



# Working in EuChemS

**Susanne Wiedmer**  
Professor of Analytical Chemistry



## EuChemS representative

-National representative of Finland in EuChemS  
Division of Chemical Education (DivCEd) since 2016

## IUPAC representative

-National representative of Finland in IUPAC Committee on  
Chemistry Education (CCE) since 2016  
→ elected as Titular member for 2022-2023

-National representative of Finland in IUPAC Division for  
Analytical Chemistry (Div V) since 2018  
→ elected as Titular member for 2020-2023





# EuChemS

EuChemS, the European Chemical Society, is an umbrella organization representing national Chemical Societies and other chemistry-related organizations in Europe

- ❖ 1970; founded as the Federation of European Chemical Sciences (FECS)
- ❖ 2004; changed to EuCheMS, the European Association for Chemical and Molecular Sciences
- ❖ 2018; a new name, acronym and logo was adopted: EuChemS, the European Chemical Society



# EuChemS

Representation: over 160 000 chemists from 50 member societies and other chemistry-related organizations, from 34 countries

## *Aim:*

- ❖ serve as a platform for scientific discussions
- ❖ networking
- ❖ provide a single, unbiased European voice on key policy issues in chemistry and related fields
- ❖ organize specialized academic conferences and the biannual EuChemS Chemistry Congress, the European congress of chemical sciences

Spanish Royal Society of Chemistry  
Spanish Society for Analytical Chemistry  
National Association of Chemists and Chemical Engineers of Spain  
Catalan Chemical Society



# EuChemS

## ❖ 19 different divisions

- Division of Analytical Chemistry (Chair: Marcela Segundo)
- Division of Chemical Education (Chair: Rachel Mamlock-Naaman)
- Division of Chemistry and Energy (Chair: Aline Auroux)
- Division of Chemistry and the Environment (Chair: Ioannis Katsoyiannis)
- Division of Chemistry in Life Sciences (Chair: Sonsoles Martín Santamaría)
- Division of Computational and Theoretical Chemistry (Chair: Tanja van Mourik)
- Division of Food Chemistry (Chair: Joana Amaral)
- Division of Green and Sustainable Chemistry (Chair: Ana Aguiar Ricardo)
- Division of Inorganic Chemistry (Chair: Yulia Gorbunova)
- Division of Nuclear and Radiochemistry (Chair: Marko Štok)
- Division of Organic Chemistry (Chair: Patrick Guiry)
- Division of Organometallic Chemistry (Chair: Martin Albrecht)
- Division of Physical Chemistry (Chair: Wolfgang Kautek)
- Division of Solid State and Materials Chemistry (Chair: Paul Attfield)
- Working Party on Chemistry for Cultural Heritage (Chair: Elena Badea)
- Working Party on Ethics in Chemistry (Chair: Anca Silvestru)
- Working Party on Formulation in Chemistry (Chair: Alain Durand)
- Working Party on the History of Chemistry (Chair: Annette Lykknes)
- European Young Chemists' Network (Chair: Maximilian Menche)



# EuChemS

## Division of Chemical Education

The EuChemS Division of Chemical Education has two goals:

- to look for new activities to promote chemistry education research and practice in Europe
- to improve the dissemination of information between countries

Rachel Mamlok-Naaman  
Chemical Society *Israel*  
CHAIR



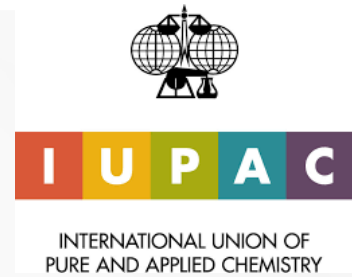


## Division of Chemical Education

- ❖ EuChemS DivCEd delegate list from February 2022: delegates from 26 countries
- ❖ ECRICE 2022 (15 European Conference on Research in Chemical Education) Chemistry Teaching and Learning in a Global Unified World; face-to-face conference at the Weizmann Institute of Science, Rehovot, Israel, July 11-13, 2022
- ❖ The next DivCEd meeting will take place on June 28<sup>th</sup> 2023 at the EuroVariety conference in Tartu, Estonia
  - ❖ EuroVariety: 10<sup>th</sup> European Variety in University Chemistry Education 2023; June 28-30, 2023



# IUPAC



## IUPAC Division for Analytical Chemistry (Div V)

- one of IUPAC's eight divisions
- provides objective scientific expertise and develops essential tools of analytical chemistry
  - e.g., publishing reports and recommendations, evaluating chemical data, organizing international scientific events, awarding outstanding chemists, having joint activities with other IUPAC bodies
- lots of projects (Div V leading or as a partner); research projects since 1981





## Division for Analytical Chemistry (Div V)



I U P A C

INTERNATIONAL UNION OF  
PURE AND APPLIED CHEMISTRY

### **Fourth Edition of the Orange Book**

The Fourth Edition of the Orange Book, formerly known as the Compendium of Terminology in Analytical Chemistry, was published on January 27<sup>th</sup>, 2023 by the Royal Society of Chemistry. The work is based on Recommendations and Technical Reports published in Pure and Applied Chemistry during the period 2013-2021.

### **Emeritus Fellows**

D. Brynn Hibbert became the first Emeritus Fellow of the Analytical Chemistry Division in 2021 in recognition of his standing as a scientist and his leadership and continuing service in IUPAC since 2001.



## Committee on Chemistry Education (CCE)



I U P A C

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*CCE attempts to coordinate the educational interests of IUPAC bodies with activities throughout the world.*

CCE current priorities are

- Collaboration (both inside and outside of IUPAC);
- Promoting evidence-based teaching practices and innovations for high-quality chemistry education;
- Supporting chemistry education initiatives; understanding environmental, ethical, and social responsibility issues related to chemistry;
- Supporting initiatives aimed at integrating the principles of sustainable development in chemistry education;
- Supporting chemistry education in developing countries

# Committee on Chemistry Education (CCE)



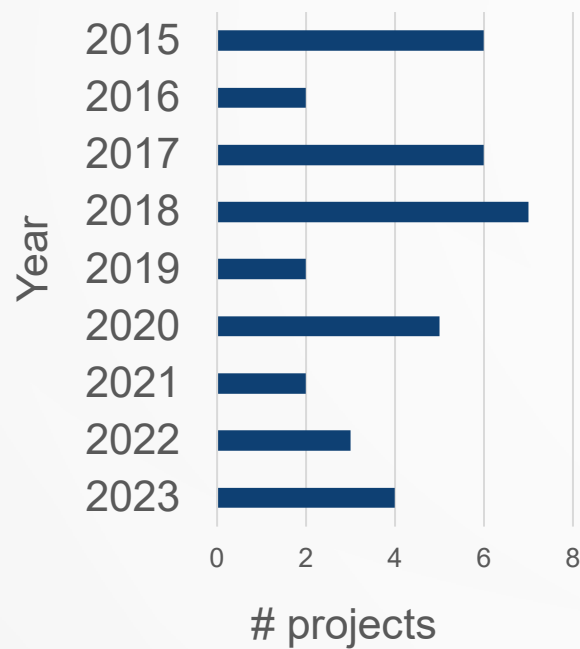
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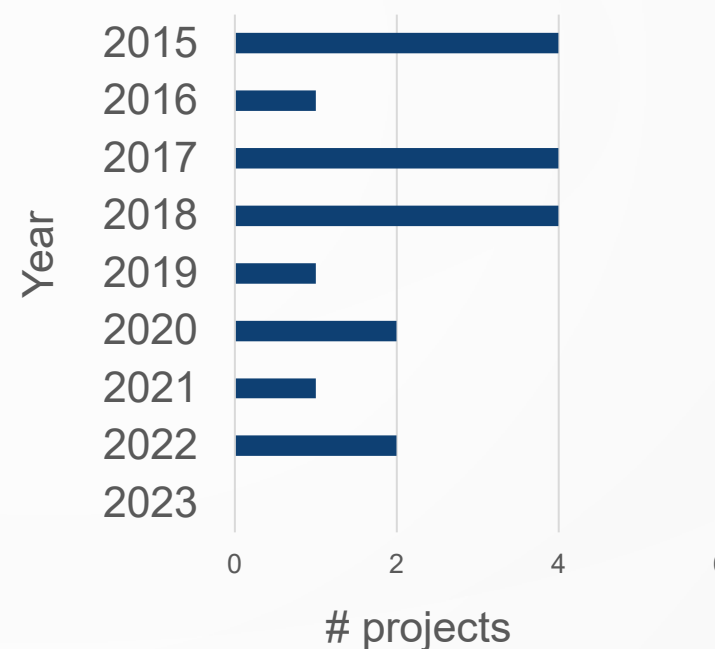
Research projects since 1981

Activities related to promoting new projects:

## CCE as a project leader



## CCE as a partner





IUPAC|CHAINS2023



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The 52<sup>nd</sup> IUPAC General Assembly (18-25 August 2023) and the 49<sup>th</sup> IUPAC World Chemistry Congress combined with the 11th edition of CHAINS, the largest chemistry congress from the Netherlands (20-25 August 2023)