoting chemists across borders and disciplines to meet, exchange knowledge and collaborate. And what better way is there to do so than events: scientific conferences, symposia, meetings, congresses and more.

We harness the expertise of our wide network of more than 120.00 European chemists, and give them opportunities to organise their events, which we then recognise, promote and unify under the EuChemS banner, which highlights their scientific excellence and high quality.

In addition to our recognised events from member organisations, 2023 was also the year our Professional Networks organised their flagship conferences. Our Professional Networks - international expert groups devoted to the study and dissemination of research within a specific subset of chemistry - are committed to organise high quality scientific conferences all across Europe, to allow experts of their respective fields to meet and exchange knowledge. Giving a European dimension to these specific areas of chemistry supports EuChemS' goal: it strengthens the European chemistry community "block by block" and shows how diverse yet interconnected subfields of chemistry are.

Below you will find a list of these prestigious events of the last year – as well as an outlook towards 2024.





## RECOGNISED EVENTS 2023

EuChemS offers an official recognition scheme to its Member Societies, Professional Networks, and to non-member organisations. This allows high-quality events and conferences to be widely shared with our networks across Europe. Since 2013, EuChemS has recognised more than 280 events.

2023 Global Women's Breakfast GWB (2023)

**14/02/2023 • online**

Frühjahrssymposium / Spring Symposium (FJS 2023)

**21-24/03/2023 • Gießen, Germany**

*EuChemS Young Chemists' Network (EYCN)*

28<sup>th</sup> Meeting of Chemists and Chemical Engineers

**28-31/03/2023 • Rovinj, Croatia**

*Croatian Chemical Society*

ECTN (European Chemistry Thematic Network Annual Meeting and General Assembly

**13-15/04/2023 • Amsterdam, the Netherlands**

*European Chemistry Thematic Network (ECTN)*

European Chemical Biology Symposium (8ECBS)

**09-11/05/2023 • Gothenburg, Sweden**

*Division on Chemistry of Life Sciences (DCLS)*

Chemical Reactions In Foods IX: Chemistry & nutrition science beyond smart food designing (CRF 2023)

**13-15/09/2023 • Prague, Czech Republic**

*Division of Food Chemistry (DFC)*

NeXT-Chem: Innovative cross-sectoral technologies Exploratory Workshop

**22-23/05/2023 • Bucharest, Romania**

*Romanian Chemical Society*

The role of Chemicals in our daily life: The Phosphorus element – feeding the world and beyond

**25/05/2023 • Brussels, Belgium**

13<sup>th</sup> International Conference on the History of Chemistry (13ICHC)2023

**23-27/05/2023 • Vilnius, Lithuania**

*Working Party on History of Chemistry (WPHC)*

▼ XIV International School on Organometallic Chemistry Marcial Moreno Mañas  
(ISOC-MMM2023)

**31/05/2023-02/06/2023 • Alicante, Spain**

*Spanish Royal Society of Chemistry (RSEQ)*

16<sup>th</sup> International Symposium on Applied Bioinorganic Chemistry (16<sup>th</sup> ISABC)

**11-14/06/2023 • Ioannina, Greece**

*Association of Greek Chemists (AGC)*

18<sup>th</sup> International Conference On Chemistry and the Environment (ICCE 2023)

**11-15/06/2023 • Venice, Italy**

*Division on Chemistry and Environment (DCE)*

XXII EuroFoodChem

**14-16/06/2023 • Belgrade, Serbia**

*Division of Food Chemistry (DFC)*

HPLC 2023 - 51<sup>st</sup> International Symposium on High Performance Liquid Phase Separations  
and Related Techniques

**18-22/06/2023 • Düsseldorf, Germany**

*German Chemical Society (GDCh)*

XLVII «Attilio Corbella» International Summer School on Organic Synthesis (ISOS 2023)

**18-22/08/2023 • Gargnano, Italy**

*Italian Chemical Society (SCI)*

SCF 2023 Congress

**26/06/2023, 28/06/2023 • Nantes, France**

*Division of Chemistry in Life Sciences and French Chemical Society (DCLS-SCF)*

ChemCon2023

**03-05/07/2023 • Jerusalem, Israel**

*Israel Chemical Society*

21<sup>st</sup> International Symposium on Wood, Fiber and Pulping Chemistry (ISWFPC 2023)

**04-07/07/2023 • Venice, Italy**

*Italian Chemical Society (SCI)*

18<sup>th</sup> European Conference on Solid State Chemistry (ECSSC2023)

**09-12/07/2023 • Prague, Czech Republic**

*Division on Solid State Materials (DSSM)*

25<sup>th</sup> International Symposium on Advances in Extraction Technologies (ExTech2023)

**18-21/07/2023 • Santa Cruz de Tenerife, Spain**

*Real Sociedad Española de Química (RSEQ)*

European Conference on Computational and Theoretical Chemistry (CompChem 2023)

**27-31/08/2023 • Thessaloniki, Greece**

*Division on Computational and Theoretical Chemistry (DCTC)*

Euroanalysis XXI

**27-31/08/2023 • Geneva, Switzerland**

*Division of Analytical Chemistry (DAC)*

6<sup>th</sup> EuChemS Inorganic Chemistry Conference (6<sup>th</sup> EICC)

**03-07/09/2023 • Vienna, Austria**

*Division of Inorganic Chemistry (DIC)*

XXV Organometallic Conference 2023 (EuCOMC XXV)

**04-08/09/2023 • Alcalá de Henares, Madrid**

*Division of Organometallic Chemistry (DOM)*

GDCh Science Forum Chemistry 2023 (WiFo 2023)

**04-06/09/2023 • Leipzig, Germany**

*German Chemical Society (GDCh)*

6<sup>th</sup> EuChemS Conference on Green and Sustainable Chemistry (6<sup>th</sup> EuGSC)

**03-06/09/2023 • Fisciano, Italy**

*Division of Green and Sustainable Chemistry (DGSC)*

6<sup>th</sup> International Mass Spectrometry School (imss 2023)

**17-22/09/2023 • Cagliari, Italy**

*Italian Chemical Society (SCI)*

26<sup>th</sup> Congress of the Society of Chemists and Technologists of Macedonia  
(26<sup>th</sup> Congress of SCTM)

**20-23/09/2023 • Ohrid, North Macedonia**

*Society of Chemists and Technologists of Macedonia*

4<sup>th</sup> European Conference on Physical Chemistry (ECPC23)

**09-11/10/2023 • Dornbirn, Austria**

*Division of Physical Chemistry (DPC)*

3<sup>rd</sup> STEM-CPD Summer School

**15-19/10/2023 • Aveiro, Portugal**

*European Chemistry Thematic Network (ECTN)*

31<sup>th</sup> International Symposium on the Chemistry of Natural Products and

11<sup>th</sup> International Congress on Biodiversity (ISCNP31 & ICOB11)

**15-19/10/2023 • Naples, Italy**

*Italian Chemical Society (SCI)*



13<sup>th</sup> International Vanadium Symposium (V13)

**22-24/11/2023 • Lisboa, Portugal**

*Portuguese Chemical Society (SPQ)*

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19<sup>th</sup> International Conference on Polysaccharides and Glycoscience (19<sup>th</sup> ICPG)

**08-10/11/2023 • Prague, Czech Republic**

*Czech Chemical Society*

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6<sup>th</sup> Webinar in Food Chemistry

**07/12/2023 • online**

*Division of Food Chemistry (DFC)*

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25<sup>th</sup> Conference on Isoprenoids «Phytochemistry»

**11-13/09/2023 • Karaganda, Republic of Kazakhstan**

*Czech Chemical Society*

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## RECOGNISED EVENTS BEYOND 2023

SCF Chemical Biology Symposium 2024

**24-26/01/2024 • Orsay, France**

*Division of Chemistry in Life Sciences and French Chemical Society (DCLS-SCF)*

1<sup>st</sup> French - Italian Coordination Chemistry days (JCC 2024)

**24-26/01/2024 • Strasbourg, France**

*French Chemical Society (SCF)*

Young Chemists Summit 2024 (YC Summit 2024)

**14-16/02/2024 • Salzburg, Austria**

*Austrian Chemical Society (GÖCH)*

XV Meeting of Young Chemical Engineers (SMLKI)

**22-23/02/2024 • Zagreb, Croatia**

*Croatian Chemical Society*

Catalysing Diversity: How to Tackle Our Current Biases (2024 GWB)

**27/02/2024 • online**

International School of Process Chemistry 2024 (ISPROCHEM 2024)

**26-29/05/2024 • Gargnano, Italy**

*Italian Chemical Society (SCI)*

International School in Photo and Biocatalysis (Photocat24)

**02-07/06/2024 • Padova, Italy**

*German Chemical Society (GDCh)*

8<sup>th</sup> EuChems Conference on Nitrogen Ligands (NLigands'2024)

**03-07/06/2024 • Cassis, France**

*French Chemical Society (SCF)*

7<sup>th</sup> International Congress Chemistry for Cultural Heritage 2024 (CHEMCH 2024)

**02-05/07/2024 • Bratislava, Slovakia**

*Working Party on Cultural Heritage (WPCH)*

10<sup>th</sup> International Conference on Nuclear and Radiochemistry (NRC10)

**25-30/08/2024 • Brighton, United Kingdom**

*Division of Nuclear and Radiochemistry (DNRC)*

European Colloquium on Inorganic Reaction Mechanisms (ECIRM)

**08-11/09/2024 • Toulouse, France**

*Division of Organometallic Chemistry (DOM)*

▼ International School on Mass Spectrometry (intSMS 2024)

• **09-14/09/2024 • Erice, Italy**

• *Italian Chemical Society (SCI)*

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• 3<sup>rd</sup> European Sample Preparation Conference and 2nd Green and Sustainable Analytical Chemistry Conference (EuSP2024 | GSAC2024)

• **15-18/09/2024 • Chania-Crete, Greece**

• *Division of Analytical Chemistry (DAC) and Division of Green and Sustainable Chemistry (DGSC)*

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• 20<sup>th</sup> Ružička days (20 RD)

• **18-20/09/2024 • Vukovar, Croatia**

• *Croatian Chemical Society*

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• Solutions in Chemistry 2024 (SiC2024)

• **11/11/2024-15/11/2024, Sveti Martin na Muri, Croatia**

• *Croatian Chemical Society*

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• New Horizons in Drug Delivery and Formulations 2023 (NHDDF)

• **27/11/2024-29/11/2024, Uppsala, Sweden**

• *Working Party on Formulation on Chemistry (WPFC)*

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• 19<sup>th</sup> International Conference on Chemistry and the Environment (ICCE 2025)

• **08-12/06/2025 • Serbia**

• *Serbian Chemical Society - Division of Chemistry and the Environment (DCE)*

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• 21<sup>st</sup> European Symposium on Fluorine Chemistry (21 ESFC LISBON)

• **03-09/08/2025 • Lisbon, Portugal**

• *Division on Green and Sustainable Chemistry (DGSC)*

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• Euroanalysis 2025

• **31/08/2025-04/09/2025 • Barcelona, Spain**

• *Division of Analytical Chemistry (DAC)*

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While all of our numerous recognised events are scientific conferences of the highest standard, we are delighted to highlight the newest edition of the EuChemS Chemistry Congresses!

The EuChemS Chemistry Congresses are with participants from all over Europe and beyond. Every two years, a different country with an EuChemS member organisation hosts the congress – in 2024, it will be Ireland. You can find all details on ECC9 below.



# 9th EuChemS

CHEMISTRY CONGRESS  
Dublin, Ireland 7-11 July 2024



## CHEMISTRY: ADDRESSING CURRENT AND FUTURE GLOBAL CHALLENGES



### ECC-9 Scientific Programme will be focused around eight scientific themes

Advances in Synthetic Organic Chemistry	Education, History, Cultural Heritage, and Ethics in Chemistry	Physical, Analytical and Computational Chemistry	Energy, Environment and Sustainability
Catalysis	Nanochemistry/ Materials	Chemistry Meets Biology for Health	Supramolecular Chemistry

### The World-Leading Plenary Speakers, 8 Invited Lecturers and 60 Short Oral Communications per Theme



Professor Dame Clare P. Grey



Professor Odile Eisenstein



Professor Véronique Gouverneur



Professor Frances H. Arnold



Professor Sir David W. C. MacMillan



Professor Sir J. Fraser Stoddart



Professor Omar M. Yaghi



Professor Brigitte Van Tiggelen

### Sponsorship & Exhibition Opportunities

Sponsorship and Exhibition opportunities are available, please contact [expo@euchems2024.org](mailto:expo@euchems2024.org)

#### Call for Abstracts

Please submit your abstract now for oral communications or poster presentations

#### Abstract Submission Key Dates

Call for Abstracts Opens: Mon 4th Sept 2023  
Call for Abstracts Closes: Fri 8th Dec 2023  
Notification of Authors: Fri 23rd Feb 2024



[www.euchems2024.org](http://www.euchems2024.org)















# About EuChemS

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# Member Societies & Supporting Members

## MEMBER SOCIETIES

	Osterreichische Gesellschaft für Analytische Chemie	<i>Austrian Society of Analytical Chemistry</i>
	Gesellschaft Österreichischer Chemiker	<i>Austrian Chemical Society</i>
	Société Royale de Chimie	<i>Walloon Royal Society of Chemistry</i>
	Koninklijke Vlaamse Chemische Vereniging	<i>Royal Flemish Chemical Society</i>
	Съюза на химиците в България	<i>Union of Chemists of Bulgaria</i>
	Hrvatsko kemijsko društvo	<i>Croatian Chemical Society</i>
	Παγκύπρια Ένωση Επιστημόνων Χημικών	<i>Pancyprian Union of Chemists</i>
	Ceská společnost Chemická	<i>Czech Chemical Society</i>
	Kemisk Forening	<i>Danish Chemical Society</i>
	Eesti Keemia Selts	<i>Estonian Chemical Society</i>
	Suomalaisten Kemistien Seura	<i>Finnish Chemical Society</i>
	Société Chimique de France	<i>French Chemical Society</i>
	Gesellschaft Deutscher Chemiker	<i>German Chemical Society</i>
	Deutsche Bunsen-Gesellschaft für Physikalische Chemie	<i>German Bunsen Society for Physical Chemistry</i>



	Ένωση Ελλήνων Χημικών	<i>Association of Greek Chemists</i>
	Magyar Kémikusok Egyesülete	<i>Hungarian Chemical Society</i>
	Instituid Ceimice Na Héireann	<i>Institute of Chemistry of Ireland</i>
	הימכל תלארשיה הרבחה	<i>Israel Chemical Society</i>
	Società Chimica Italiana	<i>Italian Chemical Society</i>
	Lithuanian Chemical Society	<i>Lietuvos chemikų draugija (LChD)</i>
	Association Luxembourgeoise de Chimistes	<i>Association of Luxembourgish Chemists</i>
	Hemijsko društvo Crne Gore	<i>Chemical Society of Montenegro</i>
	Koninklijke Nederlandse Chemische Vereniging	<i>Royal Netherlands Chemical Society</i>
	Сојуз на хемичарите и технолозите на Македонија	<i>Society of Chemists and Technologists of Macedonia</i>
	Norsk Kjemisk Selskap	<i>Norwegian Chemical Society</i>
	Polskie Towarzystwo Chemiczne	<i>Polish Chemical Society</i>
	Sociedade Portuguesa de Química	<i>Portuguese Chemical Society</i>
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	Societatea de Chimie din Romania	<i>Romanian Chemical Society</i>
	Российское химическое общество им. Д.И. Менделеева	<i>Mendeleev Russian Chemical Society</i>



Научный совет по аналитической химии

*Russian Scientific Council on Analytical Chemistry*



Српско хемијско друштво – Srpsko hemijsko društvo

*Serbian Chemical Society*



Slovenská chemická spoločnosť

*Slovak Chemical Society*



Slovensko kemijsko društvo

*Slovenian Chemical Society*



Real Sociedad Española de Química

*Spanish Royal Society of Chemistry*



Sociedad Española de Química Analítica

*Spanish Society for Analytical Chemistry*



Asociación Nacional de Químicos e Ingenieros Químicos de España

*National Association of Chemists and Chemical Engineers of Spain*



Societat Catalana de Química

*Catalan Chemical Society*



Svenska Kemisamfundet

*Swedish Chemical Society*



Société Suisse de Chimie – Schweizerische Chemische Gesellschaft

*Swiss Chemical Society*



Türkiye Kimya Dernegi

*Turkish Chemical Society*



Royal Society of Chemistry

*Royal Society of Chemistry*

## SUPPORTING MEMBERS



European Nanoporous Materials Institute of Excellence (ENMIX)

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European Chemistry Thematic Network Association (ECTN)

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European Federation of Managerial Staff in the Chemical and Allied Industries (FECCIA)

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European Research Institute of Catalysis (ERIC)

---



European Federation for Medicinal Chemistry and Chemical Biology (EFMC)

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International Sustainable Chemistry Collaborative Centre (ISC3)

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Chemistry Europe

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Consiglio Nazionale  
delle Ricerche

Consiglio Nazionale delle Ricerche – Italian National Research Council (CNR)

## PARTNERS AND OBSERVERS



IUPAC – International Union for Pure and Applied Chemistry

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ACS – American Chemical Society

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FACS – Federation of Asian Chemical Societies

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EPS – European Physical Society

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Cefic European Chemical Industry Council

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COST Chemistry and Molecular Sciences and Technologies

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ERA-Chemistry Network

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EFCE – European Federation of Chemical Engineering

# Executive Board

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The Executive Board is responsible for managing the scientific, educational, and professional activities of EuChemS.

The Executive Board includes the President, the Vice-President, the Treasurer, members elected by the General Assembly, and other members appointed by the Executive Board to provide special expertise.

## EXECUTIVE BOARD MEETINGS

### ▼ 9-10 February 2023

Thessaloniki, Greece

### 16 June 2023

online

### 11-12 October 2023

Larnaca, Cyprus

## Task Groups

### Open Science

*Chaired by Floris Rutjes*

### EuChemS Outreach

*Chaired by Floris Rutjes*

### EuChemS Awards

*Chaired by Angela Agostiano*

### Inclusion and diversity

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### Financial matters

*Chaired by Hans-Peter Lüthi*

### EuChemS and Industry

*Chaired by Hans-Peter Lüthi*

### Circular Economy

*Chaired by Nicola Armaroli*

# Professional Networks

Our Professional Networks are international expert groups devoted to the study and dissemination of research within a specific subset of chemistry, under the banner of EuChemS. They are committed to organise high quality scientific conferences all across Europe, to allow experts of their respective fields to meet and exchange knowledge and to contribute to EuChemS policy inputs. With 14 Divisions, 4 Working Parties, and the EYCN – European Young Chemists' Network, EuChemS is able to provide networking opportunities for chemists and researchers from across Europe, and from across fields of expertise.



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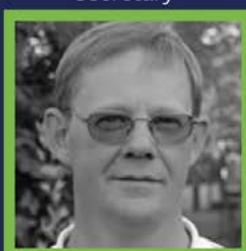
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*Secretary General*  
*(since 2011)*



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*Science*  
*Communication*  
*and Policy Officer*  
*(From March 2022)*



**Claudia Jiménez  
Hernando**  
*Administrative Assistant*  
*(From August 2022)*



**Caterina Ricciardi**  
*Erasmus+ Intern*  
*(From August 2022*  
*until January 2023)*







**50**  
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## Notes



## Notes







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[secretariat@euchems.eu](mailto:secretariat@euchems.eu)

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