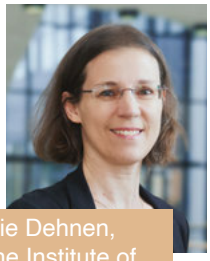
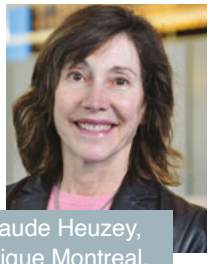
Yu-Ju Chen Institute of Chemistry, Academia Sinica, China/Taipei



Stefanie Dehnen, Karlsruhe Institute of Technology, Germany

Hemda Garelick, Middlesex University, UK



Marie Claude Heuzey, Polytechnique Montreal, Canada

Young-Shin Jun, Washington University, USA

Tanja Junkers, Monash University, Australia

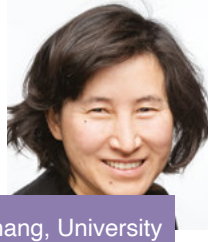
Zhang Lin, Central South University, Yuelu District, Hunan, China/Beijing

Zhimin Liu, Chinese Academy of Sciences, China/Beijing

Jane Ngila, African Foundation for Women & Youth in Education, Kenya

Ah-Hyung “Alissa” Park, University of California, Los Angeles, USA

Vivian Wing-Wah Yam, The University of Hong Kong, China



Xuehua Zhang, University of Alberta, Canada

Awardees of the IUPAC 2025 Distinguished Women in Chemistry or Chemical Engineering

To celebrate International Day of Women and Girls in Science on 11 February, IUPAC is pleased to announce the recipients of the IUPAC 2025 Awards for Distinguished Women in Chemistry or Chemical Engineering:

- Yu-Ju **Chen**, Institute of Chemistry, Academia Sinica, China/Taipei
- Stefanie **Dehnen,** Karlsruhe Institute of Technology, Germany
- Hemda **Garelick,** Middlesex University, London, United Kingdom
- Marie-Claude **Heuzey,** Polytechnique Montréal, Canada
- Young-Shin **Jun,** Washington University in St. Louis, Missouri, USA
- Tanja **Junkers,** Monash University, Melbourne, Australia
- Zhang **Lin,** Central South University, Yuelu District, Hunan, China/Beijing
- Zhimin **Liu,** Institute of Chemistry, Chinese Academy of Sciences, China/Beijing

- Jane Catherine **Ngila,** The African Foundation for Women and Youth in Education, Science, Technology & Innovation, Nairobi, Kenya
- Ah-Hyung Alissa **Park,** UCLA Samueli School of Engineering, University of California, Los Angeles, USA
- Vivian W.W. **Yam,** The University of Hong Kong, Hong Kong, China
- Xuehua **Zhang,** University of Alberta, Edmonton, Alberta, Canada

The awards program, initiated as part of the 2011 International Year of Chemistry, was created to acknowledge and promote the work of women chemists and chemical engineers worldwide. Each year since 2011, the award has gained increasing attention in the global community. The twelve awardees for 2025 have been selected based on excellence in basic or applied research, distinguished accomplishments in teaching or education, or demonstrated leadership or managerial excellence in the chemical sciences, with a particular focus on leadership and community service. The awards presentation will be held during the IUPAC World Chemistry Congress in Kuala Lumpur, Malaysia, in July 2025.

Mark Cesa, 2014-2015 President of IUPAC and Chair of the IUPAC Committee for Ethics, Diversity, Equity and Inclusion, says, "IUPAC is delighted to recognize the 2025 class of recipients of the IUPAC Awards for Distinguished Women in Chemistry or Chemical Engineering. This class of awardees, selected from a highly accomplished set of women chemists and chemical engineers from around the world, is distinguished by not only the extraordinarily high quality of their research but also by their commitment to leadership as educators, editors and public servants. IUPAC acknowledges the impressive contributions of all of the nominees and congratulates the recipients of this year's Awards. Their careers are inspiring to everyone, and we look forward eagerly to their continued success."

The International Day of Women and Girls in Science is a global day celebrating achievement and promoting full and equal access to and participation in science for women and girls. The day marks a call to action for gender equality and the empowerment of women and girls. The year 2025 is also the International Year of Quantum Science and Technology. IUPAC is celebrating both of these global initiatives with a Global Women's Breakfast networking event (www.iupac.org/gwb/), to be held on February 11, 2025 on the theme of "**Accelerating Equity in Science**."

https://iupac.org/awardees-of-the-iupac-2025-distinguished-women-in-chemistry-or-chemical-engineering/

Paolo Franzosini Prize and Christo Balarew Award 2024

In 2024, the Franzosini Prize was presented to Cezary Gumiński and to Christian Ekberg, and the very first Balarew Award was presented to Märt Lõkov

Franzosini Prize

In the year of 2024 two Franzosini Prizes were given to

- **Cezary Gumiński** from the University of Warsaw, Poland, and to
- **Christian Ekberg** from the University of Göteborg in Sweden

The winners of the Franzosini Prize were announced during the International Symposium on Solubility Phenomena and Related Equilibrium Processes (ISSP21) and each gave an oral presentation. Cezary Gumiński spoke about "My adventures with the solubility data," while Christian Ekberg spoke about "Uncertainty and sensitivity analysis of chemical modelling and experiments."

Cezary Gumiński is a Polish chemist who studied and completed his entire academic career at the University of Warsaw, Department of Chemistry. The first time he attended a meeting of the Solubility Data Commission (IUPAC Commission V. 8) was during the IUPAC General Assembly held in Lyngby, Denmark, in 1983, where he was Observer Member. He has been an active member of IUPAC since 1984, with an extraordinary contribution, having edited and/or contributed to nine volumes of the Solubility Data Series, and a tenth one is being prepared now. In recent years, he has also been involved in the critical evaluation of homogeneous systems equilibrium data. The critical evaluation of solubility data covered a wide range of systems of technological and scientific interest, such as metals in mercury and liquid alkali metals, or rare earth metal salts in water and aqueous solutions. In the last ten years, he is also participating in the critical evaluation of stability constant data for metal-ion/tetraoxidosulfate complexes in homogeneous solutions. As part of this project, led by Glenn Hefter, a Technical Report was submitted in 2024 for publication in *Pure and Applied Chemistry*, with a critical analysis of more than 400 data solely on the ionization constants of sulfuric acid.