

“Power of Chemistry Education
for Advancing **SDGs**”



SYMPOSIUM E:

Systems Thinking in Chemistry for Sustainability

July 16-17, 2024

(July 16, 2024 for Poster Presentation)

Part 1: Education



Co-Chairs

Peter G Mahaffy (Canada)
Seamus Delaney (Australia)

Part 2: Industry



Co-Chairs

Stephen Matlin (UK)
Régis Réau (France)

Systems thinking is a holistic approach that focuses on how a system's constituent parts interrelate and how systems work over time and within the context of larger systems. In the last few years, chemistry has begun to embrace systems thinking, expanding its approach to sustainable development beyond the borders of green, sustainable, and circular chemistry. The IUPAC projects Systems Thinking in Chemistry for Sustainability: Toward 2030 and Beyond (STCS 2030+, 2020-2024) and Systems Thinking in Chemistry Education (2017-2019), co-supported by the International Organization for Chemical Sciences in Development, recognize that systems thinking is a vital tool to assist chemistry to make connections with Earth and societal systems. The projects have demonstrated a positive impact on strengthening chemistry as a sustainability science, by incorporating systems thinking as a fundamentally important approach to support integrating human needs and science in the service of planetary sustainability.

This symposium has two parts: The first focuses on new directions in systems thinking in chemistry education, and the second on systems thinking in industry. A group of speakers with experience in education and industry will present their perspectives and engage in discussion with the audience, in a panel discussion, focusing on how chemists in education, research and industry can contribute to sustainability.

This joint symposium invites education- and industry-based practitioners to share experience and perspectives with the global chemistry community.

Registration is now available



www.icce2024thailand.com

ATTENTION

- 1.) All poster presentations will be on July 16, 2024 at 17:40-21:00 (with a cocktail reception)
- 2.) Scholarships (to cover the conference registration fee) for school teachers and students have been offered.
- 3.) A one-day registration fee rate is available.