

# Call for Participating Students

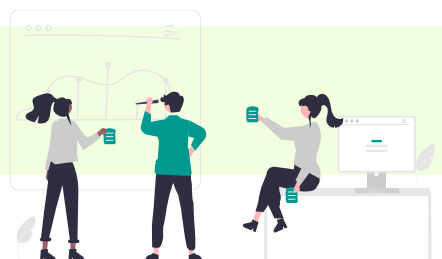
## SDGs Special Event at WCCE/APCChE2025

SCEJ will host the SDGs Forum - Research Proposal on SDGs from Youth in WCCE/APCChE2025, which has been taking after the Sapporo Declaration "Declaration on the United Nations SDGs at Sapporo 2019 - Chemical Engineering for Human Well-Being." The previous Students' Programs took place in APCChE2019, 2022, and 2023.

In this event, students will join a weekly online seminar, learn from the lectures on "chemical engineering for SDGs" by professional advisors from various fields, and **generate bottom-up research proposals related to SDGs** through international online collaborations. Then, students will present their proposals at the SDGs event in WCCE/APCChE2025 in Beijing, and discuss with participants how to collaborate and contribute to the achievement of SDGs through partnership. This is a unique opportunity for students to learn to collaborate internationally and generate research proposals.

### Timeline

<b>Jan. 2025</b>	Call for participating students
<b>Mar. 2025</b>	Kickoff online meeting and group formation Weekly seminars: Lecture by adviser (20 min) + QA + Group work (60 min)
<b>May. 2025</b>	Midterm online presentation (exchange ideas & improve proposals) Weekly seminars: Lecture by adviser (20 min) + Group discussion (60 min)
<b>Jul. 2025</b>	Final online presentation (rehearsal for the event day)
<b>Jul. 17, 2025</b>	SDGs Forum Event at Beijing Invited lectures, Proposals from the students, Participatory workshop, and Summary



### Application to the event

Please sign up for participation by **Feb. 28, 2025** via the linked Google form or Wechat form.



[Google form](#)



[WeChat form](#)



## Lectures in weekly online seminars



- **Challenges and Opportunities in Promoting Green Technologies in the Asian Region** by Fukuya Iino (UNIDO)
- **Circular Economy: Key Concepts and Practical Applications** by Zih-Ee Lin (National Cheng Kung University)
- **Climate Change and Marine Litter Implication of Bio-Based and Biodegradable Polymers** by Eri Amasawa (Waseda University)
- **Energy Systems Modelling for the Clean Transition** by Joey D. Ocon (University of the Philippines Diliman)
- **Evaluation of Blue Carbon Sequestration Potential of Macroalgae Cultivation Systems Using LCA Approach** by Yulina Hane (The University of Tokyo)
- **From Efficiency to Sufficiency for Sustainability – Consideration and Trials on Renewable Energy** by Suguru Noda (Waseda University)
- **Green Process Value Chains** by Bernd Albert Sachweh (International Panel of Mesoscience & Chinese Academy of Sciences)
- **Harvesting Energy from Waste: Unlocking Sustainable Solutions for a Cleaner and Greener Future** by NoorAshrina A Hamid (Universiti Sains Malaysia)
- **Life Cycle Design of New Product for Sustainability** by Heng Yi Teah (The University of Tokyo)
- **Multiphase Continuous Flow Reactors: A Safe and Precise Approach to Manufacturing** by Satoko Fujioka (Keio University)
- **Multi-scale simulation framework for waste mixed plastics: from molecular dynamics to reactor modeling** by Zheng Mo (Chinese Academy of Sciences)
- **Preparation of SWCNT Composites for Thermoelectric Devices and Their Application to Clean Energy** by Zhongming Chen (Dongguan University of Technology)
- **Utilization of Unused Resources for Conserving Marine Ecosystem** by Mitsuo Yamamoto (The University of Tokyo)



## Our previous events:

[In APCChE 2019 in Japan](#)

[In APCChE 2022 in Malaysia](#)

[In APCChE 2023 in Philippines](#)



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group work

