

YEAR BOOK

2022



EuChemS

European Chemical Society

ACKNOWLEDGEMENT

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



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EDITORIAL



Floris Rutjes

President

The beginning of the year 2022 was still dominated by Covid, however, knowing that the new omicron variants were less harmful, and resistance increased as a result of the vaccinations, there was the hope that we would slowly move out of the grip of the pandemic. And this indeed happened. The decrease of the pandemic was, however, overshadowed near the end of February by the Russian invasion of Ukraine resulting in a gruesome war with devastating consequences for the Ukrainian people. This war will have no winners and the end still seems far away. It is incredibly sad that while organizations such as EuChemS are continuously working to unite scientists from all over Europe, political decisions lead to war between some of these countries.

Notwithstanding, steadily many activities went back to normal, regular teaching was resumed, physical meetings were held and traveling increasingly became part of our lives again. It was a relief to be able to meet people again in a normal way, although I must admit that my first lecture for an audience of 200 persons in Amsterdam somehow felt uneasy having been accustomed to keeping a safe distance and avoiding crowds. On March 1 2022, after having been EuChemS President for more than one year, I had my first visit to the EuChemS headquarters in Brussels, which is only a three-hour train ride from where I live. EuChemS also resumed many of its regular activities. One of the first international activities was to install the EuChemS Historical Landmark plaque on the wall

of the University of Chemistry and Technology in Prague, dedicated to the founding of EuChemS, which started in one of their buildings as the Federation of European Chemical Societies (FECS).

The year 2022 was also marked by an increasing number of activities involving policy concerning sustainability. Representing EuChemS, I attended the first physical meeting of the High Level Roundtable on the implementation of the Chemicals Strategy in Brussels, set up by the DG Environment of the European Commission, which was about 'Safe and Sustainable by Design'. EuChemS also joined the Zero pollution Stakeholder platform, set up jointly by the European Commission and the Committee of the Regions. Furthermore, EuChemS organised a successful policy workshop inspired by the EuChemS Periodic Table on the positive and negative aspects associated with the use of the nitrogen, a crucial element in the production of food.

Perhaps the most important event of the year was the 8th EuChemS Chemistry Congress (ECC8) that was held in Lisbon. The organizers, headed by the President of the Portuguese Chemical Society, Artur Silva, and the Chair of the Scientific Committee, Luisa de Cola, had put together a magnificent program covering the full width of chemistry and beyond. Various workshops were organized often aimed at the younger part of the audience about topics such as Open Science, gender diversity and employability. Following the initiative of Nineta Hrastelj, Secretary General of EuChemS, there was also a lively panel discussion about 'Zero Pollution' with the high level speakers of the Royal Society of Chemistry, the German Chemical Society, the American Chemical Society, IUPAC, as well as Nineta Hrastelj and myself from EuChemS. The discussion was meant to draw attention to the problems associated with chemical pollution and the aim to set-up an Intergovernmental

Panel to address these challenges in a global, science-guided approach. Most of all, however, ECC8 was a real-life meeting with many good discussions, many new ideas, and many opportunities to meet each other. Numerous key meetings took place at the successful, busy EuChemS booth located in the exhibition hall, and visited by members of the public as well as many of our colleagues. All in all, the conference was a great success.

At the General Assembly, also held in Lisbon, we had intense discussions on new strategies for EuChemS. One of the topics concerned increasing the engagement with industrial partners. Chemistry obviously is not solely an academic field, but a discipline with many interfaces with society, including companies, ranging from small to very large, with an enormous variety of products and applications. Nevertheless, while EuChemS as a whole – Executive Board, Divisions, Working Parties – fully consist of academic representatives, there is hardly any involvement from industrial partners. In contrast, many of the Member Societies do have strong ties to industry, as demonstrated for example by industrial representatives in the board, memberships for companies, and scientific meetings jointly organised with chemical companies. Virtually all members were enthusiastic about more engagement with industrial partners, meaning that we will start to involve industry in various of our activities, however, in such a way that EuChemS will maintain its independent position as a learned society. There was also strong support to increase EuChemS' educational activities. The online course 'Good Chemistry – Methodological, Ethical, and Social Implications' has been a great success and there was a clear wish from the members to increase the number of courses. Not by duplicating courses that already exist, but by setting-up courses on topics, such as sustainability, where the European dimension is relevant.

The General Assembly also chose new Executive Board members. I am very pleased that Angela Agostiano, former President of the Italian Chemical Society, will become the new EuChemS President-Elect and that Hans-Peter Lüthi, amongst other titles, former treasurer of the Swiss Chemical Society, will become the new EuChemS treasurer. They both have already been active in EuChemS activities and I am very much looking forward to a fruitful collaboration with both of them. This also means that some other persons are leaving. I would like to thank Pilar Goya and Eckart Rühl for their longstanding dedication towards EuChemS. It is difficult to express my gratitude for all their efforts throughout many years. The same holds for Robert Parker, appointed Executive Board member from the Royal Society of Chemistry (RSC), who has been on the board for eleven years. I am very pleased with the continuous RSC support, that in my view has only become stronger since Brexit came into play. And I am confident that this relationship will be sustained in the years to come with Helen Pain, the current CEO of the RSC, as a new appointed Executive Board member. Unlike the changes in the Executive Board, the EuChemS office is headed as always by the Secretary-General Nineta Hrastelj, who remains the stable factor in EuChemS organisation, and stays on top of all the administration and formalities. Together we form a strong and versatile team, ready to take up the challenges of the next year!

EUCHEMS MET IN LISBON

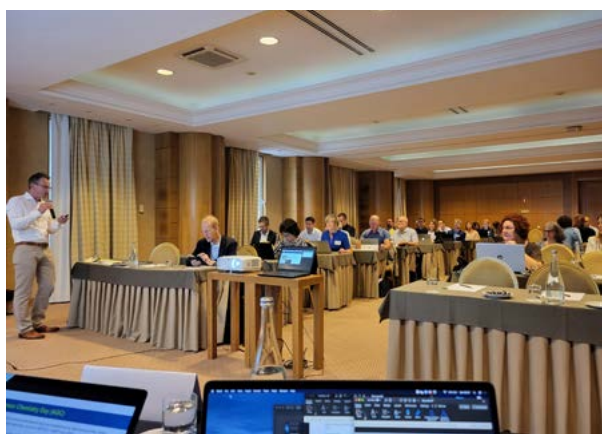
at its 2022 annual meetings



Nineta Hrastelj
Secretary General
(since 2011)

On 26-27 of August 2022, EuChemS Member Societies and Professional Networks met in person in Lisbon, prior to the 8th EuChemS Chemistry Congress. This was the first in-person meeting since 2019, hence very welcoming.

In addition to adopting legally requested resolutions and the election of the new Vice-President Angela Agostiano and the new Treasurer Hans-Peter Lüthi, the General Assembly also discussed important strategic topics, after EuChemS' highlights from the last twelve months were presented by Floris Rutjes, Nineta Hrastelj, Péter Szalay, Eckart Rühl and Maximillian Menche.



EuChemS thanks the host, the Portuguese Chemical Society and Adelino Galvão, its Secretary General, for an excellent co-organisation of both annual EuChemS meetings.

Additionally, annual meeting with EuChemS Professional Networks took place. On this occasion, the main topic of discussion was the 9th EuChemS Chemistry Congress, which will take place in Dublin in 2024.



Getting ready for the annual EuChemS meeting. (From left to right: Claudia J Hernando, EuChemS Administrative Assistant, Floris Rutjes, EuChemS President and Marton Kottmayer, EuChemS Science Communications and Policy Officer)



From left to right Eckart Rühl (EuChemS Treasurer 2016-2022), Pilar Goya (EuChemS Vice-President 2020-2022), Nineta Hrastelj (EuChemS Secretary General) and Floris Rutjes (EuChemS President)



From left to right, Pilar Goya (EuChemS Vice-President 2020-2022), Floris Rutjes (EuChemS President), Angela Agostiano (EuChemS President-Elect from 2023)



From left to right, Claudia J Hernando, Brigitte von Tiggelen, Nineta Hrastelj, Angela Agostiano, Pilar Goya, Celine Marmion, Anca Silvestru and Sonsoles Martin-Santamaria



From left to right Hans Peter Lüthi, (EuChemS Treasurer from 2023) Eckart Rühl (EuChemS Treasurer 2016-2022) Francesco De Angelis (EuChemS Treasurer 2010-2016)



From left to right: Joana Amaral, Livia Simon Sarkadi, Slavica Ražić, Eckart Rühl, David Spichiger, Isabel Malaquias, Brigitte von Tiggelen, Nineta Hrastelj, Angela Agostiano



Adelino Galvão Secretary general of the Portuguese Chemical Society

EUCHEMS IN NUMBERS

IN 2022



EUCHEMS RECOGNISED EVENTS

45 EuChemS recognised events

4 Events organised by the EuChemS Secretariat

4 Events supported by the EuChemS Secretariat



EUCHEMS POLICY CONTRIBUTIONS

3 Membership in high level European policy advisory groups

5 Responses to European public consultations



EUCHEMS AT THE 8TH EUCHEMS CHEMISTRY CONGRESS

5 Sessions

Hundreds of visitors at our booth



EUCHEMS AT SOCIAL NETWORKS AND NEWSLETTERS

15,917 Followers on all Social Networks (Twitter, LinkedIn, Facebook and YouTube)

1,047,211 Total impressions

1,800 Subscribers to the EuChemS newsletters



EUCHEMS AND AWARDS

5 Open Calls for EuChemS Awards

5+ Divison Awards

IN GENERAL

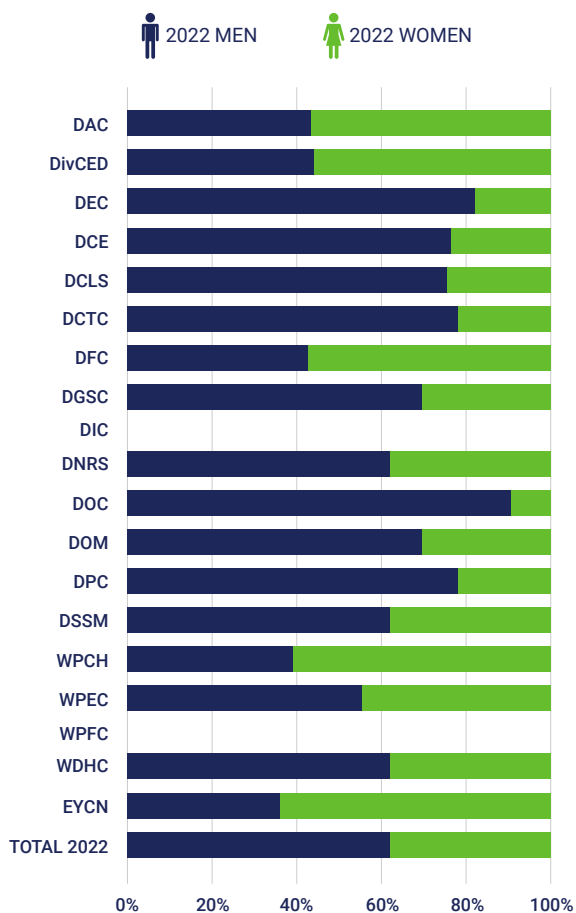
**120,000**Chemists in Europe
and beyond**290+**

Events since 2013

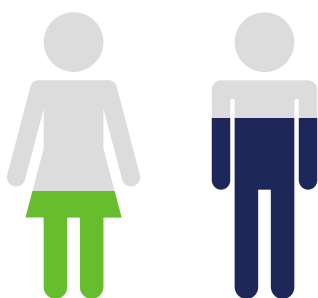
**33**Represented
countries**60**Policy positions
since 2008**19**Professional
Networks**27**Science policy
workshops since 2011**49**Member
organisations**179**Students of “Good
Chemistry”

EUCHEMS CARES ABOUT INCLUSION AND DIVERSITY – THE GENDER BALANCE IS IMPROVING.

Gender Balance in PN in 2022



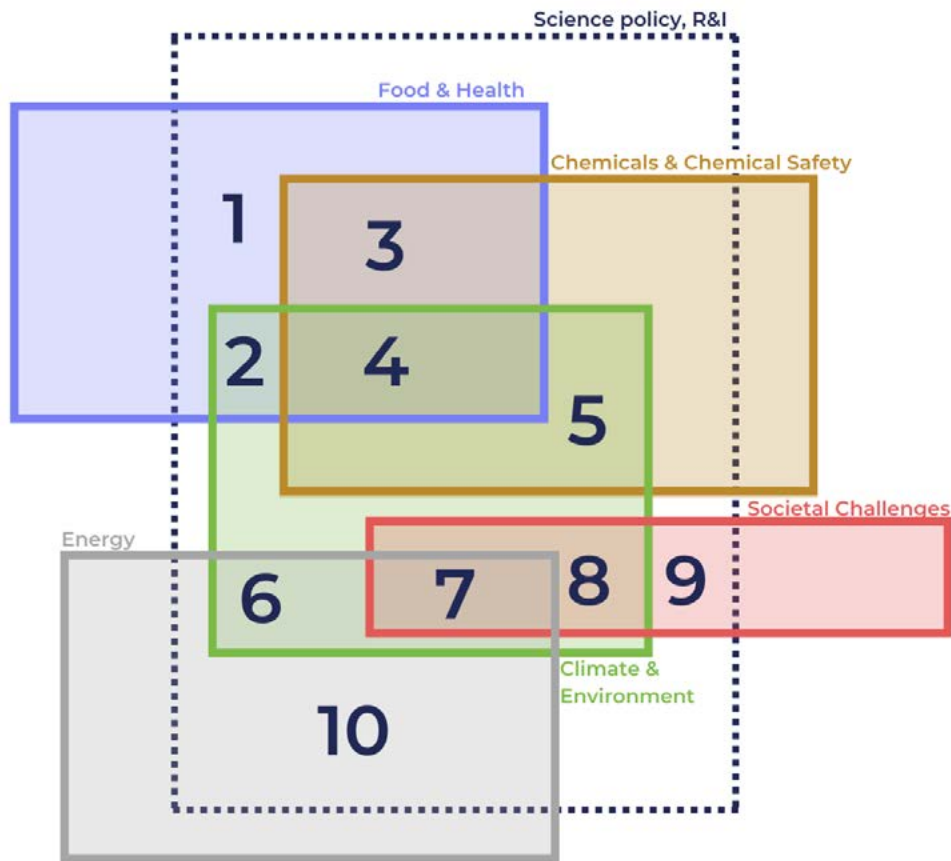
Total 2022



- DAC** Division of Analytical Chemistry
- DivCED** Division of Chemical Education
- DCE** Division of Chemistry and the Environment
- DGSC** Division of Green and Sustainable Chemistry
- DCLS** Division of Chemistry in Life Sciences
- DCTC** Division of Computational and Theoretical Chemistry
- DFC** Division of Food Chemistry
- DIC** Division of Inorganic Chemistry
- DNRC** Division of Nuclear and Radiochemistry
- DOC** Division of Organic Chemistry
- DOM** Division of Organometallic Chemistry
- DPC** Division of Physical Chemistry
- DSSM** Division of Solid State and Materials Chemistry
- DCE** Division on Chemistry and Energy
- WPCH** Working Party on Chemistry and Cultural Heritage
- WPEC** Working Party on Ethics in Chemistry
- WPFC** Working Party on Formulation in Chemistry
- WPHC** Working Party on the History of Chemistry
- EYCN** European Young Chemists' Network

EUCHEMS ACTIVITIES

Policy Initiatives



- 1: Risk Assessment
- 2: Biodiversity
- 3: Veterinary medication
- 4: Farming & pesticides
- 5: Chemical pollution
- 6: Sustainable energy
- 7: Energy crisis
- 8: Circular economy
- 9: Open Science, RA
- 10: Gas storage

- Science policy, R&I
- Food & Health
- Chemicals & Chemical Safety
- Climate & Environment
- Societal Challenges
- Energy

EuChemS deals with numerous specific issues within a wide range of interconnected policy areas.

On the figure, the larger policy areas are represented by coloured rectangles, while the numbers show specific policy issues. The guide for which number represents which issue is in the blue square in the bottom bottom left corner.

As some policy issues are connected to multiple policy areas, they are positioned in their overlaps – e.g, the specific issue of “farming and pesticides” (number 4) is related to the policy area of food and health, chemicals and chemical safety as well as to climate and environment – therefore, number 4 on the figure is positioned in the overlap of purple, gold and green rectangle.

In addition, the activities below are color-coded according to which policy area they pertain to. The guide to colour-coding is in the below the figure, and the sections below also employ the same colour codes.

■ ADVISORY GROUPS

EuChemS aims to ensure that the voices 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. Below you can find more info on the Policy Advisory Groups EuChemS is currently part of.

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



The High Level Roundtable on the implementation of the Chemicals Strategy for Sustainability was set up by the European Commission's Directorate General for the Environment to realise the objectives of the Chemicals Strategy. EuChemS was invited to the roundtable, and it is represented by President Floris Rutjes, and Secretary General Nineta Hrastelj, who acts as a substitute, as well as a "Sherpa". Following two roundtable meetings in 2021, in 2022, EuChemS President Floris Rutjes participated with an intervention at a meeting on 18 May in Brussels.

The High Level Roundtable aims to connect stakeholders from various backgrounds to bring

in perspectives on new and innovative science and technology that are relevant to effective chemicals management. It focuses on the protection of the environment, and the fostering of innovation regarding chemicals used in various sectors, such as health, energy, mobility and housing.



Zero Pollution Stakeholder Platform



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.

During the meetings which took place on 25 April, on 11 October and on 14 December, interventions were made on various topics, such as on the importance of the metabolites of the organic pollutants existing in waters, the high rate of European groundwater and surface water bodies which failed to achieve good chemical status, waste reduction and other pollution-related issues due to waste burning, the energy crisis and hazardous heating materials.

By participating in the platform, EuChemS joins a wide range of expert stakeholders from different policy areas, such as health, agriculture, research and innovation, transport, digitalisation and the environment. The members cooperate to create a common vision to tackle inter-related challenges related to pollution-reduction.



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 below, organised or attended by EuChemS, cover the interconnected areas of sustainability, industry, innovation inclusivity and societal issues in a global context.

Burlington Consensus

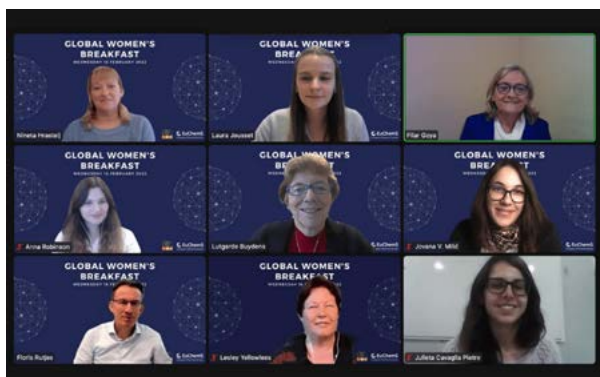


EuChemS accepted the invitation of the Royal Society of Chemistry (RSC), and the UK Government's Department for Environment, Food & Rural Affairs (Defra), who organised the Burlington Consensus event on 26 January. EuChemS participated in the consensus, the goal of which was to call for a global panel on chemicals, waste, and pollution.

EuChemS was represented by President Floris Rutjes and Secretary General Nineta Hrastelj, both of whom has addressed the participants. Floris Rutjes expressed EuChemS's support of the Burlington Consensus, endorsed the concrete actions being taken and highlighted the global importance of the challenges chemical pollution poses. Nineta Hrastelj emphasized the need for inclusivity in such a global platform, as it allows organisations with similar goals to contribute.

The debate, attended by Scientific experts from academia, industry, regulators, not-for-profits, and leading policymakers was followed up at the Fifth session of the United Nations Environment Assembly (UNEA-5), which adopted related resolutions. Resolution L13 and L14 were especially significant as they state "end Plastic Pollution – by developing a new legally binding instrument" and (establish a) "Science Policy Panel to support the sound management of chemicals and waste to prevent pollution". The results of the Burlington Consensus were further discussed at the ECC8.

2nd EuChemS Global Women's Breakfast

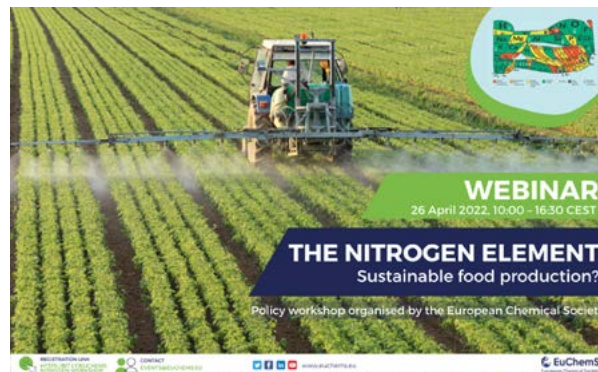


On 16 February 2022 – soon after the United Nations Day of Women and Girls in Science -, EuChemS organised an event with inclusion and gender equality at its focus.

Following in the footsteps of IUPAC's Global Women's Breakfast (GWB) initiative, launched in 2019, EuChemS held its own successful online GWB webinar, as a part of the IUPAC initiative. The international speakers, Lutgarde Buydens, Jovana V. Milić, and Lesley Yellowlees, came from varied academic backgrounds, and examined the issue of the "leaky pipeline" in the case of young women in STEM: many young women who begin a STEM – and especially, a chemistry – career will not progress towards academia and research, leading to a progressive loss of talented woman researchers as one moves ahead along career steps in the research community. Amongst the numerous discussions related to the topic, the potential of mentorship programmes were discussed, gender bias in academia was scrutinised and data related to it was examined.

The successful webinar, to which a large number of people connected from all across Europe and beyond, was chaired and moderated by EuChemS Vice-President Pilar Goya.

The Nitrogen element



The series of Periodic Table Policy workshops continued in 2022. After events examining the sustainability of using the elements Carbon and Lithium in 2021, in 2022, the element of Nitrogen came under scrutiny.

On 16 April, EuChemS held the online workshop "The Nitrogen Element – Sustainable food production?". Over the course of the morning and afternoon sessions, many speakers from the field of academia, agriculture, industry and European policy discussed how the usage of nitrogen – the basis of ammonia production – could be more sustainable. Participants investigated alternatives to the Haber-Bosch process, and innovative solutions such as using anammox bacteria to produce nitrogen from wastewater, or reduce usage using drones and precision farming.

Nitrogen usage was investigated through the lenses of planetary boundaries and circular economy – and importantly, the February Resolution on Sustainable Nitrogen Management' adopted at the 5th UN Environment Assembly, was taken into consideration, which illustrates that nitrogen usage is not only a scientific issue, but a part of an interlinked network that connects policy, sustainability, food safety and a number of other sustainable development goals.

The event was prepared by the EuChemS task group on Circular Economy.

Chemists' contributions to the global approach for tackling pollution



EuChemS held two key sessions on 30 August, at the 8th EuChemS Chemistry Congress in Lisbon.

The first session was a panel discussion that followed up the Burlington Consensus as well as the fifth session of the United Nations Environment Assembly (UNEA-5), by examining the role of Chemistry in the 14 resolutions of the assembly, which aim to strengthen actions for nature to achieve the Sustainable Development Goals. Resolutions L13 and L14 were especially significant as they state “end Plastic Pollution – by developing a new legally binding instrument” and (establish a) “Science Policy Panel to support the sound management of chemicals and waste to prevent pollution” respectively, thus they echo the calls made at the Burlington Consensus.

To discuss the practical implications of the resolutions, and talk about the steps needed to be taken to achieve them, EuChemS invited high-profile, international speakers to Lisbon. Tom Welton, the President of the Royal Society of Chemistry (RSC), Angela Wilson, the President of the American Chemical Society (ASC), Carla Seidel, 2020-2021 Vice-President of the German Chemical Society (GDCh), Javier-Garcia Martinez, the President of the International Union of Pure and Applied Chemistry (IUPAC) and last, but not least, Nineta Hrastelj, Secretary-General and Floris Rutjes, President of the European Chemical Society (EuChemS) were participating in the discussion, moderated by the RSC's Lead Policy Advisor, Camilla-Alexander White.

As a conclusion, the panel highlighted the involvement of the wider chemistry community, and invited all those who are able to, to join the UNEA panel, and to contribute to its work by disseminating relevant research results and chemistry knowledge.

Culture and Policy in Science session @ECC8



Another ECC8 session of EuChemS concerned the societal and political role of chemistry as well as of science in general. The goal of the session was to encourage the scientific community present at the ECC8 to engage with issues beyond the “bubble” of science, and the intense discussion towards the end of the session has shown that many were eager to do so.

The speakers, namely Marton Kottmayer and Bruno Vilela, – both having social science backgrounds and experience with science policy, as well as EuChemS in particular – utilised different lenses to assess how the

scientific process may be perceived, as well as discussed what science policy, and policy in general, means. First, the “culture of science” was presented through anthropological means. In this light session, scientists were invited to take a step back, and examine how their work may be positioned in the grand scheme of things. Following this, participants were asked to share what they think about policy – then shown how the public, and the political arena thinks about the scientific field.

Bonding for Impact @ECC8



The European Young Chemists Network (EYCN) organised sessions at ECC8 on various topics of high importance for society. The first session, »Bonding for impact« informed about organizations involved in ECC and helping chemists of all age groups to connect and facilitate networking activities: The European Chemical Society (EuChemS), its young chemists network (EYCN), the International Union of Pure and Applied Chemistry (IUPAC), and the International Younger Chemists Network (IYCN). Nineta Hrastelj (Secretary-General of EuChemS), Maximilian Menche (Chair of the EYCN), Javier Garcia-Martinez (President of IUPAC), and João Borges (Past Chair of the IYCN) shared a selection of their organizations' recent activities and their personal experiences and tips for networking.

Inclusion and diversity session @ ECC8



Pilar Goya, Vice-President of EuChemS, and Jan Mechlich, author and teacher of EuChemS's online course “Good Chemistry discussed chemistry and diversity with Ale Palermo, Head of Global Inclusion at The Royal Society of Chemistry, Marie Perrin, President of the Young Swiss Chemical Society and Marta Da Pian, customer consultant at Elsevier at an event organised and moderated by EuChemS' European Young Chemists' Network.

The lively discussion covered topics of how inclusion is essentially a “safety issue”, and identified how inclusiveness possesses gender-related, cultural, ethnic, and sociographic dimensions. The conversation concluded that the state of inclusiveness in chemistry leaves some room to improve, however, quotas and regulations are not sufficient to make meaningful changes. The most important avenue to start on, the speakers agreed, is to recognise one's biases, and achieve a paradigm shift in the mindsets of people. This could be brought about by campaigns promoting inclusivity in STEM and exposing existing inequalities and their drawbacks in related scientific fields.

Open Science Session @ECC8



As part of the EYCN activities at the 8th EuChemS Chemistry Congress, the network hosted a session on open science with an excellent selection of panellists: Alina-Maria Tomoiaga (European Research Council), Laura Fisher (Royal Society of Chemistry Publishing), Wolfram Koch (German Chemical Society), and Floris Rutjes (EuChemS). The panel discussed various aspects of the matter at hand, however, the discussion was not limited to open access. The panellists highlighted other important items as well, such as open code or open data, which remains one of the most discussed topics due to its complexity and the attending researchers interest in it. Many important benefits, like the building of public trust and a more diverse chemical field through open grant and publication review processes were mentioned and the topic of sharing of negative results in the context of “public money, public results” arised as well. The complexity of the discussed topics was best exemplified by the fact that the panellists and audience carried on with the discussion after the session had officially ended.

■ PUBLIC CONSULTATIONS

The European Union and adjacent organisations and NGOs consider inputs from citizens, organisations and expert groups in the policymaking process. As EuChemS is involved in scientific policy, and possesses an international network of chemists, it regularly engages with these relevant consultations.

In 2022, the EuChemS network contributed to the following consultations:

[Revision of Regulation \(EU\) 2017/852 on Mercury – Open Public Consultation](#)

[Survey in support of the Commission’s services work on the preparation of a “Strategic Research and Innovation Plan for safe and sustainable Chemicals and Materials”](#)

[Public Consultation on a possible EU Soil Health Law for protecting, sustainably managing and restoring EU soils](#)

[Public Consultation on the European Critical Raw Materials Act](#)

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

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EuChemS was invited to contribute to the European Federation of Academies of Sciences and Humanities’ (ALLEA) revised Code of Conduct for Research Integrity and submitted its response after internal consultation.

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 plans to release an updated version of the 2017 guidelines in 2023.

STATEMENTS

There are significant societal issues, the importance of which are formally recognised by EuChemS. By becoming a signatory for a cause, or publishing official statements, EuChemS intends to express a unified, formal opinion on the matter. Below, you can find these, and the related actions of EuChemS.

Stick 2 Science signatory



The Stick to Science campaign was launched as a call for the association of Switzerland and the United Kingdom into the Horizon Europe Programme. These countries, because of miscellaneous political issues, are unable to fully access the benefits of the programme, which raises barriers for research collaboration.

EuChemS is committed to collaboration in science, research and innovation in Europe and beyond, especially in during the current period of many crises and challenges. Therefore, it fully supports the Stick to Science initiative, and it's a signatory of its online campaign alongside more than 300 other institutions.

www.stick-to-science.eu

Statement on Ukraine



EuChemS has published the following communication on Russia's invasion of Ukraine on 24 February:

The European Chemical Society (EuChemS) strongly condemns the violent invasion of Ukraine, and stands in solidarity with the people of Ukraine. We call upon local, national, European and world leaders to stop this violence and spare further loss of human life.

The advancement of science and innovations that find their way to society depends on a stable global order and peaceful collaboration among scientists from across nations. As an overarching European society, EuChemS stands for international dialogue and collaborative projects, and we continue to strive for exchange of scientific knowledge and opinions across national borders and cultures.

This statement is signed by EuChemS Executive Board members and EuChemS Secretary General: *Floris Rutjes, Pilar Goya, Eckart Rühl, Nicola Armaroli, Christophe Copéret, Nineta Hrastelj, Ioannis Katsoyiannis, Wolfram Koch, Renáta Oriňaková, Robert Parker, Rinaldo Poli, Cristiana Radulescu, Artur Silva, and Péter Szalay.*

EuChemS.eu/statement-invasion-ukraine/

CoARA



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 a signatory of the agreement, and it follows the developments related to the coalition closely, and it was present at its Constitutive Assembly, held on 1 December 2022, as an early signatory with voting rights, where the leadership of CoARA was decided on. EuChemS is represented by its Secretary-General, Nineta Hrastelj, and its President, Floris Rutjes at the coalition.

coara.eu

OFFICIAL ACCREDITED STAKEHOLDER





Fostering European Chemistry

ECC8

INTERNATIONAL ACTIVITIES

E-LEARNING

8TH EUCHEMS CHEMISTRY CONGRESS

After missing a beat due to the coronavirus pandemic, in 2022, the biannual EuChemS Chemistry Congress returned.

The 8th EuChemS Chemistry Congress (ECC8) was held in Lisbon, Portugal, from 28 August to 1 September 2022, organised by the Portuguese Chemical Society. During the five day congress, about 2000 participants attended many of the sessions. The ECC8 made international impact through high profile organisations from within and beyond Europe, including chemical societies, industrial actors, research- and non-governmental organisations and publishers amongst many others. Numerous individual participants – all from different areas of chemistry, academia and industry - contributed as speakers.



The aula of the Lisbon congress centre was the heart of the conversations in-between sessions and during the evening networking. The large auditorium hosted the scientific posters made by participants as well as the exhibition booths. During lunches and evening cocktail, Congress participants gathered, met and networked here, and while doing so, also learned about all the organisations present by visiting their booths.

EuChemS was no exception: the impressive booth of the European Chemical Society was taking up a central position in the aula. There, visitors could meet with members of the secretariat, learn about or organisation by consulting with us and taking leaflets or yearbooks and gather goodies such as pens, tote bags, notebooks and more. The EuChemS booth also hosted a number of activities, including Q&A-s and a highly successful quiz.



SNAPSHOTS

Find some images below that show the busy and exciting atmosphere of our booth



Quizzes and numerous activities were held at the EuChemS Booth

Alongside publicity events, our booth also hosted many strategic meetings and fruitful organisational discussions:



American Chemical Society President **Angela Wilson**, alongside other representatives visited our booth to discuss overseas collaboration with EuChemS President **Floris Rutjes** and Secretary-General **Nineta Hrastelj**



Left to right: **Floris Rutjes**, President of EuChemS, **Nineta Hrastelj**, Secretary-General of EuChemS, **Ehud Keinan**, Vice-President of The International Union of Pure and Applied Chemistry (IUPAC) and President of The Israeli Chemical Society and **Artur Silva**, President of the Portuguese Chemical Society



Antonio M. Rodríguez-García from EYCN (middle) in conversation with EuChemS President **Floris Rutjes** (left) and **Angela Agostiano** (Right)



Hans Peter Lüthi, EuChemS Treasurer 2023 (left) meeting with **Ehud Keinan**, IUPAC Vice-President and Israeli Chemical Society President (Right)



EYCN President **Maximillian Menche** (middle-left) visiting our booth, meeting with **Pilar Goya** (left), **Marton Kottmayer** (middle-right) and **Claudia J. Hernando** (right)



IUPAC President **Javier Garcia-Martinez** (middle-left) conversing with **Nineta Hrastelj** (middle-right) alongside **Sanjiv Prashar** (left) and **Claudia J Hernando** (right)



Informal strategic discussions were held with **Helen Pain** from the Royal Society of Chemistry, **Pilar Goya**, EuChemS vice-president and **Nineta Hrstelj**



EuChemS President **Floris Rutjes** and **Rui Moreira**, President of the European Federation for Medicinal Chemistry and Chemical Biology (EFMC) signed a memorandum of understanding between the two organisations, to highlight the alignment of their goals



Discussion on sustainability related to chemicals with **Hans-Georg Weinig**, GDCh, **Carla Seidel**, BASF, **Nineta Hrstelj**, **Wolfram Koch**, GDCh and **Floris Rutjes** (left to right)



Our colleagues from PNs on paid quite a few visits to the booth: **Silvia Markic** (left), **Nineta Hrastelj** (middle) and **Rachel Mamlok-Naaman**, Chair of the EuChemS Division of Chemical Education (right)

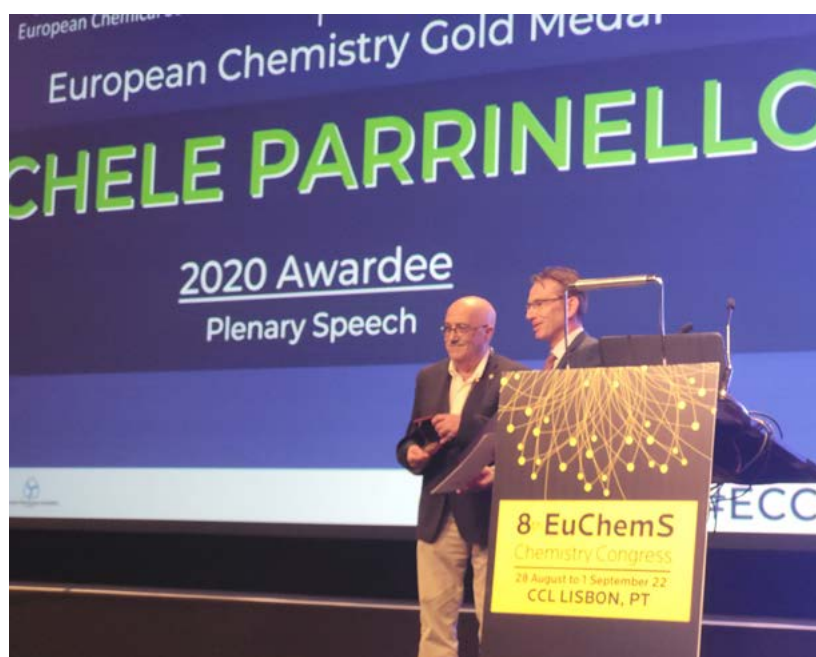


Left to right: **Marcela Alves Segundo**, Secretary of the Division on Analytical Chemistry, **Nineta Hrastelj** and **Slavica Ražić**, Chair of the Division on Analytical Chemistry

Being together again, in a large-scale chemistry congress gave us the opportunity to organise numerous live sessions, where speakers could present in front of, and engage with a large audience. The events facilitated by EuChemS and the European Young Chemist's Network were attended by many, and covered versatile topics from chemical innovation and research, societal matters, such as inclusivity or culture in chemistry as well as policy ambitions. You can find detailed summaries of our events in the previous chapter of this yearbook.

Last but not least, many prestigious awards were given out during the ECC8 – from this year's as well as from previous ones. While the COVID pandemic may have put a stop to in-person award ceremonies, great chemistry research and community engagement did not stop in 2020 and 2021 – and neither did EuChemS in recognising those who did extraordinary things on the field of chemistry, even though this meant that receiving the awards had to be delayed.

However, with the 2022 ECC8, the wait ended, and all recipients since 2019 were glad to accept their honours given in the past years in person.



Michele Parrinello receiving the 2020 European Chemistry Gold Medal (EuChemS Gold Medal)



Floris Rutjes giving the 2022 European Chemistry Gold Medal (EuChemS Gold Medal) to Dame **Carol Robinson**



Recipients of the EuChemS
Lecture Award:
Victor Mougel,
2020 Awardee (left)



Recipients of the EuChemS
Lecture Award:
Sílvia Osuna,
2021 Awardee (left)



Recipients of the EuChemS Award for Service received their honours from Floris Rutjes:

Ehud Keinan,
2019 Awardee (middle-right)
Jan Mehlich,
2020 Awardee (Right)
Antonio Laganà,
2020 Awardee (left)
Livia Simon Sarkadi,
2021 Awardee (middle-left)

The 2022 European Young Chemists' Awards (EYCA) were received



2022 EYCA Awardees (left to right):

Claudia Bonfio,
Sebastian Weber,
Erica Del Grosso,
Bowen Zhang,
Pilar Goya,
Floris Rutjes,
Maximillian Menche

Read more about this year's awardees as well as about EYCA in the awards section of this yearbook :

[click Here](#)

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. In addition, EuChemS updated the information on the course on its webpage, including making the descriptions of each class visible even before enrollment, providing more context and freedom to prospective followers of the course to choose the topics they are interested in. In addition the certificate system was also revamped.

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.







Learn anywhere.

Register now for the course
*'Good Chemistry -
Methodological, Ethical, and
Social Implications'*

Moderated by Jan Mehlich

 **EuChemS**
European Chemical Society

    www.elearning-euchems.eu

UNVEILING THE PLAQUE IN PRAGUE

A delegation from the European Chemical Society visited the “birthplace” of the organisation: the University of Chemistry and Technology (UCT) in Prague, Czech Republic. On 1 July, an EuChemS Historical landmark plaque was inaugurated on this significant spot. The inauguration ceremony was attended by many important actors of European Chemistry, past and present governing members of EuChemS and academic representatives.

The Federation of European Chemical Societies (FECS), the predecessor for the European Chemical Society, was founded on 3 July 1970. FECS’s first meeting was held on this date in Prague, at the UTC. Despite the cold war, FECS boasted members from both sides of the Iron Curtain, thus it was a true pioneer on the field of scientific cooperation.

On the 50th anniversary of EuChemS, in 2020, the UTC was designated as an EuChemS historical landmark. The ceremony in 2022 was held in recognition of this honour. During the event, the EuChemS Historical Landmark plaque was revealed at the UTC, Pavel Matějka, UTC Prague Rector introduced the institution, Floris Rutjes, EuChemS President held a speech briefly summarising the history and future directions of EuChemS, and Tomáš Navrátil, President of the Czech Chemical Society discussed the importance of international and research-in-dustry cooperation in chemistry.



The members of the delegation were Ulrich Schubert, Past President of EuChemS, Pavel Matějka, Rector of UCT Prague, Pilar Goya, EuChemS Vice-President, Floris Rutjes, EuChemS President, Renáta Oriňáková, EuChemS Executive Board member, Tomáš Navrátil, President of the Czech Chemical Society, Pavel Drašar, Past-President of ECTN and UCT Prague Professor and Jan John, Past-President of the Czech Chemical Society (left to right)





Science Communication



Márton Kottmayer
*Science Communication
and Policy Officer*

It's no question that we must keep doing science to address contemporary issues – but one must go beyond simply “doing” science to adequately respond to the societal challenges of this day and age: science needs to be effectively and comprehensibly communicated.

The crisis-ridden past few years illustrated how widely society needs to interface with science: the public needs a rationale to comply with health, safety and sustainability measures, and policymakers need to communicate with scientists to make informed decisions.

The challenge scientists may face when facing this task is going beyond simply communicating scientific results. It may be tricky to acknowledge this, but audiences differ – and thus, messages must be tailored. The public seeks a narrative, not only results. Policymakers operate on values, not only facts. For those who represent science, and live within the sturdy unbendable framework of rules and laws of nature, this may sound difficult to achieve – after all, how can communicating science be flexible, if it builds on static foundations, objective truths and reproducible observations. Yet, we have seen that if results are communicated to those who lack background knowledge and thus, context, things can go awry.

A lack of common understanding can result in risky situations: without understanding, people can lose trust, and turn towards snake oils bringing harm. To avoid this, the dichotomy between “academics in ivory towers” and “uneducated masses” must be erased. The idealistic image of a common language is far, however it's the responsibility of both sides to build a bridge between scientific and public discourse. The public must be incentivised to understand, however, (at least a part of) scientific discourse then must accommodate those who don't speak a scientific language – those who need a storyline and a context, to support the understanding of scientific results. Then these messages must be disseminated, spread, and popularised to be embraced.

Those of who attempt to engage in science communication – being scientists, teachers, communication professionals, students of social subjects, motivated laypersons or amateurs – undertake this translation duty. Translating science into a widely spoken language not only by translating the words and formulae, but to shape the narrative and the message in an appropriate way – and last, but not least, quite importantly, spreading the word.

EuChemS follows this credo – while we are an umbrella organisation of chemical societies, experts in chemistry, we find it important to communicate not only with each other within the network, but spread and communicate the importance of chemistry as a “central science” to show that there is chemistry in everything – and show this to everyone. But how do we do this?

SOCIAL MEDIA

EuChemS has been consistently using social media platforms to reach both its chemistry community and a wider audience. Our social media channels are often the first contact points between EuChemS and the wider public. Thus, we aim to strike a balance between updates and information relevant to our network of experts following us, and outreach campaigns towards the general public and non-experts interested in the world of chemistry. We find the latter important, as furthering the goals of EuChemS - providing scientific solutions to societal problems, promoting science, and generating interest towards chemistry – towards a non-expert audience is crucial from a science communication standpoint.

The key element of outreach campaigns is to be fun and engaging while remaining educational and chemistry-related. An important aspect of our social media outreach are campaigns. We highlight UN national days that can relate to chemistry, we promote our EuChemS Periodic Table and its Translation (you can read more about it below), and we continue with our successful Chemistree Christmas quiz. And we have some more exciting surprises for next year.

Our accounts

Our twitter 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 2022, we have:



7289 followers on twitter
which is a 1248 growth since 2021

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 2022, we have:



4631 followers on Facebook
which is a 554 growth since 2021

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 2022, we have:



3758 followers on LinkedIn
which is a 1464 growth since 2021

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

At the end of 2022, we have:

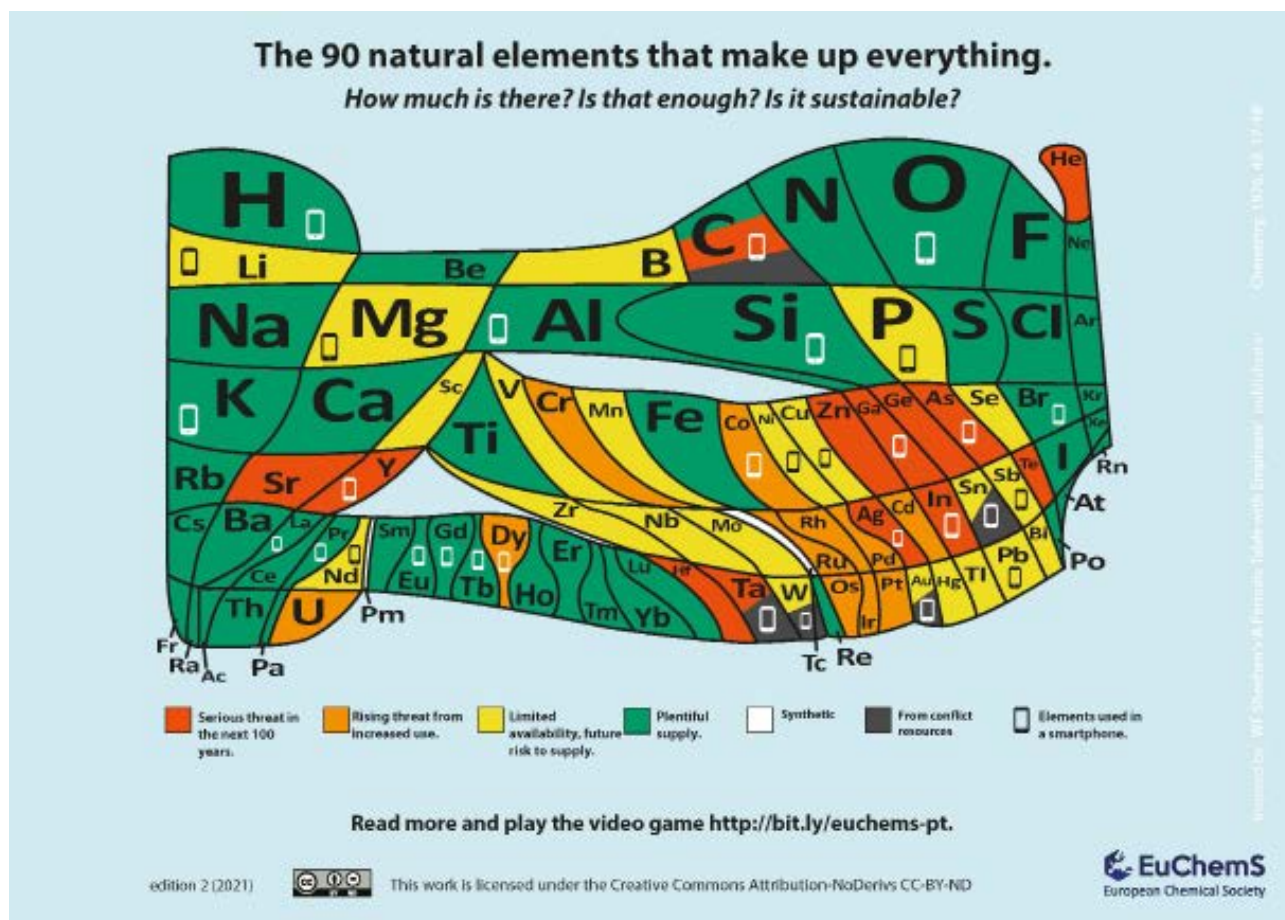


239 followers on Youtube
which is a 73 growth since 2021

EUCHEMS PERIODIC TABLE & COMMUNITY TRANSLATIONS

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.

The EuChemS Periodic Table is one of our successful Science Communication initiatives. It gives a twist to something that everyone is familiar with. The periodic table is something almost everyone quickly associates with, if chemistry is mentioned – however the EuChemS periodic table through its vivid colours and unique shapes make people stop and ask “what’s this?”. Then, it makes them realise what these colours and shapes mean – how all elements are resources, many of which are limited. This way, the EuChemS Periodic Table connects chemistry with tangible realities and sustainability issues, in a way that even complete laypeople can understand it.



This document promotes science, generates exposure for EuChemS, and highlights major societal issues – therefore, it is evident that it should be accessible to everyone. Therefore, the colour scheme was crafted in a way that colour-blind people can also read it without issues, and we are continuously working on removing language barriers as well. While the distinctive shape makes it easily recognisable, we find it important that readers can read the text, no matter which country they come from. Since the periodic table is an educational document as well, often young children, who may not yet had the chance of learning English, could encounter it.

EuChemS has a large international community – and we rely on them to help us spread the message of the EuChemS Periodic Table. Members from our community can submit their own translations, which then are reviewed by experts, and if appropriate, posted on the EuChemS webpage. Thus, periodic table translations are a great way to engage with our community, while furthering the project itself. In 2022, we released two “translation packs”, which means that people can now read the 2nd edition of our EuChemS Periodic Table in 9 new languages. This means that the document is available in a total of 17 languages by the end of 2022.

In 2022, the EuChemS Periodic table was translated to the following languages:

BASQUE

DUTCH

ESTONIAN

GALICIAN

HUNGARIAN

ITALIAN

SERBIAN

SWEDISH

UKRAINIAN

In total, you can Access the EuChemS periodic table in



17

LANGUAGES

EUCHEMS PUBLICATIONS

Our newsletters and publications are up-to date sources catering mainly to the chemistry community – however, we aim to keep them accessible to everyone that aims to remain well informed in everything that is related to chemistry – from scientific, political and general aspects. Our publications consist of carefully curated news written in-house as well as contributions from experts from various fields. Thus, our readers can remain informed first-hand, from the source.

Chemistry in Europe



Over the years, the European Chemical Society, EuChemS, has released quarterly issues of *Chemistry in Europe* to keep our readers updated on the latest developments in chemical sciences in Europe. *The Chemistry in Europe* newsletter includes contributions from our team, Members, Professional Networks, and more.

Brussels News Updates



The *Brussels News Updates (BNU)* was EuChemS' newsletter on science-policy news related to chemistry. We aimed to show chemistry's role in society, how chemistry influences policy decisions, how it can support innovation, and how it influences our everyday lives. The *BNU* newsletter addressed policymakers, citizens with an interest in chemistry, entrepreneurs, and chemists.

With the end of 2022, we bid farewell to our “Brussels News Updates” and “Chemistry in Europe” Newsletters, to give ground for something new and exciting.

We worked hard on establishing the brand new Serial Publication of the European Chemical Society, EuChemS Magazine, which will merge and succeed Chemistry in Europe and Brussels News Updates.

Marton Kottmayer

Science Communication & Policy Officer



Awards

EUCHEMS LECTURE AWARD



Sílvia Osuna
Junior scientists

The 2020 EuChemS Lecture Award was awarded to Sílvia Osuna.

Sílvia Osuna is a junior scientist working in chemistry in Spain, a country with a EuChemS Member Organisation. Since 2018, she holds an ICREA research professor at the Universitat de Girona (UdG), after completing a Marie Curie fellowship in UCLA.

She was awarded the Lecture Award for her research which lies at the interface between computational chemistry and biology, and focuses on the study of biochemical processes mainly related to enzyme catalysis. Her team uses experimental technologies to design enzymes rationally and efficiently.

EUCHEMS AWARD FOR SERVICE



**Livia Simon
Sarkadi**
*Hungarian
Chemical Society*

The 2021 EuChemS Award for Service was awarded to Livia Simon Sarkadi.

Dr Sarkadi, alongside her job as a full professor, and head of the Doctoral School of Food Science at the Hungarian University of Agriculture and Life Sciences, is the long-time President of the Hungarian Chemical Society (HCS) – as well as the first woman who serves in this capacity at the HCS. She is also an editor of the book “European Women in Chemistry”.

She received the award as a recognition of her outstanding commitment and hard work in fostering Chemistry in Europe, along with the activities and goals of EuChemS. In addition to the EuChemS Award for Service, her work was also recognised by IUPAC, from whom she received the “Distinguished Women in Chemistry/Chemical Engineering Award”.

■ EUCHEMS HISTORICAL LANDMARKS AWARD 2021

Jungfrauoch High-Altitude Research Station, Switzerland



In the early 20th century, an international research center for atmospheric and environmental science issues, combining chemical and physical measurements in an innovative manner, was set up. The Research Station was established at the mount of Jungfrauoch in 1931, after a railway was built from Kleine Scheidegg to Jungfrauoch – which can boast with being the highest railway station in Europe. The research station, alongside hosting innovative and important research activities, is also central for international scientific cooperation. The research station project was implemented jointly by the Max Planck Society from Germany and the Austrian Academy of Sciences, amongst others.

The Jungfrauoch High-Altitude Research Station received the EuChemS Historical Landmark Award at the European level in 2021. The Plaque will be inaugurated in February 2023.

300 years of Chemistry in 300 km

These three outstanding Portuguese chemistry laboratories enable a journey through almost 300 years of chemistry and science through 'authentic' in situ sites separated by 300 km. Although there are certainly very important historic laboratories in Europe, no other country has this possibility unless through recreations, dioramas or scenography. They have been preserved in Coimbra (18th century), Lisbon (19th century) and Porto (early 20th century), Portugal. As standing examples of European academic heritage, the laboratories are now integrated in museums – the Science Museum of the University of Coimbra (MCUC), the National Museum of Natural History and Science, University of Lisbon (MUHNAC), and the Natural History and Science Museum, University of Porto (MHNC-UP), respectively.

This collection of significant museums jointly received the EuChemS Historical Landmark Award at the Regional level in 2021.



THE EUROPEAN YOUNG CHEMISTS' AWARD (EYCA 2022)

The European Young Chemists' Award (EYCA) was held this year. The expert members of European Young Chemists' Award Committee (EYCAC) selected 12 finalists – 6 from the PhD level and 6 from Early Career Researcher level – from the numerous candidates. These finalists were invited to Lisbon to present their projects in front of a live jury and audience.

Finalists of EYCA 2022 competition are:

PhD level:

1. Luca Maria Cavinato
2. Sebastian Weber
3. Sara Grecchi
4. Anirban Mondal
5. Bowen Zhang
6. Antonio Faggiano

Early Career Researcher level:

1. Claudia Bonfio
2. Cesar de la Fuente
3. Luka Đorđević
4. Simona Ranallo
5. Serena Arnaboldi
6. Erica Del Grosso



Angela Agostiano, Chair of the EYCA Committee

Gold and Silver the medallists were selected in each category:



A group picture of all finalists alongside EuChemS and EYCN representatives

PhD Gold Medal:
Sebastian Weber

PhD Silver Medal:
Bowen Zhang

Early career Gold Medal:
Claudia Bonfio

Early career Silver Medal:
Erica del Grosso



PhD Silver Medal winner Bowen Zhang (middle) with Pilar Goya (left) and Angela Agostiano (right)



Early career Silver Medal winner Erica del Grosso (right) with Pilar Goya (left)



PhD Gold Medal winner Sebastian Weber (left) with Floris Rutjes (middle) and Angela Agostiano (right)



Early career Gold Medal winner Claudia Bonfio (middle) with Floris Rutjes (left) and Angela Agostiano (right)

EUROPEAN UNION CONTEST FOR YOUNG SCIENTISTS – EUCHEMS DONATED CHEMISTRY AWARD

Ema Bojnec and Daša Zuman from Slovenia received the EuChemS donated prize for the best chemistry project at the 2022 EU Contest for Young Scientists (EUCYS).

The winning project of 20 year old Daša and 19 year old Ema was the creation of a linear structure notation for compounds for the blind in chemistry, based on a line character system for encoding molecular structures, “Simplified Molecular Input Line Entry Specification” (SMILES). Their work is necessary for making chemical sciences more accessible for visually impaired and blind people, as some science topics, such as chemistry and biology, cannot be written in linear mathematical notation that can be converted into braille.

The EUCYS is a contest of young European students with outstanding scientific achievements aged between 14 and 20. EuChemS supports the best chemistry contributions at the EUYCS with its specially donated prize since 2014.



EUCHEMS DIVISION OF ORGANIC CHEMISTRY AWARDS

2021-2022

Young Investigator Award

Professor Anat Milo

Ben-Gurion University of the Negev, Israel

for her development of experimental, computational, and statistical strategies to identify design principles behind molecular functionality, reactivity, and selectivity

Dr. Mónica Pérez-Temprano

Institute of Chemical Research of Catalonia (ICIQ), Catalonia, Spain

for her contribution to the U3D goal (Understand, Discover, Design and Develop), novel and more efficient transition metal-catalyzed reactions

2022

Award for Service 2022

Professor Dieter Schinzer

Otto von Guericke Universität Magdeburg

is the recipient of the **EuChemS Division of Organic Chemistry Award for Service 2022** for his significant contributions to organic chemistry in Europe through his role as Chemistry Domain Committee Chairman in COST (2006-2014), his promotion of opportunities within COST for early career researchers and his establishment of High Level Research Conferences in Chemistry in collaboration with the European Science Foundation.

2022

Female Organic Chemist of the Year 2022

Professor Véronique Gouverneur

University of Oxford

is the **recipient of the EuChemS Female Organic Chemist of the Year 2022** Award for her ongoing contributions in developing novel synthetic methodologies for the preparation of fluorinated targets.

CHEMISTRY REDISCOVERED

EYCN is proud to present the winners of the 3rd edition of their video competition: Chemistry Rediscovered – supported by the Sir Geoffrey Wilkinson Video Competition. Young chemists of 12-35 years old were invited to send in videos on the theme “**Safety in Chemistry**”. The winners were selected by an international jury.

Pupils:

1st Place:

Hiskia Barthel

Jette Götz

Sophia Müller

Topic: *The Story of a Glowing Destiny*

2nd Place:

Annalena Wallner

Paula Walz

Sophia Lieby

Topic: *Safety in an Entertaining Way*

3rd Place:

Woolyn Cho

Topic: *White Phosphorous*

Student:

1st Place:

Sophia Marie Castillo

Aira Dacasin

Jeff Howell Hernandez

Danielle May Lozanes

Topic: *General Laboratory Safety*

2nd Place:

Wouter Van Hoey

Sander Bossier

Radu-George Ciocarlan

Topic: *General Lab Safety Rules*

3rd Place:

Romel Paul B. Hilario

Alyssa Reina P. Moneda

Joanna C. Rivero

Joseph Michael G. Sioson

Topic: *Often Overlooked Safety Aspects*



Events

After more than two years of online conferences, webinars and only seeing each other on screens, from a safe distance, 2022 finally brought back in-person events. It was a pleasure for our Chemistry Community to meet face to face once again, to shake hands, wear nametags and have lively discussions in-between sessions during coffee breaks.

However, the two years of teleconferencing have undeniably taught us useful things and revealed opportunities. Connecting people from different parts of the world became much more simple and sustainable while hybrid and flexible working improved productivity. Disseminating information to an audience wider and more diverse than ever became only a matter of a few clicks.

Although online events will never be able to replace in-person ones, this does not mean that the two cannot coexist alongside each other, or even in a combined way – and indeed, many in our network appreciated the opportunities hybrid meetings provided. EuChemS still organised online webinars to reach wide audiences while major scientific networking opportunities, such as the ECC8 were held in person. Regardless whether it was in person, online or hybrid, EuChemS was happy to recognise, support and promote all events that achieved high scientific standards and furthered the goals of the European Chemistry Society.

In 2022, we have returned to in person events, but we do not forget the lessons learned during the pandemic. Thus, we are heading towards a future of where novel technologies exist alongside the benefits of traditional meetings, equipped with all the knowledge and experiences the previous years have provided us with.

■ EUCHEMS RECOGNISED EVENTS

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 290 events.

Recognised Events in 2022

EYCN Meeting

19/21/01/2022 • Online

EuChemS @ #GWB2022

16/02/2022 • Online

XIV Meeting of Young Chemical Engineers

24/02/2022 - 25/02/2022 • Zagreb, Croatia

Friday Lectures

25/02/2022 • Online

EuChemOmetricS - webinar on chemometrics

24/02/2022 • Online

4th Webinar on Food Chemistry

03/03/2022 • Online

1st Green and Sustainable Analytical Chemistry

14/03/2022 - 16/03/2022 • Online

2nd European Sample Preparation e-Conference

14/03/2022 - 16/03/2022 • Online

9th European Conference on Applications of Femtosecond Lasers in Materials Science (FemtoMat 2022)

14/03/2022 - 16/03/2022 • Mauterndorf (Salzburg), Austria

*The Nitrogen Element-Sustainable food production?***26/04/2022** • Online*Friday Lectures***04/05/2022** • Online*Radchem conference***15/05/2022 - 20/05/2022** • Mariánské Lázně, Czech Republic*NeXT-Chem: Innovative cross-sectoral technologies***19/05/2022 - 20/05/2022** • Bucharest, Romania*10th International Conference on Mechanochemistry and Mechanical Alloying***06/06/2022 - 10/06/2022** • Cagliari, Italy*Mechanochemistry Meets Industry II - Economic considerations and business perspectives***10/06/2022** • University of Cagliari, Italy*XLVI «Attilio Corbella» International Summer School on Organic Synthesis***12/06/2022 - 16/2022** • Gargnano, Italy*4th Training School 'Mechanochemical Synthesis and Kinetics'***13/06/2022 - 16/06/2022** • University of Cagliari, Italy*5th Webinar on Food Chemistry***21/06/2022** • Online*Green and Unconventional Synthesis, Approaches and Functional Assessment AIM 2020 (AIM 2020 Advanced Inorganic Materials)***23/06/2022 - 24/06/2022** • University of Bari, Italy*Tackling transformation barriers towards ethical behavior in academia and business - A live interview with Prof. Dr. Erhard Meyer-Galow***24/06/2022***XXXVIII Reunión Bienal de la Real Sociedad Española de Química***27/06/2022 - 30/06/2022** • Granada, Spain*25th International Symposium for High-Performance Thin-Layer Chromatography***28/06/2022 - 01/07/2022** • University of Ljubljana, Slovenia

*26th International Symposium on Separation Sciences - ISSS 2022***28/06/2022 - 01/07/2022** • University of Ljubljana, Slovenia*Curiosity - A French-German Young Chemists Conference***30/06/2022 - 01/07/2022** • Université de Haute-Alsace, France*48th National Congress of Physical Chemistry (XLVIII CNCF)***04/07/2022 - 7/07/2022** • Genoa, Italy*Chemistry for Cultural Heritage - ChemCH-2020***04/07/2022 - 08/07/2022** • Firenze, Italy*Hybrid Division Meeting in Israel10***10/07/2022** • Weizmann Institute of Science*8th Regional Symposium on Electrochemistry for South-East Europe (RSE-SEE 8)***10/07/2022 - 15/07/2022** • Graz, Austria*European Conference of Research in Chemistry Education (ECRICE 2020)***11/07/2022 - 13/07/2022** • Weizmann Institute of Science, France*Total Food 2022: maximising value from the food chain***13/07/2022 - 14/07/2022** • Jubilee Conference Centre, England*Second International Conference on Noncovalent Interactions 2021-2022 - ICNI2021***18/07/2022 - 22/07/2022** • University of Strasbourg, France*8th EuChemS Chemistry Congress (ECC8)***28/08/2022-01/09/2022** • Lisbon Congress Centre, Portugal*DCTC Division Meeting***29/08/2022** • Lisbon, Congress Centre (Portugal)*2nd EuChemS Young Investigator Workshop***01/09/2022 - 02/09/2022** • Faculty of Pharmacy, Lisbon, Portugal*13th Spanish-Italian Symposium on Organic Chemistry***04/09/2022 - 06/09/2022** • El Seminari Centre Terraconense, Tarragona, Spain

*9th IUPAC International Conference on Green Chemistry - ICGC-9***05/09/2022 - 09/09/2022** • Athens, Greece*Highlighting Organic Chemistry in Finland***09/09/2022** • Online*EuChemS session at the EFMC-ISMC 2022***04/09/2022 - 08/09/2022** • Nice, France*19. Ružička days***21/09/2022 - 23/09/2022** • Vukovar, Croatia*FCD Delegates Assembly (46th Annual Meeting:hybrid)***30/09/2022** • Čatež ob Savi, Slovenia*7 MS Food Day***05/10/2022 - 07/10/2022** • Camera di Commercio di Firenze, Italy*Chemical Research in Flanders - Chemistry Conference for Young Scientists 2022***12/10/2022 - 14/10/2022** • Floréal, Belgium*XVI Encontro de Química dos Alimentos (EQA)***23/10/2022 - 26/10/2022** • Castelo Branco, Portugal*Solutions in Chemistry 2022***08/11/2022 - 11/11/2022** • Croatia*MacroYouth (2022) ICMPP***18/11/2022** • Iasi, Romania

Upcoming Recognised events in 2023

Global Women's Breakfast (GWB 2023)

14/02/2023 • 10.00-11.30 AM UTC+1 • Online event

Highlighting Organic Chemistry in Spain

17/02/2023 • Virtual

10th European Conference on Applications of Femtosecond Lasers in Materials Science (FemtoMat 2024)

11 - 15/03/2024 • Mauterndorf (Salzburg), Austria

Frühjahrssymposium / Spring Symposium (FJS 2023)

21 - 24/03/2023 • Justus-Liebig-Universität Gießen, Gießen

28th Croatian Meeting of Chemists and Chemical Engineers (28HSKIKI)

28/03/2023 - 31/03/2023 • Croatia

MicrobiotaMi 2022 (3rd Edition)

03/04/2023 - 05/04/2023 • University of Milano-Biocca, Italy

ECTN (European Chemistry Thematic Network Annual Meeting and General Assembly

13/04/2023 - 15/04/2023 • Amsterdam Science Park Conference Centre, Amsterdam, The Netherlands

Annual Meeting of the Division of Nuclear and Radiochemistry at RANC conference

in a week during 7-12/05/2023 • Budapest, Hungary

13th International Conference on the History of Chemistry (13ICHC)

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

8th European Chemical Biology Symposium (ECBS) 2023

9 - 11/05/2023 • Gothenburg, Sweden

International Conference on Chemistry and the Environment

11 - 15/06/2023 • Venice, Italy

Chemistry Europe and host Societies

11 - 15/06/2023 • Venice, Italy

18th International Conference on Chemistry and the Environment

11 - 15/06/2023 • Venice, Italy

EuroFoodChemXXII

14 - 16/06/2023 • University of Belgrade, Serbia

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

18/06/2023 - 22/06/2023 • Congress Centre Düsseldorf, Germany

7th Congress Chemistry for Cultural Heritage

1 - 5/07/2024 • Bratislava, Slovakia

EUROVARIETY 2023

28 - 30/07/2023 • Tartu, Estonia

SCF 2023 Congress

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

The 2023 International Chemistry Congress (ChemCon2023)

03/07/2023 - 05/07/2023 • Jerusalem, Israel

Young Investigator Workshop 2023

7 - 8/07/2023 • Leuven, Belgium

10th International Conference on Nuclear and Radiochemistry– NRC10

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

Euroanalysis XXI

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

EuChemS CompChem 2023

(European Conference on Computational and Theoretical Chemistry)

27 - 31/08/2023 • Tessaaloniki, Greece

*6th EuChemS Conference on Green and Sustainable Chemistry***3 - 6/09/2023** • Salerno, Italy*GDCh Science Forum Chemistry 2023 (WiFo 2023)***04/09/2023 - 06/09/2023** • Leipzig, Germany*XXV Organometallic Conference 2023 (EuCOMC XXV)***04/09/2023 - 08/09/2023** • Universidad de Alcalá, Madrid, Spain*25th Conference on Isoprenoids***11/09/2023 - 13/09/2023** • Karaganda, Kazakhstan*6th International Mass Spectrometry School (imss 2023)***17/09/2023 - 22/09/2023** • Cagliari, Italy*9th EuChemS Chemistry Congress (ECC9)***07/07/2024 - 11/07/2024** • Dublin, Ireland*6th Erwin Schrödinger Symposium 2023***9 - 11/10/2023** • Vorarlberg University of Applied Sciences, Dornbirn, Austria*10th European Conference on Applications of Femtosecond Lasers in Materials Science (FemtoMat 2024)***11 - 15/03/2024** • Mauterndorf (Salzburg), Austria*7th Congress Chemistry for Cultural Heritage***1 - 5/07/2024** • Bratislava, Slovakia*10th International Conference on Nuclear and Radiochemistry-NRC10***25 - 30/08/2024** • Brighton, United Kingdom



9th EuChemS

CHEMISTRY CONGRESS

Dublin, Ireland 7–11 July 2024

ABOUT EUCHEMS

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	Российское химическое общество им. Д.И. Менделеева	<i>Mendeleev Russian Chemical Society</i>
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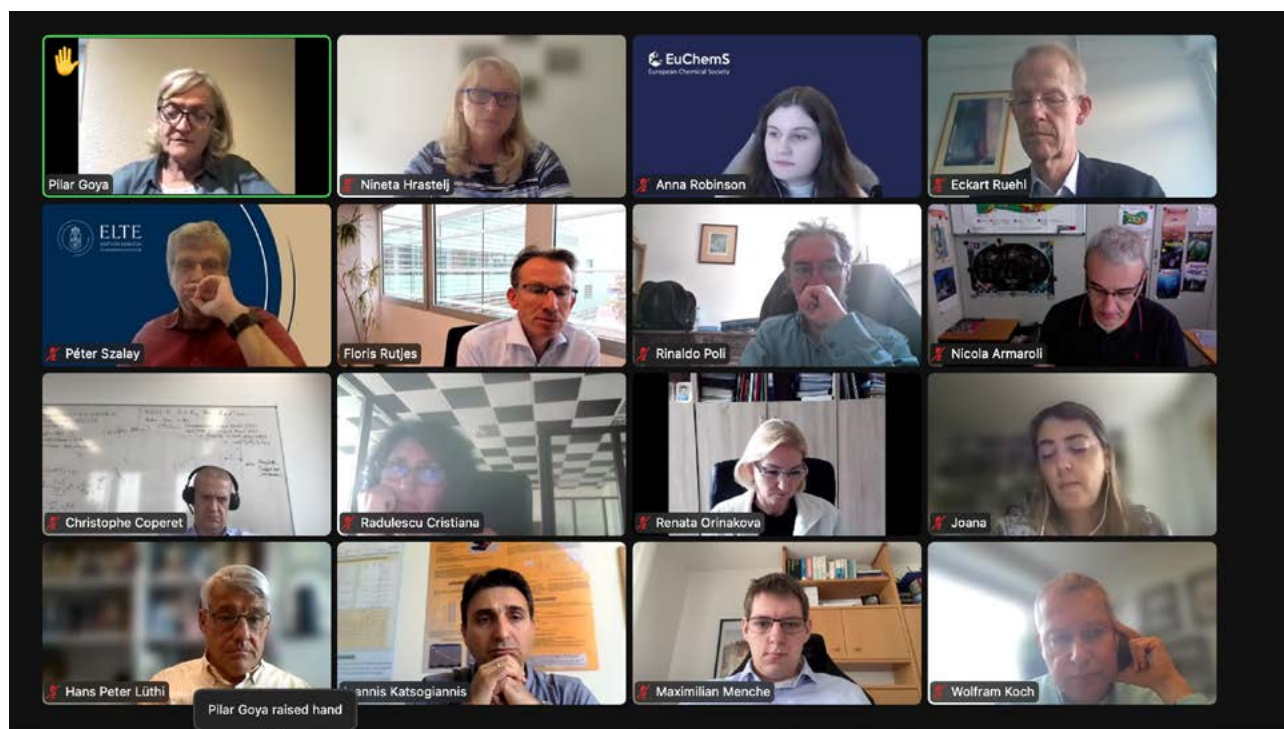
The Executive Board is responsible for managing the scientific, educational, and professional activities of EuChemS.

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(since 2011)



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Science Communication
and Policy Officer
(From March 2022)



Claudia Jiménez
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Administrative Assistant
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Laura Jousset
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