

# The Ninth Cambridge-UTokyo Joint Symposium

## - Navigating the Future and Reflecting on the Past –

Day 1: Thursday 27 March 2025

Main Session: Global Warming and Sustainability

Venue: Hongo Campus, The University of Tokyo

Chair: Prof Yasushi Umeda, School of Engineering, UTokyo

Opening Global Warming and Sustainability	
9:00	<p><b>Venue: Learning Theater FUKUTAKE Hall</b></p> <p>The climate is changing at an unprecedented rate. Its impacts—rising temperatures, extreme weather, and environmental degradation—are already being felt around the world and demand urgent actions.</p> <p>This session aims to foster insightful and meaningful discussions on cutting-edge research, emerging technologies, sustainable practices, conservation strategies, and policy approaches to tackle climate change and create a more resilient and sustainable future. Keynote speakers from The University of Tokyo and the University of Cambridge will provide historical insights, examine the challenges of reaching net zero, and explore solutions for achieving sustainability. A distinguished panel of experts from diverse fields, including climate science, engineering, urbanism, energy systems, technology policy, and environmental law will analyse the complexities of this issue and delve into potential pathways toward a more sustainable future.</p> <p style="text-align: center;"><b>Opening Remarks</b></p> <p>Prof Kaori Hayashi, Executive Vice President (UTokyo)            Prof Laura Moretti, Head of Department of Asian and Middle Eastern Studies (Cambridge)            Helen Caldwell Reynolds, Head of Science and Innovation, British Embassy Tokyo            Video message: Prof Atsushi Tsuda, 150th Anniversary of UTokyo Committee Chair (UTokyo)</p>
Keynotes and Panel Discussion Global Warming and Sustainability	
9:20-10:30	<p style="text-align: center;"><b>Keynote Presentations</b></p> <p><u>Disastrous extreme weather conditions under the ongoing global warming: What can we learn from recent events for the future?</u>            Prof Hisashi Nakamura, Professor, Research Center for Advanced Science and Technology (UTokyo)</p> <p><u>The bumpy road to net zero</u>            Prof David Reiner, Professor of Technology Policy, Assistant Director of the Energy Policy Research Group (Cambridge)</p> <p>Comments from Prof Deborah Prentice, Vice-Chancellor (Cambridge)</p>
10:30-11:00	<b>Group Photo &amp; Break</b>

11:00 – 11:50	<b>Panel Discussion</b>		
	<p>Moderator: Prof Junichiro Shiomi, School of Engineering (UTokyo)</p> <p>Panelists: Cambridge: Prof David Reiner, Prof Ying Jin, Prof Andrea Ferrari UTokyo: Prof Hisashi Nakamura, Prof. Masakazu Sugiyama, Prof. Yukari Takamura</p>		
12:00– 12:50	<b>Buffet Lunch</b>		
<b>Parallel Sessions</b>			
13:00– 15:30 (150 min)	<p><b>Global dialogues: making intersectional space for studying gender and race in and with Japan</b></p> <p><b>Venue:</b> <b>Seminar Room No 1, Kojima Hall</b></p> <p>Speakers: Prof Monica Moreno Figueroa Prof Akiko Shimizu Prof Tomomi Yamaguchi Prof Hiroki Ogasawara Prof Yasuko Takezawa Dr Sachi Takaya Dr Christopher Tso Dr Kazuyoshi Kawasaki Dr Aki Son-Katada</p>	<p><b>Engineering for the Future</b></p> <p><b>Venue:</b> <b>Learning Theater FUKUTAKE Hall</b></p> <p>Speakers: Prof Sze Yun Set Prof Fumiya Iida Prof Andrea Ferrari Prof Yutaka Matsuo Prof Satoru Takahashi Prof Shinji Yamashita</p>	<p><b>Translating Engineering Biology from the Bench to the Bioeconomy (Hybrid)</b> <b>Venue: SMBC Academia Hall, International Academic Research Bldg.</b> (simultaneous interpretation available)</p> <p>Speakers: &lt;Japanese side&gt; Dr Makiko Matsuo Prof Norikazu Ichihashi Dr Kotaro Tsuboyama Prof Tomohisa Hasunuma &lt;UCAM side&gt; Dr Jenny Molloy Prof Mark Howarth Centre for Science and Policy Kavli Centre for Ethics, Science, and the Public</p>
<b>Round Table Discussion</b>			
<b>Working Towards Collaborative Impact</b>			
15:45-17:45	<p><b>Venue: Learning Studio, FUKUTAKE Hall</b> Organizer: Prof Michael Handford, Advisor to the SOE of the University of Tokyo on Internationalisation Moderator: Prof Yuto Kitamura, Deputy Director, International Strategic Planning Office (UTokyo)</p> <p style="text-align: center;"><b>Presentations</b></p> <p>Ms Akie Hoshino, Director, International Program Department, Japan Society for the Promotion of Science (JSPS) Prof Oren Scherman, Director of the Melville Laboratory for Polymer Synthesis (Cambridge) Prof Junichiro Shiomi, School of Engineering (UTokyo) Prof Hiroshi Toshiyoshi, Director General, Institute of Industrial Science (UTokyo)</p> <p style="text-align: center;"><b>Topics on Tables</b></p> <p>Topics: EDI, Humanities, Social Sciences, Global warming, AI, Sustainability, Biotechnology, Security, Miscellaneous, etc. JSPS table</p>		
<b>Welcome Reception</b>			
18:00-20:00	<p><b>Venue: Kadoya Restaurant (Buffet style)</b> (1<sup>st</sup> floor, Sanjo Conference Hall)</p>		

# The Ninth Cambridge-UTokyo Joint Symposium

## - Navigating the Future and Reflecting on the Past –

Day 2: Friday 28 March 2025

UTokyo-Cambridge Voices Workshop Sessions

Venue: At Hongo Campus unless specified

1. 1400-1800 JST **Seeing is Reading 「〈見る〉という入り口」 (Session in Japanese)**  
Laura Moretti, Yukiko Sato, Akira Takagishi, Tomoyuki Deguchi  
7 participants for the Poster Session (Cambridge: 1, UTokyo: 6)  
[https://sp.t.u-tokyo.ac.jp/UTokyo\\_Cam/activities/seeing-is-reading/](https://sp.t.u-tokyo.ac.jp/UTokyo_Cam/activities/seeing-is-reading/)
2. 930-1200 JST **UTokyo-Cambridge Joint Seminar: Sustainable Societies and Cities: A Comparison of Research Approaches from International Perspectives**  
Ying Jin, Hironori Kato, Michal Gath-Morad, Daisuke Fukuda  
[https://sp.t.u-tokyo.ac.jp/UTokyo\\_Cam/activities/sustainable-societies-and-cities/](https://sp.t.u-tokyo.ac.jp/UTokyo_Cam/activities/sustainable-societies-and-cities/)
3. 1800-1930 JST, 900-1030 GMT **UTokyo-Cambridge Voices: Engineering the Future by Technology Innovation** (online)  
Yasushi Umeda, Maicon Oliveira, Robert Phaal, Yusuke Kishita, Yusuke Kajihara  
[https://sp.t.u-tokyo.ac.jp/UTokyo\\_Cam/activities/engineering-the-future-by-technology-innovation-2/](https://sp.t.u-tokyo.ac.jp/UTokyo_Cam/activities/engineering-the-future-by-technology-innovation-2/)
4. 900-1400 JST **Materials, Devices, and Systems for Seamless Human-Computer Interactions** @Komaba Research Campus  
Naoji Matsuhisa, Oren A. Scherman, George G. Malliaras, Fumiya Iida, Takao Someya, Jun Ota  
[https://sp.t.u-tokyo.ac.jp/UTokyo\\_Cam/activities/for-seamless-human-computer-interactions/](https://sp.t.u-tokyo.ac.jp/UTokyo_Cam/activities/for-seamless-human-computer-interactions/)
5. 1030-1200 JST **UK-Japan Security and Defense Partnerships in the Indo-Pacific**  
John Nilsson-Wright, Yee Kuang Heng, Naosuke Mukoyama  
[https://sp.t.u-tokyo.ac.jp/UTokyo\\_Cam/activities/uk-japan-security-partnerships-in-the-indo-pacific/](https://sp.t.u-tokyo.ac.jp/UTokyo_Cam/activities/uk-japan-security-partnerships-in-the-indo-pacific/)
6. 1300-1430 JST **AI, Information Integrity and Social Impact: Uses and Misuses**  
Giulio Corsi, Yuiko Fujita, moderator: Sunjin Oh, coordinator: Yee-Kuang Heng  
2 Cambridge Students attending  
[https://sp.t.u-tokyo.ac.jp/UTokyo\\_Cam/activities/ai-and-information-integrity/](https://sp.t.u-tokyo.ac.jp/UTokyo_Cam/activities/ai-and-information-integrity/)