



# 2019 YEAR BOOK

 **EuChemS**  
European Chemical Society

## ACKNOWLEDGEMENT

The Editorial Team is very thankful to all who helped shaping the 2019 Year Book.



## PUBLISHER AND COPYRIGHT

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## EDITORIAL

2019 will undoubtedly be remembered as a year of transitions and shifts: we have witnessed political polarisation, an unabated climate emergency, but also shifting attitudes, and ground-breaking ways of doing science (the transition to open access publishing is but an example). In the midst of these complex movements, a year-long event has managed to bring scientists closer together across the world. The International Year of the Periodic Table (IYPT2019) has provided a useful and encouraging steppingstone to scientists to organise more initiatives and activities, more events, projects and even the elaboration of political messages. It will be our duty as chemists and scientists to make sure that our energy and dedication this year continue to be carried forward into 2020 and beyond.

EuChemS, as the umbrella organisation representing Chemistry-related organisations from across Europe, has been in a prime position to issue a strong message throughout the year. First and foremost, I would like to mention the EuChemS Periodic Table. Its quirkiness has quickly seduced the chemistry community, but has also been referred to in world media, distributed in schools and universities across Europe, featured on the television and on the radio, and been used for policy-related documents. Translated into over thirty languages,

it will continue, I am sure, to be relevant in the years to come. I was moreover particularly pleased to have been able to unveil the Periodic Table alongside Catherine Stihler, Member of the European Parliament at the time, in the European Parliament in Brussels itself in January 2019.

In February 2019, I made my way to Murcia, Spain, where the Global Women's breakfast initiative put forward by IUPAC was held in conjunction with the international symposium on 'Setting their Table: Women and the Periodic Table'. This was a fantastic opportunity to shed some light on how women have provided a vital contribution to the making of the Periodic Table. I was all the more delighted and honoured at being asked to provide a preface to the excellent book 'Women in their Element', edited by Brigitte van Tiggelen and Annette Lyknes, and which features several stories on the women who shaped the Periodic Table.

2019 has also proven to be a year to celebrate chemistry beyond the Periodic Table, and to approach the topic of chemistry's relationship to society. The 2018 EuChemS Historical Landmarks Awards were celebrated this year and have been a fantastic opportunity to discuss and witness the role chemistry has played in the cultural history of Europe. Awarded the Historical Landmarks Award for its role at the European

level, we first headed to the Ytterby mine in Sweden. A scientific conference followed by a tour to the mine was organised by the Swedish Chemical Society. On this occasion, we unveiled the award plaque at the entrance of the mine. A second Historical Landmarks Award, this time awarded for its role at a local level, was presented to the ABEA industrial soapmaking complex on the Greek island of Crete. Beneath the disused factory chimneys, the Association of Greek Chemists organised a talk on ABEA's role in the history of Crete. I strongly believe that this EuChemS initiative can play an important role in bringing chemistry a little closer to people.

I was able, throughout 2019, to meet with some of EuChemS' members, attend their events and present some of the work we have been doing. A big thank you goes to the Finnish Chemical Society for inviting me to their centennial celebrations; to the Italian Chemical Society for inviting me to speak at the "Chemistry meets Industry and Society" creative showcase conference in Salerno, Italy; to the German Chemical Society (GDCh) for inviting me to talk at the GDCh Wissenschaftsforum Chemie 2019 in Aachen, Germany. Together with Nineta Hrastelj, EuChemS Secretary General, I was moreover honoured to be invited to participate at the American Chemical Society's meeting in Orlando, USA. I was most pleased to be able to join our Young Chemists (EYCN) during their Delegates' Assembly in Bremen, Germany in March 2019. It is always a pleasure to see their dedication, passion and enthusiasm.

2019 was also a year of strengthened ties between chemistry societies and in our shared goals. EuChemS, alongside the Presidents and representatives of chemical societies from across the world, signed the Joint Framework Agreement on the United Nations Sustainable Development Goals (UN SDGs) in Paris, during the Forum for Chemical Society Presidents, in conjunction with the IUPAC World Congress. The agreement, in recognition of the role the chemical sciences can play in addressing global challenges, aims to encourage and commit chemical societies around the world to cooperate in identifying solutions, locally and globally, using the SDGs as a guide, to such challenges. We moreover signed a Chemistry Enterprise Partnership with the American Chemical Society (ACS) during

the EuChemS General Assembly in Bucharest in October 2019. The partnership lays out areas in which the two organisations have a shared interest in advancing the chemistry enterprise, its practitioners, and in addressing the global challenges we face.

I would like to point out some of the important policy work that EuChemS has been involved in throughout the year: most notably on discussions over the EU's 7-year research and innovation funding programme Horizon Europe, but also on the transformative impact of 'Plan S' and the transition to open access publishing. In March 2019, EuChemS also organised a workshop on the vital topic of employability and education that was held in the European Parliament in Brussels and chaired by MEP van Nistelrooij. We have also continued to be active on the High-Level group of the Open Science Policy Platform (OSPP) in order to better assist the European Commission in addressing the shift to open science.

Finally, I would like to mention the General Assembly that took place in Bucharest, Romania in October 2019, kindly hosted by the Romanian Chemical Society. During the meetings, we witnessed vivid discussions and elections.

The 2019 Year Book aims to provide a clear and concise summary of the many activities that EuChemS has been involved in over the last 12 months with efficient support and coordination from the EuChemS secretariat. I hope that it will allow you to gain a clearer idea of what EuChemS does, and what it means, and how together we can encourage ever more dialogue and curiosity for Chemistry.

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**Pilar Goya Laza**  
*President, EuChemS*



## I GENERAL ASSEMBLY

The General Assembly, the governing body of EuChemS, meets on an annual basis and defines the general policy directions to be taken. It is composed of a representative from each of the member societies (usually the President) and supporting members.



*The 2019 EuChemS General Assembly annual meetings took place at the Politehnica University of Bucharest, Romania on the 3 – 4 October 2019.*

This year's General Assembly saw wide ranging discussions and developments. In the first instance, Floris Rutjes from the Royal Netherlands Chemical Society (KNCV) was elected as EuChemS President-Elect. Eckart Rühl, of the German Bunsen Society for Physical Chemistry was re-elected as EuChemS Treasurer. Two new members of the Executive Board were also elected: Ioannis Katsoyiannis (Association of Greek Chemists) and Rinaldo Poli (French Chemical Society). The new roles will officially begin in January 2020.

The General Assembly also voted in favour of two new Supporting Members: the International Sustainable Chemistry Collaborative Centre (ISC3), and ChemPubSoc Europe.

Discussions also looked at EuChemS' latest initiatives for the International Year of the Periodic Table (IYPT2019), policy work, communications and internal finances. Plans for events and

activities for next year, in light of EuChemS' 50-year anniversary were also presented, along with a new logo to celebrate the occasion. An 'All You Want To Ask' session with free discussion between representatives and the EuChemS secretariat were organised, allowing the sharing of ideas, comments and suggestions for optimising EuChemS' work.

EuChemS warmly thanks the Romanian Chemical Society for hosting and welcoming all the participants. Commemorative medals of the centenary of the Romanian Chemical Society were handed out to EuChemS Member Society representatives during a dinner. A guided visit to Romania's Parliament House completed the social programme.

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**Nineta Hrastelj**  
*Secretary General, EuChemS*



## EXECUTIVE BOARD

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

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



**President**  
**Pilar Goya Laza**  
*Spanish Royal Society of Chemistry*



**Vice-President**  
**David Cole-Hamilton**  
*Royal Society of Chemistry*



**Treasurer**  
**Eckart Rühl**  
*German Bunsen Society for Physical Chemistry*



**Elected member**  
**Nicola Armaroli**  
*Italian Chemical Society*



**Elected member**  
**Christophe Copéret**  
*Swiss Chemical Society*



**Elected member**  
**Pavel Drašar**  
*Czech Chemical Society*



**Elected member**  
**Philippe Garrigues**  
*French Chemical Society*



**Elected member**  
**Kenneth Ruud**  
*Norwegian Chemical Society*



**Elected member**  
**Livia Simon Sarkadi**  
*Hungarian Chemical Society*



**Elected member**  
**Artur Silva**  
*Portuguese Chemical Society*



**Elected member**  
**Saskia van der Vies**  
*Royal Netherlands Chemical Society*



**Appointed member**  
**Marco Arlorio**  
*Italian Chemical Society*



**Appointed member**  
**Francisco Javier Pérez**  
*ANQUE*



**Appointed member**  
**Wolfram Koch**  
*German Chemical Society*



**Appointed member**  
**Nausicaa Orlandi**  
*Italian National Board of Chartered Chemists and Physicists*



**Appointed member**  
**Robert Parker**  
*Royal Society of Chemistry*



**Appointed member**  
**Anna Trzeciak**  
*Polish Chemical Society*

## SECRETARIAT



**Nineta Hrastelj**  
*Secretary General*



**Marta Kucza**  
*Administrative Officer*



**Rafaël Deroo**  
*external consultant (until March 2019)*



**Alex Schiphorst**  
*Science Communication & Policy Officer (until 30 November 2019)*



**Laura Jousset**  
*Science Communication & Policy Officer (since 2 December 2019)*





## I POLICY INITIATIVES

EuChemS endeavours to successfully raise awareness of the vital role Chemistry plays in providing solutions to the many environmental, societal, health-related and economic challenges that we face. At the same time, EuChemS aims to keep its community abreast of the latest policy developments impacting the chemical sciences and to provide networking and knowledge exchanges between scientists and policymakers.

At the policy level, EuChemS actively advocates on behalf of the Chemistry community by liaising with the different European Institutions and European Agencies, providing Position Papers on crucial topics, organising workshops, responding to public consultations and calls for feedback as well as through European Commission delegations. Because of the broad range of Chemistry disciplines that EuChemS represents, we are able to provide scientific advice on a variety of topics, from environmental issues and climate change to Open Science, food safety to clean energy, from education and STEM (Science, Technology, Engineering and Mathematics) to scientific integrity.



## RESEARCH & INNOVATION

### Chemistry and the EU Horizon Europe programme

The next EU research framework programme known as Horizon Europe, will succeed Horizon2020 as of January 2021. The draft programme was put forward by the European Commission with a proposed budget of some €100 billion and introduced the notion of 'Missions', that is, defined goals with specific targets to be achieved in a set timeframe.

EuChemS [published a position paper](#) outlining several crucial issues: firstly, that the pillar of 'excellence' should remain at the very core of Horizon Europe. Secondly, we stressed the need for a more ambitious budget for the programme as well as for the European Research Council (ERC) and Marie Skłodowska-Curie Actions. Finally, EuChemS highlighted the crucial importance of maintaining an international outlook and to continue closely collaborating with non-EU countries.

The 'Missions' proposed have also caused some waves, and the promise made of greater interaction and co-creation with stakeholders, scientists and citizens has many hoping for dynamic change. In a first co-creation exercise, the European Commission launched a call for feedback in order to evaluate how Horizon Europe can better be targeted, and what its future investment priorities may be. [EuChemS responded](#) by emphasising the need to continue supporting excellence and international collaboration. EuChemS moreover urged the EU to align some of its objectives to the United Nations Sustainable Development Goals.

The negotiations surrounding the technicalities of Horizon Europe have largely been settled between the European Commission, Parliament and Council. Some disagreement persists however over how much Horizon Europe will be used to attempt to bridge the research and innovation gap between western and eastern Europe. The bigger issue remains that of the budget. Whilst the European Parliament called for a €120 billion budget, this does not seem to be a likely scenario as countries are unwilling to spend

more in order to fill the gap that will be left by the United Kingdom's departure from the EU or to accept cuts to other areas, such as agriculture.

### EuChemS calls on European Commission President-Elect to rethink Commissioner title

On 9 September, Ursula von der Leyen, President-Elect of the European Commission announced the names of her team of Commissioners, their portfolios and job titles.

EuChemS urged in an [open letter](#) to von der Leyen, that the European Commission should revise the title for Commissioner Mariya Gabriel to "Education, Research, Innovation and Youth", rather than the proposed 'Innovation and Youth' which fails to showcase the dedication of the European Union to education, research and science. It moreover fails to recognise that education cannot be solely restricted to 'youth'. We are glad that our proposal has been heard and that the portfolio's name has been changed along the lines of our proposal.



## OPEN SCIENCE

### Implementing Plan S

On 4 September 2018, 'cOAlition S', a coalition of national research funders, supported by the European Commission, launched 'Plan S', an initiative to accelerate the transition to open access in scientific publishing. The plan consisted of 10 principles for the transition to Open Access. More specific implementation guidelines were published by cOAlitionS to which [EuChemS responded](#) in February 2019. EuChemS, which reiterated its support for open access, highlighted that many of the critical issues when Plan S was first published were still present in the updated implementation guidelines.

## The Future of Scholarly Publishing

In early 2019, a report prepared by an Expert Group to the European Commission was published and looked at the future of scholarly publishing and scholarly communication. The publication of the report was followed by a stakeholder consultation. EuChemS is generally supportive of the report's content, conclusive analysis of the report, together with the recommendations it puts forward.

[EuChemS' position paper](#) answered various questions and scenarios, including on our vision of the future of actors and their roles and functions in the scholarly communication system; evaluation of research; types of scholarly contributions, venues and paths for dissemination, business models and their financial aspects; and what other stakeholders should also do.

## Open Science Policy Platform

The aim of the Open Science Policy Platform (OSPP) is to provide support to the European Commission on how to further develop and implement open science policy. EuChemS is represented in the group by Executive Board member Wolfram Koch. The OSPP met three times in 2019.



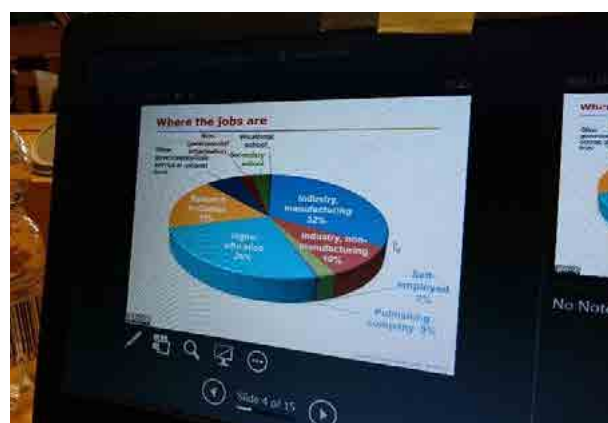
## EMPLOYABILITY OF EUROPEAN CHEMISTS

### “Chemical Sciences for Horizon Europe, Education & Employability” – a policy workshop in the European Parliament

On 7 March, EuChemS organised a European Parliament workshop which looked at the 2<sup>nd</sup> Employment Survey for European Chemists results. Speakers from academia and industry, together with policymakers as well as a representative from the European Young Chemists' Network (EYCN) were invited to provide their perspectives and suggestions for ways forward.

The employment opportunities and challenges that face European chemists are in turn linked to education in Europe, as well as research programmes such as Horizon Europe, meaning that there is a need to involve the participation of academia, industry, but also of European policymakers.

Visit:  
[www.euchems.eu/chemical-sciences-for-horizon-europe-education-employability/](http://www.euchems.eu/chemical-sciences-for-horizon-europe-education-employability/)  
for more information.



Workshop: Chemical Sciences for Horizon Europe, education & employability  
7th March 2019, 10.00-12.00, European Parliament, Brussels

Strong employability can be a driving force for society and should be a priority for all policymakers. EuChemS, the European Chemical Society, addressed this issue in a panel session on 7 March featuring a diversity of speakers, who, through their different perspectives, highlighted key challenges ahead. Speakers included representatives from academia and industry, early career researchers, and representatives from the European Commission and the European Parliament.

Throughout the discussion, several common aspects were repeated by the speakers, namely:

- Improved academia-industry collaboration
- Recognising the precursor role of high quality (higher) education
- Recognising the importance of closer collaboration on an equal basis across Europe and beyond
- Addressing gender bias in everyday practices
- The urgent need for better communication
- Taking notice of the diminishing borders between different scientific disciplines

<http://bit.ly/ChemEm7-3-19> for further info, speaker bios & presentations

Education, employability, and research funding are interconnected aspects that European scientists will need to navigate at some stage in their life. But many issues continue to withhold talent, deny opportunities to certain social groups, or by preparing future generations with inadequate skills and knowledge.

The EU can encourage and provide quality opportunities for scientists, but the right environment needs to be fostered. Only with the involvement of all stakeholders, that talk to each other, listen, and perhaps more pertinently, hear each other, can we ensure results that move in the right direction.



7 March 2019, EuChemS parliament workshop in Brussels.



## CHEMICALS AND CHEMICAL SAFETY

### EuChemS attends European Chemicals Agency (ECHA) Risk Assessment Committee meetings

On 22 June, the European Chemical Agency's (ECHA) Committee for Risk Assessment on which EuChemS sits, met in order to discuss the increasing list of topics that the EU agency is looking at. From authorisations, restrictions and decisions on harmonised classification of substances, it is clear that the agency's role and scope of action is growing. During the meeting, the topic of microplastics took centre stage, with discussions focusing on how to properly classify microplastics, analyse health risks and on the best ways forward. ECHA is proposing to restrict intentionally added microplastics in products from which they will inevitably be released into the environment. A second meeting in September witnessed a heated discussion on the definition of microplastics given by ECHA's proposed restriction. Stakeholders notably disagreed on the elements of the microplastic definition; substances excluded from the definition; natural polymers (not chemically modified) and biodegradable polymers. In particular, the lower limit of 1nm indicated in the definition was much debated.



# FOSTERING EUROPEAN CHEMISTRY

## INTERNATIONAL YEAR OF THE PERIODIC TABLE (IYPT 2019)

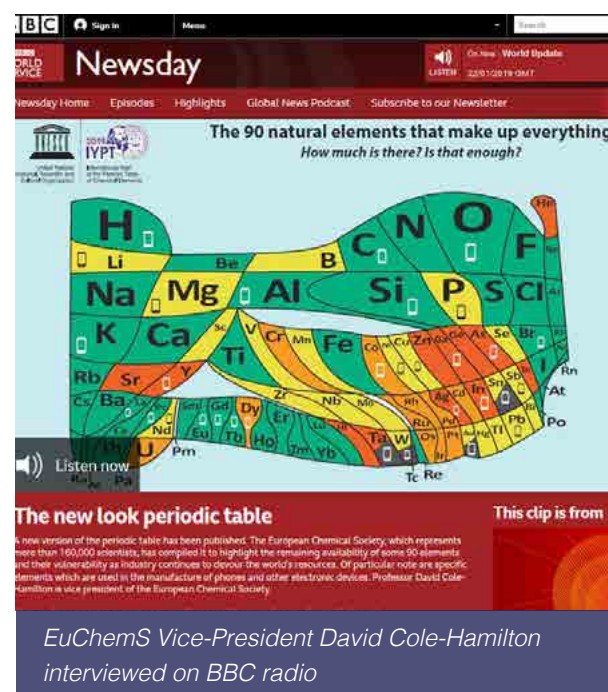
2019 saw the celebration of the International Year of the Periodic Table. The year-long celebrations proved an invaluable opportunity to showcase the wonders and complexities of the Periodic Table, and to launch discussions on a very wide-ranging number of issues, from individual elements, to greater questions of sustainability, climate change, waste and recycling. Several important events took place across the world, from the opening ceremony of the IYPT in Paris to its closure in Tokyo.



IYPT2019 Opening Ceremony in Paris  
© EuChemS Secretariat



EuChemS Periodic Table presentation at the European Parliament © EuChemS Secretariat



Sir Martyn Poliakoff with Yuri Oganessian and his granddaughter Sona © Martyn Poliakoff



Society of Chemists and Technologists of Macedonia and North Macedonia Post Issue special EuChemS Periodic Table stamp © Martyn Poliakoff Society of Chemists and Technologists of Macedonia

## EuChemS Periodic Table of element scarcity

2019 saw EuChemS unveil its own Periodic Table. The iconic shape was launched at a workshop in the European Parliament hosted by MEPs Catherine Stihler and Clare Moody. The workshop included a series of talks on the history of the periodic table, its meaning, and what lies ahead in the future by speakers from EuChemS, the European Parliament, European Commission, IUPAC and St Andrews University. As the new periodic table was displayed, so was a copy of the recently discovered oldest known wall-chart of the periodic table, discovered at St Andrews University.

The launch of the EuChemS periodic table has been a huge success. It was picked up by media from across the world, and in important news outlets such as the BBC, The Guardian and The New York Times. Interviews on radio and television have also helped make the table increasingly known, its message all the more



powerful in today's global challenges and shifting attitudes. It has also been picked up in important policy documents such as the report by the European Environment Agency (EEA) on the Circular Economy.

Posters of the periodic table were widely distributed in schools and universities in Europe, such as in Italy and the Netherlands. A special stamp was issued by the Society of Chemists and Technologists from Macedonia in collaboration with the North Macedonian Post. Events across Europe organised by EuChemS Member Societies and Professional Networks have had a tremendous effect on spreading the message of sustainability and the need to better develop our recycling capabilities if we want to protect endangered and scarce elements.

The Table can be downloaded online for free and is available in over 30 other languages so far!

These are downloadable on the EuChemS website: [www.euchems.eu/euchems-periodic-table/](http://www.euchems.eu/euchems-periodic-table/)





## EuChemS releases its first ever video game: Elemental Escapades!

EuChemS was proud to present 'Elemental Escapades!', a Periodic Table Adventure puzzle platform game in which players play as Jan, a janitor inadvertently transported across time and space. Through a journey home, players will learn about important chemical elements and combine them to make useful compounds to help navigate the strange alien world they find themselves in. The game, which was downloaded over 2900 times was later released into 11 other languages in collaboration with the European Young Chemists' Network (EYCN).

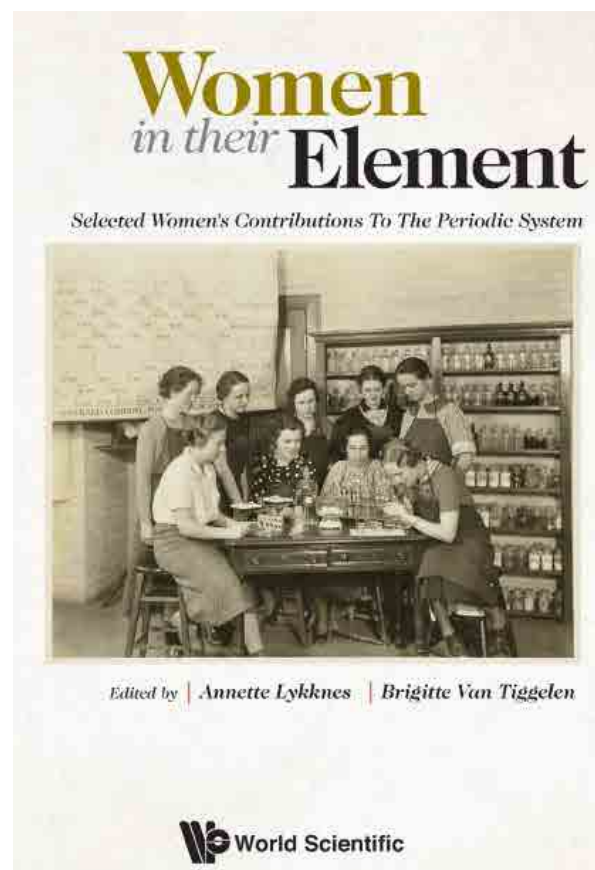
Play the game online now:

<https://gamejolt.com/games/Elemental-Escapades/391150>



## Women in Chemistry

The IYPT also presented an opportunity to look beyond the familiar names associated with the Periodic Table. In a fantastic book that includes the stories of the women behind the Periodic Table, the less well-known stories are brought into the spotlight. The book is edited by Brigitte van Tiggelen, Chair of the EuChemS Working Party on the History of Chemistry and Annette Lykknes, Vice-Chair EuChemS Working Party on the History of Chemistry, and includes prefaces prepared by EuChemS President Pilar Goya and IUPAC Past President Natalia Tarasova.



In light of the international focus on the Periodic Table, a Global Women's Breakfast event was initiated by IUPAC. EuChemS took part in the celebration of women in science and chemistry with an international symposium on 'Setting their table: Women and the Periodic Table of Elements'. The event, hosted at the University of Murcia in Spain, saw many young students attend on a variety of talks that looked at the discoveries of women scientists but also of socio-cultural aspects that restricted – and continue to do so – the access of women to science.



Global Women's Breakfast – Murcia, Spain



## EUCHEMS JOINS WORLD CHEMICAL SOCIETIES IN SIGNING JOINT AGREEMENT ON THE UN SUSTAINABLE DEVELOPMENT GOALS

On 9 July 2019, EuChemS, alongside the Presidents and representatives of chemical societies from across the globe, signed the Joint Framework Agreement on the United Nations Sustainable Development Goals (UN SDGs) in Paris, France. The event took place during the Forum for Chemical Society Presidents, in conjunction with the IUPAC World Congress.

The agreement, in recognition of the role the chemical sciences can play in addressing global challenges, aims to encourage and commit chemical societies around the world to cooperate in identifying solutions, locally and globally, using the SDGs as a guide, to such challenges. Solving such complex and multidimensional issues will indeed require the collaboration and joint effort between governments, industry, academia and non-governmental organisations.

Pilar Goya, EuChemS President signed the document on behalf of the European Chemical Society.

You can read the agreement here:

[www.euchems.eu/euchems-joins-world-chemical-societies-in-signing-joint-agreement-on-the-un-sustainable-development-goals/](http://www.euchems.eu/euchems-joins-world-chemical-societies-in-signing-joint-agreement-on-the-un-sustainable-development-goals/)



Presidents and representatives of chemical societies from around the world sign the joint agreement, on 9 July in Paris.



## EUCHEMS SIGNS CHEMISTRY ENTERPRISE PARTNERSHIP WITH THE AMERICAN CHEMICAL SOCIETY

EuChemS and the American Chemical Society (ACS) signed a Chemistry Enterprise Partnership during the EuChemS General Assembly in Bucharest in October 2019. The partnership, signed by Pilar Goya, EuChemS President and Bonnie Charpentier, ACS President, lays out areas in which the two organisations have a shared interest in advancing the chemistry enterprise, its practitioners, and in addressing the global challenges we face.



ACS President Bonnie Charpentier and EuChemS President Pilar Goya sign the Chemistry Enterprise Partnership in Bucharest, October 2019

The agreement encompasses shared areas of interest such as in better communicating Chemistry's values, identifying relevant policy areas, developing symposia, workshops and training on a wide variety of education and employment issues, and finally, addresses the need to continue supporting and participating in each other's meetings. The Chemistry Enterprise Agreement moreover identifies areas of collaboration within the United Nations Sustainable Development Goals (SDGs) where as representatives of the Chemistry community, we all have a role to play.

The Agreement had as a predecessor a Memorandum of Understanding (MoU) signed during the EuChemS General Assembly in Seville. In the MoU, the two societies agreed to work together to "promote the ethical use of chemistry" and "collaborate for the good of the

chemical enterprise, of their members, and of the subject of chemistry” in such areas as events, surveys, lobbying, ethics and safety, global challenges, exchange programmes and the public understanding of chemistry.

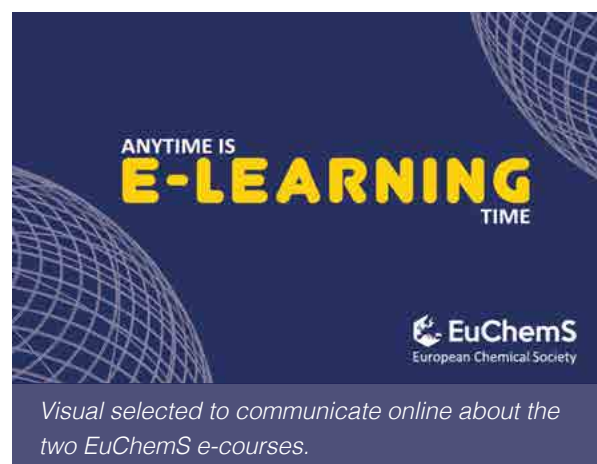


### **EUCHEMS LAUNCHES ONLINE COURSE ON CHEMISTRY & ETHICS**

The teaching of research ethics and science ethics as part of a Chemistry-focused curriculum at university is far from mandatory or available in much of Europe (and the world) despite a growing demand for such educational material. Through the work of a EuChemS task force consisting of Jan Mehlich, members of the EuChemS Division of Chemical Education, the EuChemS Working Party on Ethics in Chemistry, and the European Chemistry Thematic Network (ECTN), a course entitled “Good Chemistry – Methodological, Ethical, and Social Dimensions” has been conceptualised and realised.

The course was tested at the beginning of 2019 and following feedback and suggestions has been updated. The course is being rolled out to universities and other educational institutions and will be made available to individuals.

Find out more about it here:  
[www.elearning-euchems.eu/](http://www.elearning-euchems.eu/)







## SCIENCE COMMUNICATION

The reach and impact of the EuChemS Periodic Table was both unprecedented and unexpected – yet should not be so surprising. Easy to understand, quirky but recognisable, and released at a time when people are increasingly rethinking their relationship to the environment around them, to their waste and reliance on electronics, it epitomises the power of successful science communication. The Periodic Table designed by EuChemS is all the more interesting and effective in that it can be understood and used by scientists, by policymakers, by students and by the public more generally. It has managed to transform the Periodic Table, a universally recognised icon of science (even if not always fully understood) into a story and a narrative that forces us to think more critically about our own actions. It also exposes an uncomfortable truth and makes us realise that the phone we may be holding in our hands is not so innocent.

The visibility of EuChemS, both within the decision-making sphere in Brussels and within the wider Chemistry community has continued to grow in the last year. Increased interaction with our online followers or references in policy documents, attest to this. But resting on our laurels is not an option. Active science communication is needed to encourage the dialogue between politicians and scientists, to inform both groups of the others' findings, intentions and ideas. EuChemS finds itself in an important position, whereby its science communication works in two ways: providing tools to EU policymakers in order to ensure policies are evidence-based, whilst at the same time keeping scientists abreast of major EU political decisions and directions that often will impact and shape how science is done – whether through funding opportunities, cross-border

interactions or through disruptive changes such as the move to open access publishing.

EuChemS is aware of the challenges this dual communication entails, and it has been our aim throughout the last year to carefully maintain such a balance and encourage greater interaction between two very different worlds and visions of how things work.

It will be crucial that science communication continues to be stepped up as we continue to face a number of challenging issues in Europe and globally, with first and foremost the climate emergency. Recent discussions between EU institutions hint at a lower than expected budget for the EU's Horizon Europe funding programme – a move which would be both tragic and incomprehensible at a time when scientific breakthroughs and developments may prove to be the answer to many of the challenges we face. Scientists the world over need to ensure their message is understood within the public and the political arena. Convincing those around us of the need for evidence-based policies and decisions will be something we all need to do as scientists, researchers, or students.

EuChemS offers a platform for European scientists and European chemistry-related organisations to directly appeal to EU politicians and we encourage each and everyone of you to get involved in our work, to share our message and to join voices on important topics. Effective science communication will ultimately need to be a joint effort.

To subscribe to our newsletters, Brussels News Updates and the quarterly Chemistry in Europe, click on the link here: <https://www.euchems.eu/newsletters/>

Make sure to connect with us on [Twitter](#), [Facebook](#) and [LinkedIn](#) and join the conversation!



@EuChemS



**Alex Schiphorst**

*Science Communication & Policy Officer*



## AWARDS

### EUCHEMS HISTORICAL LANDMARKS AWARDS

Chemistry is an integral part of Europe's shared cultural heritage. To better showcase this often-overlooked aspect of our history, EuChemS launched the Historical Landmarks Award, which aims to celebrate historical landmarks which have displayed a fundamental role in the development of chemistry at a European-wide level, or at the national or local level. EuChemS president, Pilar Goya, and EuChemS General Secretary, Nineta Hrastelj, together with Malin Forsband, municipality chair man, unveiled the plaque. The 2018 winners of the award were the Ytterby Mine in Sweden (European level award), and the ABEA industrial complex in Greece (regional level award). The award ceremony and the unveiling of the plaques took place in 2019.

Ytterby mine, famous for being the discovery site of some 8 chemical elements, celebrated the unveiling of a new European Chemical Society (EuChemS) plaque in recognition of the role it played in the history of Chemistry and shared European cultural heritage on Friday 26 and Saturday 27 April. The ceremony was preceded by a symposium where Brigitte Van Tiggelen spoke about the history of the mine and its discoveries as well as the pivotal role it played in the history of Chemistry in Europe. Some 140 people attended the ceremony, including representatives from the local municipality, Ytterby town, as well as from national chemical societies.



*The ceremony of the unveiling of the EuChemS plaque took place at the entrance of the Ytterby mine in Sweden.*



*Ytterby mine, Sweden.*

The regional level Historical Landmarks Award was unveiled at the ABEA industrial complex on the island of Crete, Greece in June 2019.

With the contribution of Chemistry, the site became a major player in the regional development of the island through the making of soaps derived from olive oil.

Over 100 people attended the ceremony, many of whom were chemists and ABEA staff.

Representatives from EuChemS, including Vice-President David Cole-Hamilton and Secretary General Nineta Hrastelj attended the event, as well as representatives from the Association of Greek Chemists, ABEA, and local officials. Alongside several speakers, Nasos Papadopoulos, President of the Association of Greek Chemists' President and Past President Triantafyllia Sideri welcomed guests and presented the site and the rich history tied to it. David Cole-Hamilton in turn presented the Awards' goals and aims. Local community representatives expressed their desire to see the old factory site turned into a park, allowing the general public to step closer and better understand the vital role the soap-making industry had on local industrialisation and development, as well as the central role that chemistry and chemists played.



*The ceremony of the unveiling of the EuChemS plaque took place in June 2019 at the ABEA industrial complex on the island of Crete, Greece.*



## EUCHEMS LECTURE AWARD

Every year, the major achievements of a junior scientists working in chemistry in a country with a EuChemS Member organisation is rewarded. The 2018 EuChemS Lecture Award was awarded to Raffaella Buonsanti, tenure-track Assistant Professor in the Institute of Chemical Sciences and Engineering at EPFL in Switzerland. As part of the Lecture Award, Raffaella Buonsanti will be invited to give a lecture at the 8th EuChemS Chemistry Congress in Lisbon, Portugal in August-September 2020.

## EUCYS EUCHEMS AWARD 2019

The EU Contest for Young Scientists aims to give students the opportunity to compete with their contemporaries at the European level, meet their peers with similar abilities and interests, and receive guidance from prominent scientists in Europe. The contest is an initiative of the European Commission. EuChemS provides a prize for the best chemistry entry in the EU Young Scientists Contest.

Zeyad Bady, from Egypt, was the recipient of the 2019 award for his project on "high particulate matter filtration efficiency Nano-fibrous membrane". The award was presented during the 31st edition of the competition in Sofia, Bulgaria in September 2018.



*EuChemS Secretary General, Nineta Hrastelj, with Zeyad Bady and his mentor, the recipient of the 2019 EUCYS EuChemS award.*

## DCE LIFELONG ACHIEVEMENT AWARD

The EuChemS Division of Chemistry and the Environment awarded the DCE Lifelong Achievement Award, during the ICCE conference, June 2019, in Thessaloniki, Greece, to Professor of Environmental Chemistry, Panayiotis Siskos, Department of University of Athens. The DAC Robert Kellner Award was given to Luisa Rossi, while the DAC-EuChemS Award was given to Freddy Adams.

## YOUNG INVESTIGATOR AWARD 2019

The EuChemS Division of Organic Chemistry has one yearly award, which is announced in conjunction with the [Young Investigator Workshop](#). The awardee is selected among the PIs that participate in the symposium through the national organic chemistry divisions. The 2019 edition was granted to [Dr. Marcos García Suero](#) (ICIQ, Spain) for his significant discoveries in photoredox catalysis, the generation of carbyne equivalents for late stage functionalisation of aromatic compounds, and of radical carbenoids for the stereoconvergent formation of cyclopropanes.





## EVENTS

### 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 over 180 events.

Visit [www.euchems.eu/events-overview/apply-for-recognition-of-event](http://www.euchems.eu/events-overview/apply-for-recognition-of-event) for more information.



[The Periodic Table and us: its history, meaning, and element scarcity](#)

**22/01/2019**

Brussels, Belgium

[Setting their Table: Women and the Periodic Table of Elements](#)

**11/02/2019 - 12/02/2019**

Murcia, Spain

[1<sup>st</sup> GHI World Congress on Food Safety and Security \(GHI2019\)](#)

**24/03/2019 - 28/03/2019**

Leiden, Netherlands

[SYnchrotron and NEutron Research Go Industrial \(SYNERGI 2019\)](#)

**01/04/2019**

Lyon, France

[6<sup>th</sup> European Chemical Biology Symposium / Meeting of EuChemS Division "Chemistry in Life Sciences" \(6<sup>th</sup> ECBS/LS-EuChemS meeting\)](#)

**03/04/2019 - 05/04/2019**

Madrid, Spain

[International School of Process Chemistry \(ISPROCHEM\)](#)

**12/05/2019 - 15/05/2019**

Gargnano, Italy

[37<sup>th</sup> Biennial Meeting of the Spanish Royal Society of Chemistry](#)

**26/05/2019 - 30/05/2019**

Donostia - San Sebastián, Spain

[118<sup>th</sup> General Assembly of the German Bunsen Society for Physical Chemistry \(Bunsentagung 2019\)](#)

**30/05/2019 - 01/06/2019**

Jena, Germany

[14<sup>th</sup> International Symposium on Macrocyclic and Supramolecular Chemistry \(ISMSC2019\)](#)

**02/06/2019 - 06/06/2019**

Lecce, Italy

[Organic Battery Days 2019 \(OBD 2019\)](#)

**03/06/2019 - 05/06/2019**

Jena, Germany

["Attilio Corbella" International Summer School on Organic Synthesis \(ISOS 2019\)](#)

**09/06/2019 - 13/06/2019**

Gargnano, Italy

[NUTRICON Congress 2019](#)

**12/06/2019 - 14/06/2019**

Ohrid, Macedonia

[Celebrating 150 Years Periodic Table](#)

**15/06/2019**

Antwerpen, Belgium

[17<sup>th</sup> International Conference On Chemistry And The Environment - ICCE2019](#)

**16/06/2019 - 20/06/2019**

Thessaloniki, Greece

[23<sup>rd</sup> Conference on Organometallic Chemistry \(EuCOMC XXIII\)](#)

**16/06/2019 - 20/06/2019**

Helsinki, Finland

[XX EuroFoodChem \(XX EFC\)](#)

**17/06/2019 - 19/06/2019**

Porto, Portugal

[1<sup>st</sup> International Meeting on Deep Eutectic Systems](#)

**24/06/2019 - 27/06/2019**

Lisboa, Portugal

[5<sup>th</sup> EuChemS Inorganic Chemistry Conference \(EICC-5\)](#)

**24/06/2019 - 28/06/2019**

Moscow, Russia

[11<sup>th</sup> symposium In Vino Analytica Scientia and 11th international symposium of Enology of Bordeaux \(Oeno/IVAS 2019\)](#)

**25/06/2019 - 28/06/2019**

Talence, France

[International Summer School on Natural Products \(ISSNP\)](#)

**01/07/2019 - 05/07/2019**

Naples, Italy

[World Chemistry Congress - International Union of Pure and Applied Chemistry - 2019 \(IUPAC 19\)](#)

**05/07/2019 - 12/07/2019**

Paris, France

[European Symposium on Organic Chemistry \(ESOC 2019\)](#)

**14/07/2019 - 18/07/2019**

Wien, Belgium

[12<sup>th</sup> International Conference on the History of Chemistry \(12ICHC\)](#)

**29/07/2019 - 02/08/2019**

Maastricht, The Netherlands

[6<sup>th</sup> International Conference on the Chemistry and Physics of the Transactinide Elements \(TAN 19\)](#)

**25/08/2019 - 30/08/2019**

Wilhelmshaven, Germany

[Chemistry meets Industry and Society. A creative showcase conference](#)

**28/08/2019 - 30/08/2019**

Salerno, Italy

[XX Euroanalysis 2019](#)

**01/09/2019 - 05/09/2019**

Istanbul, Turkey

[Celebrating D.I. Mendeleev's Periodic System. A Historical Perspective.](#)

**10/09/2019 - 13/09/2019**

Saint Petersburg, Russia

[GDCh-Wissenschaftsforum Chemie 2019 \(WiFo 2019\)](#)

**15/09/2019 - 18/09/2019**

Aachen, Germany

[13<sup>th</sup> Students' Congress of SCTM](#)

**19/09/2019 - 21/09/2019**

Skopje, North Macedonia



[4<sup>th</sup> EuCheMS Conference on Green and Sustainable Chemistry \(EUGSC-4\)](#)

**22/09/2019 - 25/09/2019**

Tarragona, Spain

[6<sup>th</sup> MS Food Day Conference](#)

**25/09/2019 - 27/09/2019**

Camerino, Italy

[Hot Topics in Contemporary Crystallography 4](#)

**01/10/2019 - 06/10/2019**

Dubrovnik, Croatia

[15<sup>th</sup> International Conference on Polysaccharides-Glycoscience \(15<sup>th</sup> ICPG\)](#)

**13/11/2019 - 15/11/2019**

Praha, Czechia

[3<sup>rd</sup> International Caparica Christmas Conference on Translational Chemistry](#)

**02/12/2019 - 05/12/2019**

Caparica, Portugal

[Avogadro Colloquia 2019 \(AC 2019\)](#)

**17/12/2019 - 18/12/2019**

Roma, Italy

Our calendar of events is regularly updated on [www.euchems.eu/events-overview/euchems-events-calendar/](http://www.euchems.eu/events-overview/euchems-events-calendar/)





## PROFESSIONAL NETWORKS

EuChemS Professional Networks are platforms in their own fields of expertise and promote collaboration with other European and international organisations. The Professional Networks organise high-quality scientific conferences in chemical and molecular sciences and interdisciplinary areas and contribute to EuChemS policy inputs. With 18 Divisions and Working Parties, EuChemS is able to provide networking opportunities for chemists and researchers from across Europe, and from across fields of expertise.



### Division of Analytical Chemistry

The EuChemS Division of Analytical Chemistry is a network of chemical societies and their members working in all fields of analytical science which endeavours to give a voice to the interdisciplinary field of analytical sciences and develop links with related institutions across the world. The Division implements its strategy which includes developping the profile of Analytical Chemistry, enhancing the activities of Study Groups and Task Forces, as well as the organisation and promotion of upcoming conferences.

Chair:  
**Slavica Ražić**

[www.euchems.eu/divisions/analytical-chemistry/](http://www.euchems.eu/divisions/analytical-chemistry/)



Chair:  
(until June 2019)  
**Iwona Maciejowska**



Chair:  
(from June 2019)  
**Rachel Mamlok-Naaman**

### Division of Chemical Education

The EuChemS Division of Chemical Education aims to promote chemical education research and practices in Europe, as well as improve dissemination of information. The Division runs biennial conferences and takes part in various initiatives including the development of the online course "Good Chemistry – Methodological, Ethical and Social Dimensions". The Division moreover developed a questionnaire on quality mark of pre-service chemistry teachers, focusing on learning outcomes and competences, both in didactics-pedagogy of chemistry achieve such goals.

[www.euchems.eu/divisions/chemical-education-2/](http://www.euchems.eu/divisions/chemical-education-2/)



Chair:  
**Ioannis Katsogiannis**

### Division of Chemistry and the Environment

The overall aim of the EuChemS Division of Chemistry and the Environment is to promote and support cooperation in the area of chemistry and the environment, identify important areas in science, technology and other human activities relevant to the subject, and to address aspects which need regulation, harmonisation, standardisation or codification, and to make recommendations as appropriate. The Division meets twice every year and is working on preparations for its upcoming Divisional Congress.

[www.euchems.eu/divisions/chemistry-and-the-environment-2/](http://www.euchems.eu/divisions/chemistry-and-the-environment-2/)



Chair:  
**Sonsoles Martín-Santamaría**

### Division of Chemistry in Life Sciences

The general aim of the EuChemS Division of Chemistry in Life Sciences is to promote active collaborations, maintain effective communication, and disseminate knowledge among chemists in Europe working in the broad area of chemistry for life sciences. The Division promotes scientific activities, conferences and networking opportunities for a subject at the frontier of chemistry, biology and biomedicine, with special emphasis in the science made by young researchers.

[www.euchems.eu/divisions/chemistry-in-life-sciences-2/](http://www.euchems.eu/divisions/chemistry-in-life-sciences-2/)



Chair:  
**Péter Szalay**

### Division of Computational and Theoretical Chemistry

The EuChemS Division of Computational and Theoretical Chemistry endeavours to demonstrate the pervasive nature of computer science and technologies to enhance research and education in chemistry, molecular, and materials sciences. The Division promotes the development of virtual research and education communities, and fosters collaborative activities between theoreticians and experimentalists, academics and professors, teachers and students.

[www.euchems.eu/divisions/computational-chemistry-2/](http://www.euchems.eu/divisions/computational-chemistry-2/)





Chair:  
**Marco Arlorio**

### Division of Food Chemistry

The EuChemS Division of Food Chemistry aims to represent food sectors of national chemical societies at the European level and to promote and harmonise teaching of food chemistry within food science across Europe, notably through conferences, technical roundtables, advanced schools and training activities. The Division also aims to actively participate in the policy debate and in giving feedback through EuChemS to European decision-makers. Advanced research in food composition, food authenticity, impact of technologies/processing, chemical/biochemical modifications in foods, additives and contaminants are the main fields of interest of the Division.

[www.euchems.eu/divisions/food-chemistry-2/](http://www.euchems.eu/divisions/food-chemistry-2/)



Chair:  
(until March 2019)  
**Nicholas Gathergood**



Chair:  
(from March 2019)  
**Ana Aguiar Ricardo**

### Division of Green and Sustainable Chemistry

The EuChemS Division of Green and Sustainable Chemistry aims at becoming the key forum for discussion and promotion of initiatives at the scientific, technical and political level to advocate the leading role of chemistry in green research. The main objective is to organise conferences, workshops, and disseminate the general principles of Sustainable Chemistry and research outputs to the general public, government and industry. The Division aims at the application of chemical tools to alleviate the negative effects of conventional chemical production transitioning towards more sustainable technologies as a means to achieve the United Nations Sustainable Development Goals (SDGs).

[www.euchems.eu/divisions/green-and-sustainable-chemistry-2/](http://www.euchems.eu/divisions/green-and-sustainable-chemistry-2/)



Chair:  
**Anna Trzeciak**

### Division of Inorganic Chemistry

The EuChemS Division of Inorganic Chemistry provides a forum for the interdisciplinary field of inorganic chemistry and its applications. The Division promotes the dissemination of inorganic chemistry through its biennial conference as well as dedicated initiatives and activities. It also supports high level education through specialised schools and the production of dedicated books and other publications.

[www.euchems.eu/divisions/inorganic-chemistry/](http://www.euchems.eu/divisions/inorganic-chemistry/)



Chair:  
**Jon Petter Omtvedt**

### Division of Nuclear and Radiochemistry

The EuChemS Division of Nuclear and Radiochemistry provides a platform for a network of scientists working in nuclear and radiochemistry across Europe to share ideas and cooperate on concrete projects. Cooperation with relevant supranational bodies such as IUPAC and IAEA, as well as with journals and newsletters provides a broad network reaching outside of Europe too. The main objective of the Division is to contribute to the advancement of nuclear and radiochemistry in Europe, and to harmonise education and training on the subject in Europe.

[www.euchems.eu/divisions/nuclear-and-radiochemistry-2/](http://www.euchems.eu/divisions/nuclear-and-radiochemistry-2/)



Chair:  
**Gianluca Farinola**

### Division of Organic Chemistry

The EuChemS Division of Organic Chemistry aims to promote Organic Chemistry in Europe in all the scientific and professional contexts. It supports networking among organic chemists, excellence in research and ethical values. The Division's hallmark activity is the creation of the Young Investigator's Workshop (YIW) to further promote and recognise academic excellence in organic chemistry within (and outside) Europe. In 2019, agreements were finalised with the American Chemical Society and the Canadian Chemical Society to support greater exchanges for the YIW. Further bilateral agreements with other societies worldwide are planned.

[www.euchems.eu/divisions/organic-chemistry-2/](http://www.euchems.eu/divisions/organic-chemistry-2/)



Chair:  
**Jan Čermák**

### Division of Organometallic Chemistry

The EuChemS Division of Organometallic Chemistry acts as an active, trusted and sustainable voice for all matters relating to the large and interdisciplinary field of fundamental and applied organometallic chemistry. The Division provides and coordinates activities such as congresses, schools and workshops for students and researchers. The Division also continues to present the European Prize for Organometallic Chemistry.

[www.euchems.eu/divisions/organometallic-chemistry-2/](http://www.euchems.eu/divisions/organometallic-chemistry-2/)



### Division of Physical Chemistry

The EuChemS Division of Physical Chemistry aims to strengthen the interaction of physical chemists throughout Europe. It supports Physical-Chemical conferences, workshops, and meetings. It aims to increase the networking and communication among its active division members. Through these, the Division tries to integrate and coordinate scientific activities - both national and international. The Division also provides support of physical chemical education and teaching, and pays special attention to the promotion of young scientists' careers.

Chair:

**Wolfgang Kautek**

[www.euchems.eu/divisions/physical-chemistry-2/](http://www.euchems.eu/divisions/physical-chemistry-2/)



### Division of Solid State and Materials Chemistry

The EuChemS Division of Solid State and Materials Chemistry covers a highly multidisciplinary area of research, which embraces major sub-disciplines of chemistry such as inorganic, organic, physical, theoretical and analytical chemistry, and bridges to physics and engineering. The Division aims to bring together the various sub-disciplines of the field and coordinate activities with existing national associations as well as with industry, solid state and materials chemistry being application-oriented.

Chair:

**Paul Attfield**

[www.euchems.eu/divisions/solid-state-and-materials-chemistry/](http://www.euchems.eu/divisions/solid-state-and-materials-chemistry/)



### Working Party on Chemistry and Energy

The EuChemS Division of Chemistry and Energy aims to become a key forum for discussion and promotion of initiatives at the scientific, technical, and political levels to advocate for the leading role of chemistry in contemporary energy research. It organises conferences and workshops on energy related topics in cooperation with other scientific, industrial and political stakeholders at the national and European level. The Division also aims to support activities, organise platforms, attract funding, enhance networking opportunities, and promote education related to energy and chemistry in Europe.

Chair:

**Aline Auroux**

[www.euchems.eu/divisions/chemistry-and-energy/](http://www.euchems.eu/divisions/chemistry-and-energy/)



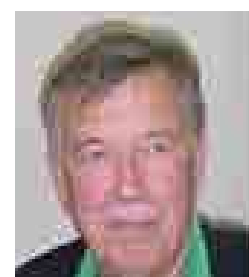
### Working Party on Chemistry for Cultural Heritage

The EuChemS Working Party on Chemistry for Cultural Heritage aims to create links the world over, as well as closely collaborate with the professional conservation community (e.g. IIC, ICOM-CC, ENCoRe...). It aims to motivate and assist national chemical societies in promoting the interest and knowledge of the relation between chemistry and cultural heritage in Europe. The Working Party has also provided EuChemS with feedback to answer European Commission consultations.

Chair:

**Rocco Mazzeo**

[www.euchems.eu/divisions/chemistry-for-cultural-heritage-2/](http://www.euchems.eu/divisions/chemistry-for-cultural-heritage-2/)



### Working Party on Ethics in Chemistry

The EuChemS Working Party on Ethics in Chemistry aims to assist in the propagation of ethical guidelines within the chemical community, and to help by dialectical reasoning in resolving controversies or dilemmas about the consequences, benefits and problems arising from the practice of chemistry. Towards this end, the Working Party intends to consult and cooperate with other public organisations such as the OPCW and national or European science-administrative bodies. A particular goal is to promote between chemical professionals a better understanding of the importance of ethical considerations in all areas of chemical research and applied chemistry by education. The Working Party worked throughout 2019 in the development of the EuChemS online course "Good Chemistry: Methodological, Ethical, and Social Implications".

Chair:

**Hartmut Frank**

[www.euchems.eu/divisions/ethics-in-chemistry/](http://www.euchems.eu/divisions/ethics-in-chemistry/)



### Working Party on History of Chemistry

The EuChemS Working Party on the History of Chemistry leads a number of projects to promote the history of chemistry and serves as a platform for international networking. Over the years, the international conference organised on a biennial basis has become a key event in the history of science community, bringing together chemists and historians from across Europe and beyond to investigate and discuss the latest research and reflections on a wide variety of aspects of the heritage and the history of the molecular sciences. The Working Party also contributes to EuChemS responses to EU-level consultations and to the Historical Landmarks Award as well as to the International Year of the Periodic Table.

Chair:

**Brigitte Van Tiggelen**

[www.euchems.eu/divisions/working-party-formulation-chemistry/](http://www.euchems.eu/divisions/working-party-formulation-chemistry/)





### Working Party on Formulation in Chemistry

The EuChemS Working Party on Formulation in Chemistry aims to become a European forum for cross-sectorial discussions between people from academia and industry on all topics where chemistry is a challenge for formulated products. A fundamental message underpinning the concept of formulations is that basic knowledge, colloidal chemistry and industrial operations are identical from one sector to another.

Chair:  
**Alain Durand**

[www.euchems.eu/divisions/history-of-chemistry-2/](http://www.euchems.eu/divisions/history-of-chemistry-2/)



### The European Young Chemists' Network (EYCN)

The European Young Chemists' Network is the young division of EuChemS. The goal of the EYCN is to provide a platform to exchange ideas, promote new projects and improve the visibility of chemistry. The EYCN aims to create new educational and networking opportunities for chemists at the early stages of their career, by promoting several awards, organising workshops and fostering exchange programmes to promote the mobility of its members. Through collaborating with industry and other young scientific societies around the world, the EYCN aims to tackle these ambitious goals.

The EYCN welcomed the Norwegian Chemical Society and the Croatian Chemical Society as new members this year. With Norway and Croatia, the EYCN has delegates and representatives in 28 countries (from 30 chemical societies).














If your society is a member of EuChemS, but doesn't have any young representative(s) in the EYCN, you can contact: [membership@eycn.eu](mailto:membership@eycn.eu)

[www.euchems.eu/divisions/european-young-chemists-network/](http://www.euchems.eu/divisions/european-young-chemists-network/)
















# MEMBER SOCIETIES AND SUPPORTING MEMBERS

## MEMBER SOCIETIES

	Osterreichische Gesellschaft für Analytische Chemie	<i>Austrian Society of Analytical Chemistry</i>
	Gesellschaft Österreichischer Chemiker	<i>Austrian Chemical Society</i>
	Съюза на химиците в България	<i>Union of Chemists of Bulgaria</i>
	Société Royale de Chimie	<i>Walloon Royal Society of Chemistry</i>
	Koninklijke Vlaamse Chemische Vereniging	<i>Royal Flemish Chemical Society</i>
	Hrvatsko Kemijsko Društvo	<i>Croatian Chemical Society</i>
	Παγκύπρια Ένωση Επιστημόνων Χημικών	<i>Pancyprian Union of Chemists</i>
	Česká 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 e. V. (DBG)	<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 תילארשיה הרבחה	<i>Israel Chemical Society</i>
	Consiglio Nazionale degli Ordini dei Chimici e dei Fisici	<i>Italian National Board of Chartered Chemists and Physicists</i>
	Società Chimica Italiana	<i>Italian Chemical Society</i>
	Association des Chimistes Luxembourgeois (ACHIL)	<i>Association of Luxembourgish Chemists</i>
	Сојуз на хемичарите и технолозите на Македонија	<i>Society of Chemists and Technologists of Macedonia</i>
	Hemijsko Društvo Crne Gore	<i>Chemical Society of Montenegro</i>
	Koninklijke Nederlandse Chemische Vereniging (KNCV)	<i>Royal Netherlands Chemical Society</i>
	Norsk Kjemisk Selskap – NKS	<i>Norwegian Chemical Society</i>
	Polskie Towarzystwo Chemiczne	<i>Polish Chemical Society</i>
	Sociedade Portuguesa de Química	<i>Portuguese Chemical Society</i>
	Sociedade Portuguesa de Electroquímica	<i>Portuguese Electrochemical Society</i>
	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	<i>Russian Scientific Council on Analytical Chemistry</i>
	Српско хемијско друштво (СХД)	<i>Serbian Chemical Society</i>
	Slovenská chemická spoločnosť	<i>Slovak Chemical Society</i>
	Slovensko Kemijsko Društvo	<i>Slovenian Chemical Society</i>
	Real Sociedad Española de Química	<i>Spanish Royal Society of Chemistry</i>
	Sociedad Española de Química Analítica (SEQA)	<i>Spanish Society for Analytical Chem- istry</i>
	Asociación Nacional de Químicos de España (ANQUE)	<i>ANQUE</i>
	Societat Catalana de Química	<i>Catalan Chemical Society</i>
	Svenska Kemisamfundet	<i>Swedish Chemical Society</i>
	Schweizerische Chemische Gesellschaft - Société Suisse de Chimie	<i>Swiss Chemical Society</i>
	Türkiye Kimya Derneği	<i>Turkish Chemical Society</i>
	Royal Society of Chemistry	<i>UK Royal Society of Chemistry</i>

## SUPPORTING MEMBERS

	European Nanoporous Materials Institute of Excellence (ENMIX)
	European Chemistry Thematic Network Association (ECTN)
	Fraunhofer Institute for Interfacial Engineering and Biotechnology (IGB)
	European Federation of Managerial Staff in the Chemical and Allied Industries (FECCIA)
	European Research Institute of Catalysis (ERIC)
	European Federation for Medicinal Chemistry (EFMC)

## PARTNERS AND OBSERVERS

	IUPAC - International Union of Pure and Applied Chemistry
	ACS - American Chemical Society
	EPS - European Physical Society
	CNR - Italian National Research Council



# EuChemS Chemistry Congress

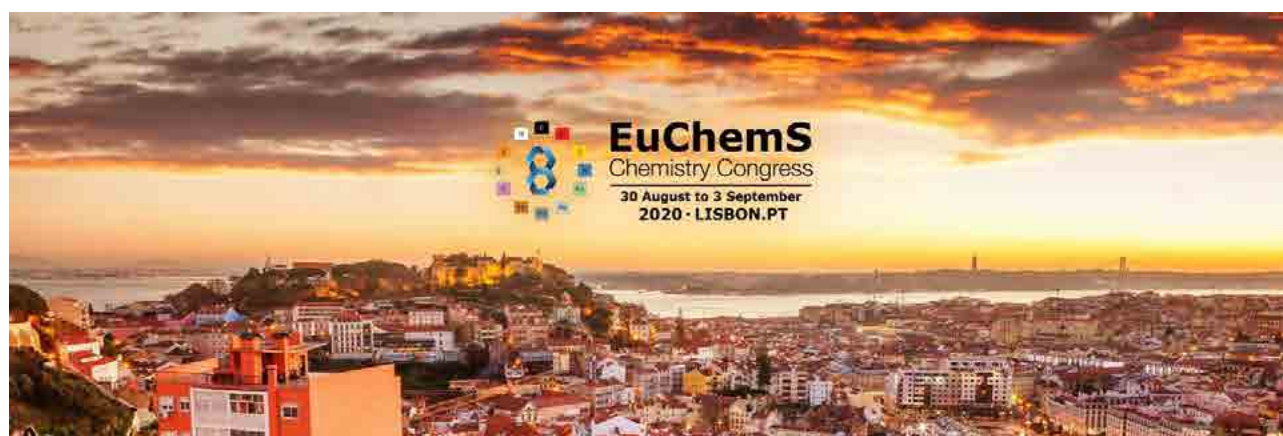
**30 August to 3 September  
2020 • LISBON.PT**

The Portuguese Chemical Society (SPQ), with the support of the Portuguese Electrochemical Society (SPE), has the great pleasure of organizing the 8<sup>th</sup> EuChemS Chemistry Congress (ECC8), to be held in Lisbon, Portugal, from August 30 to September 3, 2020.

The 8<sup>th</sup> EuChemS Chemistry Congress is being built under the unifying theme of Chemistry the Central Science, focusing on the central role of chemistry at the interfaces with biology, material and environmental sciences, both for the progress of humankind and for the solution of fundamental problems of modern societies. An exciting scientific program led by world class experts will develop around seven main scientific topics.

This conference will be the 8<sup>th</sup> in a series that started in Hungary, and was held in several cities before reaching Lisbon. All of them reached very high scientific levels, giving to all the participants the opportunity of listening to the most celebrated world speakers presenting state of the art advances in chemical sciences and to discuss openly with the chemistry community.

Register your interest in the  
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