Science Tokyo 国際原子力人材イニシアティブ事業
原子力イノベーター養成プログラム
Science Tokyo Nuclear Innovator Cultivation Program

2025/04/23

NUCLEAR INNOVATOR CULTIVATION CAMP: NICC2025

PROGRAM

SUBJECT TO CHANGE

TUESDAY, JULY 29, 2025

	Get together at Science Tokyo Ookayama Campus
09：30	Opening Ceremony
	Orientation
10：00	Keynote Lecture
	Current Status and Future of Nuclear Development in Japan（tentative title）
	Dr. UESAKA, Mitsuru, Chairperson, Japan Atomic Energy Commission
12：00	Lunch Break
13：30	Groupwork [Theme 1]
16：00	Presentation [Theme 1]
18：00	Socialization
	Dismiss and return home/to the hotel

WEDNESDAY, JULY 30, 2025

	Get together at Science Tokyo Ookayama Campus
10：00	Lecture 1
	Current Status and Challenges of R&D for Decommissioning of Fukushima Daiichi Nuclear Power Station
	Mr. OKUZUMI, Naoaki, Senior Manager, Planning and Administration Department, International Research Institute for Nuclear Decommissioning (IRID)
11：50	Assignment of Group Work Theme 2
12：00	Lunch Break
15：30	Head to Fukushima by bus（departure from Ookayama Campus）
19：30	Check-in at the hotel in Fukushima

THURSDAY, JULY 31, 2025

08：30	Check-out at the hotel
09：00	Visit Fukushima Daiichi NPP

14：00	Head to Tokyo
18：00	Arrive in Tokyo
	Dismiss and return home/to the hotel

FRIDAY, AUGUST 1, 2025

	Get together at Science Tokyo Ookayama Campus
10：00	Groupwork [Theme 2]
12：00	Lunch Break
13：30	Presentation [Theme 2]
15：00	Laboratory for Zero-Carbon Energy Tour
17：00	Dismiss and return home/to the hotel

MONDAY, AUGUST 4, 2025

	Get together at Science Tokyo Ookayama Campus
10：00	Lecture 2
	Overview of Floating Nuclear Power Generation System (tentative title) Mr. ANEGAWA, Takafumi, Founder & CEO, Advanced Float Co. Ltd
12：00	Lunch Break
13：00	Groupwork [Theme 3]
17：00	Dismiss and return home/to the hotel

TUESDAY, AUGUST 5, 2025

	Get together at Science Tokyo Ookayama Campus
10：00	Groupwork [Theme 3] （Continued from the previous day）
12：00	Lunch Break
13：00	Lecture 3
	From Lab to the World: Exploring Energy x Startup through Six Years of Kyoto Fusioneering Dr. TAKEDA, Shutaro, Co-founder and Chief Strategist of Kyoto Fusioneering Ltd. / Director, KMD Research Institute Fusion Industry Research Center
15：00	Presentation [Theme 3]
17：00	Completion Ceremony
18：00	Socialization
	Dismiss and return home/to the hotel

GROUP WORK

Groups of three people will discuss given topics and make presentations on the results of the discussion.

One of the members in each group is supposed to be a guest student from the US and the others be participants from Japan.

THEMES OF GROUP WORK

[THEME 1]

Nuclear Reactors developed to date

- Each group examines the development status of innovative reactors currently under development, and presents the current status of development and future challenges. Reactor types will be assigned to each group (target types include sodium-cooled fast reactors, high-temperature gas-cooled reactors, lead-cooled fast reactors, gas-cooled fast reactors, supercritical water reactors, molten salt reactors, SMRs, etc.).

[THEME 2]

What is necessary to complete the decommissioning of the Fukushima Daiichi NPP？

- Based on lectures on decommissioning technology for the Fukushima Daiichi NPP and fieldwork conducted on-site, each group discusses and presents the technical developments required to safely complete its decommissioning.

[THEME 3]

Proposing nuclear power startups

- Each group proposes a startup company that will undertake new business in the nuclear power field and presents it with the business objectives, business details, appeals, business plan, budget, and revenue forecasts.