

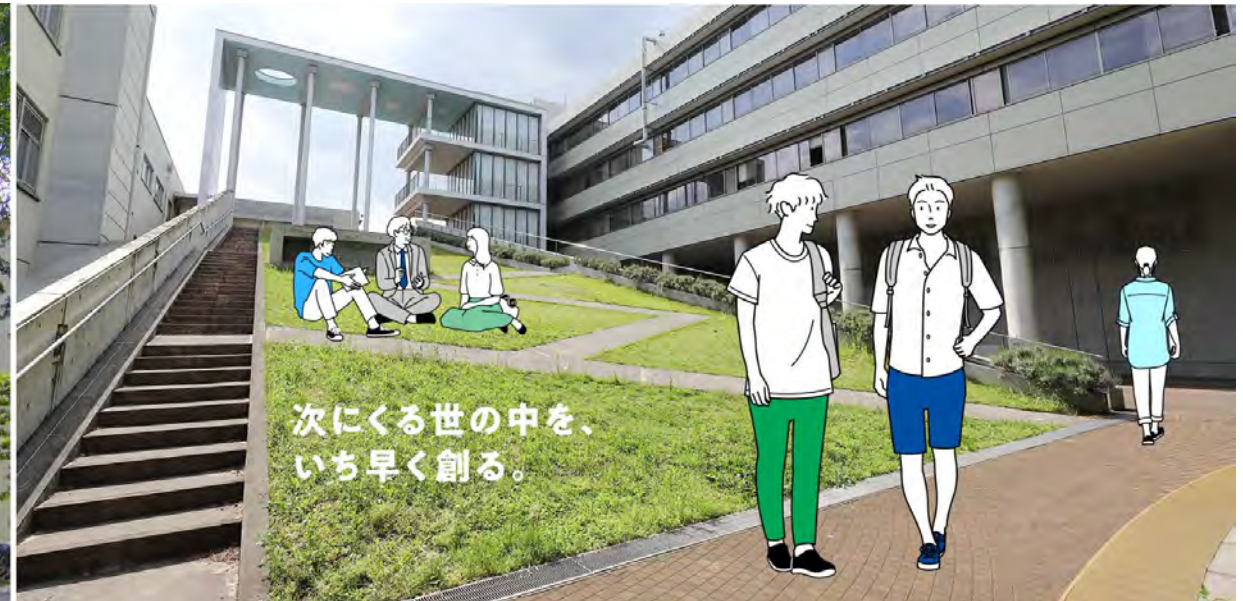
7. プログラム内海外研修 (FLOuRISH)



国立大学法人東京農工大学

未来価値創造研究教育特区

FLOuRISH



1. Overview

Target	Doctoral (10 fellows)
Place	Federal Republic of Germany
Period	10/8 – 10/16
Requirement	Business Level English
Cost	Flights, accommodation, trains covered by TUAT



2. TUM

Founded 1868

School of

- Engineering and Design
- Natural Science, Life Science,
- Medicine and Health
- Computation, Information, and Technology
- Social Science and Technology etc.



3. UFZ

Founded 1991

Research Units (departments)

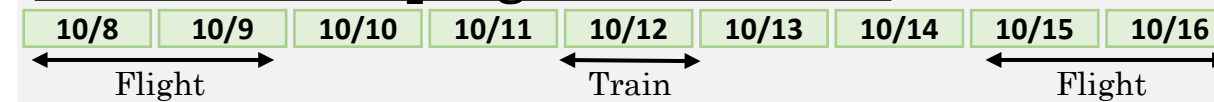
- Ecosystems of the Future
- Water resources and Environment
- Chemicals in the Environment
- Sustainable Ecotechnologies
- Smart Models / Monitoring
- Environment and Society



4. 2024 Schedule

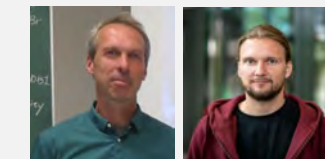
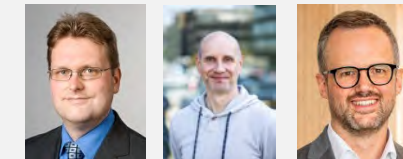
June	Open to Call
July	Selected
August	Pre-program with German side to arrange workshops by fellows
September	
October	Main program: lectures and workshops at TUM and UFZ

5. 2024 Main program schedule



Self-arranged by fellows what to discuss @TUM

COI-NEXT workshops @UFZ



- Prof. Dr. Heinz Bernhardt, School of Life Science Agricultural Systems Engineering, TUM
- Dr. Martin Haslbeck, School of Natural Science, Biotechnology, TUM
- Prof. Dr. Magnus Frohling, Circular Economy, TUM
- Prof. Dr. Lorenz Adrian, Department Head, Department of Environmental Biotechnology, UFZ
- Dr. Fabian Brandenburg, Molecular Biology of Cyanobacteria, UFZ

1. Overview

Target	Doctoral, master with undergraduates
Place	Rotation (@NKUST, 2023 @TUAT, 2024)
Period	End of August (planned)
Requirement	Intermediate English
Cost	Flights, Accommodation, trains covered by TUAT



2023 Topic: "Proposing interdisciplinary solutions by CO2 reduction or energy saving to reach environmental sustainability"

3. 2023 Case

July 10	#Pre-program online : learning topic and meeting NKUST
↕	#Preparation for on site main program
July 27	#Flight to Taiwan; Visit to Tang Prize @Taipei
July 28~29	#Main Program started @NKUST. Visit to CIEE Lectures on environmental sustainability, design thinking, Workshop on creating water vehicle robot, problem solving, creating proposal and presentation.
July 30	#Exploring urban, sea port renovation of sustainability
July 31	#Exploring Taipei / Flight back to Tokyo

2. NKUST (@高雄・台湾)

The university was formed in 2018 by a merger of 3 universities of science and technology, located in the sunny and industrial southern Taiwan. It is renown in offering innovation related courses to all its departments, providing education and training programs for venture creation as well as building incubation environments to support startups.



4. 2024 Schedule and Plan

May ~June	#Registration, Selection & Orientation
July	#Pre-program is one-day online workshop, meeting the counterpart members and understand the study topic, meanwhile preparing for the main program
August	#Main program is three-day on-site workshops of working on problem solving, creating proposal and presenting it, with field visits related to the main topic

2024 Plan: This joint program provides the place for multi-disciplinary training to have students from diverse backgrounds, gathering together to discuss their research topics and proposing an interdisciplinary solution in the designated given topic, such as SDGs, Net Zero , AI etc. (TBD)