

Carbon Cultivation to the World

DATE

2026.1.28 Thr 8:50-16:40

VENUE

29 Fri 9:00-14:50
West Tokyo Joint Center for Sustainability Research and Implementation
(TUAT∞MUSASHI ENG, INNOVATION CENTER)

*see next page for presentation details.

DAY1

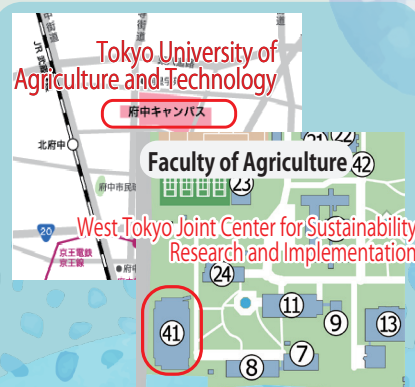
8:50-9:00	Introduction
9:00-9:20	1.Heri Hermansyah
9:20-9:40	2.Hiroko MATSUO
9:40-10:00	3.Danny Otto
10:00-10:20	4.Motoshi Hiratsuka
10:20-10:40	Coffee Break
10:40-11:00	5.Ryota Kose
11:00-11:20	6.Prakit SUKYAI
11:20-11:40	7.Yuka Kojima
11:40-12:00	8.Micah Benize S
12:00-13:00	Lunch & Discussion
13:00-13:20	9.Hamim
13:20-13:40	10.Shafiqullah Aryan
13:40-14:00	11.Satoshi Nakaba
14:00-14:20	12.Kannika SAJJAPHAN
14:20-14:40	13.Muhammad Sahlan
14:40-15:00	Coffee Break
15:00-15:20	14.Silvia Schrey
15:20-15:40	15.Hiroyuki Kasahara
15:40-16:00	16.Takashi Yoyofuku
16:00-16:20	17.Shohei Riya
16:20-16:40	18.Kemas Ridwan Kurniawan
16:40-17:10	Innovation Center Tour
17:40-19:30	Discussion on dinner

DAY2

9:00-9:20	19.Qian Eika W
9:20-9:40	20.Shinji Kanehashi
9:40-10:00	21.Nuwong CHOLLACOOP
10:00-10:20	22.Guoqing Guan
10:20-10:40	Coffee Break
10:40-11:00	23.Yoshiki Horikawa
11:00-11:20	24.Donludee JAISUT
11:20-11:40	25.Yohei Okada
11:40-12:00	26.Darja Deobald
12:00-13:00	Lunch & Discussion
13:00-13:20	27.Rino Rakhmata Mukti
13:20-13:40	28.Haruhiko Teramoto
13:40-14:00	29.Johannes G. Rebelein
14:00-14:20	30.Yu-Jen Lee
14:20-14:40	31.Akihiko Terada
14:40-14:50	Conclusion

Access

Apply



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Application deadline :
 2026/1/15(Thr) 5:00 PM
 *limited to the first 20 applicants

Presentation Details

*Day1:1-18, Day2:19-31

1. Heri Hermansyah Universitas Indonesia

From Biomass to Value-Added Products: Contributions of Universitas Indonesia Scholars to Sustainable Bioindustrial Engineering

2. Hiroko MATSUO UN Environment Programme

UNEP's Efforts and Projects Addressing Plastic Pollution in the Asia-Pacific Region

3. Danny Otto Helmholtz Centre for Environmental Research GmbH - UFZ

Carbon Management and Cultivation in Germany and Europe: International Comparative Perspectives Using Social-Scientific and Game-Based Methods

4. Motoshi Hiratsuka Waseda University

Implications of Using Woody Biomass for Renewable Energy: Experiences from the Feed-in Tariff Scheme in Japan.

5. Ryota Kose Tokyo University of Agriculture and Technology

High-Strength Paperboard: Feasibility Study and Proof of Concept on a Lab Scale

6. Prakrit SUKYAI Kasetsart University

Sustainable Valorisation of Thai Agro-Residues into Bioactive Extracts and Cellulose-Based Functional Materials

7. Yuka Kojima Tokyo University of Agriculture and Technology

Crystalline cellulose-binding domain CBM104 from wood-rotting fungi

8. Micah Benize S Tokyo University of Agriculture and Technology

Genome editing of cinnamyl alcohol dehydrogenase gene in hybrid aspen for reducing the recalcitrance of lignocellulosic biomass

9. Hamim Institut Pertanian Bogor

Utilization of organic matters and potential microbes to enhance plant growth and environmental quality

10. Shafiqullah Aryan Tokyo University of Agriculture and Technology

Isolation and identification of upland soil spore-forming bacteria to unveil the mechanism of heat and drought resilience in upland crops

11. Satoshi Nakaba Tokyo University of Agriculture and Technology

Evaluation of growth characteristics and wood quality of fast-growing trees

12. Kannika SAJJAPHAN Kasetsart University

Soil Biodiversity and Carbon Sequestration: The Effect of Monthong Durian Plantation Management Practices on Soil Biodiversity in Nonthaburi Province, Thailand

13. Muhammad Sahlan Universitas Indonesia

Exploring The Multi-Enzymatic Potential of Marine Single Cell Cultures for Mannitol Production

14. Silvia Schrey University of Tuebingen

Plants as Drivers of Marginal Soil Improvement

15. Hiroyuki Kasahara Tokyo University of Agriculture and Technology

How Do Marine Seed Plants Grow? — A Challenge for Plant Hormone Researchers

16. Takashi Toyofuku Tokyo University of Agriculture and Technology

Comparative Analysis of Calcification Control in Foraminifera and Pearl Oysters by Microscopic pH Imaging

17. Shohei Riya Tokyo University of Agriculture and Technology

Biogas and nutrient recovery from the agricultural waste with anaerobic digestion and pyrolysis

18. Kemas Ridwan Kurniawan Universitas Indonesia

Eco-metabolistic Architecture: Constructing living performances of bio-based materials

19. Qian Eika W Tokyo University of Agriculture and Technology

Steam Reforming of Bio-Oil Using Nickel-Based Nanoparticle Encapsulated Catalyst for Hydrogen Production

20. Shinji Kanehashi Tokyo University of Agriculture and Technology

Effective utilization of non-edible plant oil for functional materials

21. Nuwong CHOLLACOOP National Science and Technology Development Agency

Decarbonize transport sector through high blend of high quality biodiesel in commercial vehicle fleets

22. Guoqing Guan Hirosaki University

Catalytic upgrading of bio-oil over hydrophobically modified zeolites with hollow structure

23. Yoshiki Horikawa Tokyo University of Agriculture and Technology

Rapid and simple analysis of chemical components in wood by using infrared spectroscopy

24. Donludee JAISUT Kasetsart University

Value-Added Transformation of Agricultural Residues into Long-Burning Smokeless Bio-Briquettes

25. Yohei Okada Tokyo University of Agriculture and Technology

Soluble Support (Tag)-Assisted Liquid-Phase Peptide Synthesis

26. Darja Deobald Helmholtz Centre for Environmental Research – UFZ

Exploiting cobalamin-dependent methyltransfer systems for sustainable and CO₂-neutral catalysis

27. Rino Rakhmata Mukti Institut Teknologi Bandung

Potential Development of Biomass Waste and Plastic Upcycling for SAF Production

28. Haruhiko Teramoto Research Institute of Innovative Technology for the Earth

Development of biohydrogen production and liquid biofuel production technologies

29. Johannes G. Rebelein Max Planck Institute for Terrestrial Microbiology

Decoding and Taming Nitrogenases for CO₂ Conversion

30. Yu-Jen Lee National Institute of Advanced Industrial Science and Technology

Next-Generation Pig Husbandry: Environmental Impact Reduction via Feed Improvement and Biogas Valorization

31. Akihiko Terada Tokyo University of Agriculture and Technology

Upcycling Surplus Biogas into Value-Added Products Using Methane-Oxidizing Bacteria