

Notice

One-day International Seminar for NINJA4CARE

Akashi Laboratory of the Department of Architecture is participating in a project called Norway-ChINA-JAPAN-South Korea network for smart, safe and sustainable healthcare (NINJAS4CARE). This project will build a network of universities, hospitals and technology vendors in Norway, China, Japan and South Korea, for strengthening partnerships within higher education and research in applying smart and intelligent technologies for safe and sustainable healthcare. The professors, researchers and students from Norwegian University of Science and Technology (NTNU), which is leading this project, will visit the University of Tokyo (UTokyo), and we will hold the One-day International Seminar in conjunction with their visit. Anyone affiliated with the UTokyo are welcome, so please participate if you are interested.

[Date & Time] 9:00-17:00, 21st, Oct. 2022

[Place] Haseko-Kuma Hall, Faculty of Engineering Bldg. No.11

[Theme] Sustainable design and operation of energy system for Carbon Neutrality and Business Continuity Planning in hospital buildings

[Organizers] Norwegian University of Science and Technology (NTNU), The University of Tokyo (UTokyo)

[Method] Face-to-face only

[Contact] Shohei Miyata, miyata@arch1.t.u-tokyo.ac.jp, Asst.Prof., Utokyo

[Program]

Time	Presentation	Name, Position, Affiliation
09:00-09:10	Greetings	Yasunori Akashi, Prof., UTokyo
09:10-09:20	Greetings	Vojislav Novakovic, Prof., NTNU
09:20-09:30	NINJAS4CARE project and partner introduction	Coordinated by Yiliu Liu, Prof., NTNU
09:30-10:00	Research activities of NTNU in sustainable healthcare	Vojislav Novakovic (see above) Yiliu Liu (see above) Wenche Karin Malmedal, Prof., NTNU
10:00-10:20	Data platform and data-driven for smart buildings	Shohei Miyata, Asst. Prof., UTokyo
10:20-10:30	Q&A	
10:30-10:40	Break	
10:40-11:00	Energy efficient airflow distribution methods for surgical micro-environment control in operating rooms	Liv-Inger Stenstad, Research coordinator, NTNU Yang Bi, PhD student, NTNU
11:00-11:20	Off-grid renewable building energy system for BCP	Yuan Gao, PhD student, UTokyo
11:20-11:40	NTNU Global health program and expanding surgical services in low-resource settings	Håkon Angell Bolkan, Assoc. Prof. and surgeon, NTNU
11:40-11:50	Q&A	
11:50-15:00	Lunch and campus tour	
15:00-15:45	Actual design, Carbon Neutral and BCP concepts of hospital facilities	Satoko Haneda, designer for building services, Nihon Sekkei
15:45-16:30	A brief history of hospital planning in Japan	Yuji Matsuda, Assoc. Prof., UTokyo
16:30-16:40	Q&A	
16:40-16:50	Closing addresses	Yasunori Akashi (see above) Vojislav Novakovic (see above) Yiliu Liu (see above)
16:50-17:00	Taking group photos	