



ASPIRE Forum 2021



東京工業大学
Tokyo Institute of Technology

ASPIRE Symposium

Better Living for All in a New Normal

WEBINAR

Monday, June 28, 2021
14:00 – 17:00 (GMT+9)

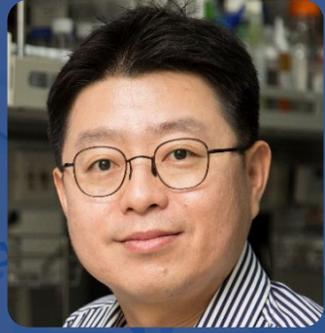


Moderator
Prof. Jun-ichi TAKADA
Vice President for
International Affairs,
Tokyo Institute of Technology

Speakers



Prof. Davis BOOKHART
Hong Kong University of
Science and Technology
(HKUST)



Prof. Shin-Hyun KIM
Korea Advanced Institute
of Science and
Technology (KAIST)



Prof. Hallam STEVENS
Nanyang Technological
University (NTU)



Prof. Jian LIU
Tsinghua University



Prof. Shigeki SAITO
Tokyo Institute of
Technology (Tokyo Tech)



Register at

https://us06web.zoom.us/webinar/register/WN_RU5-nJhGQ_an0eePxGCOkw

For more information, contact aspiretokyotech@jim.titech.ac.jp

Schedule

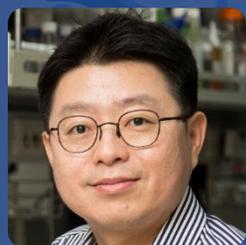
All times are indicated in GMT+9

| | |
|-------|--|
| 14:00 | Opening remarks by Prof. Tetsuya Mizumoto (Tokyo Tech Executive Vice President for Education) |
| 14:05 | Presentation by Prof. Davis Bookhart (HKUST) and Q&A “Sustainable Transformation in the New Normal” |
| 14:35 | Presentation by Prof. Shin-Hyun Kim (KAIST) and Q&A “Nature-inspired Structural Coloration with Colloidal Assembly” |
| 15:05 | Presentation by Prof. Hallam Stevens (NTU) and Q&A “What is New about the New Normal? Viral Threats and Neoliberal Opportunities” |
| 15:35 | Break |
| 15:45 | Presentation by Prof. Jian Liu (Tsinghua University) and Q&A “Rethinking on Urban Planning and Design Under COVID-19” |
| 16:15 | Presentation by Prof. Shigeki Saito (Tokyo Tech) and Q&A “Engineering Design Education based on Design Thinking Approach: The importance and value for future engineers in next-generation” |
| 16:45 | Closing remarks by Prof. Jun-ichi Takada (Tokyo Tech Vice President for International Affairs) |

About the Speakers



Davis Bookhart joined HKUST in August 2013 to develop the university’s first comprehensive sustainability master plan (the HKUST 2020 Sustainability Challenge), which has since been revised and updated with goals and targets through 2028. Bookhart serves as the steward of the Plan’s implementation, which includes the Sustainable Smart Campus as a Living Lab initiative. Bookhart came to HKUST after eight years as the founding director of the Office of Sustainability at Johns Hopkins University, and six years as senior project director for the public interest group Consumer Energy Council of America. Bookhart holds a master’s degree in International Affairs from the Fletcher School of Law and Diplomacy at Tufts University and a master’s of American Literature from the University of North Carolina at Wilmington.



Shin-Hyun Kim is an associate professor at the Department of Chemical and Biomolecular Engineering at KAIST. He received his PhD degree from KAIST in 2009 under the supervision of the late Prof. Seung-Man Yang. Following the PhD study, he worked as a postdoctoral researcher in Weitz’s group at Harvard University. In June 2012, he joined KAIST and since then, he heads the Intelligent Soft Materials Lab. His major research interests include colloidal photonic materials, plasmonic sensors, droplet-based microfluidics, and capillarity phenomena. He received Young Scientist Award from the president of Korea in 2019 and Healthy Lab Award in 2021.



Hallam Stevens is an associate professor of history at Nanyang Technological University (Singapore). He is the author of *Life out of sequence: a data-driven history of bioinformatics* (Chicago, 2013), *Biotechnology and society: an introduction* (Chicago, 2016) and the co-editor of *Postgenomics: Perspectives on Life After the Genome* (Duke, 2015). At NTU, he serves as the associate chair (Research) in the School of Humanities, the co-director of the Artificial Intelligence Research Centre, and the associate director of the NTU Institute of Science and Technology for Humanity. He also holds a courtesy appointment in the School of Biological Sciences.



Jian Liu received her bachelor’s degree in architecture and master’s and doctoral degrees in urban planning & design from Tsinghua University. She is registered city planner in China, associate dean and tenured associate professor of urban planning & design at Tsinghua University School of Architecture. She is the managing chief-editor of *China City Planning Review*, and editorial board member of *Urban Design* and *L’architettura delle città - The Journal of the Scientific Society Ludovico Quaroni*. She works as professor, researcher and city planner and designer, with particular interests on town and rural planning, urban design, urban regeneration, and international comparative studies.



Shigeki Saito received a doctoral degree in engineering from the University of Tokyo in 1998. After working at Tokyo Institute of Technology as an assistant professor and an associate professor, he became a professor (current position) in 2017. Currently, he is the main director of the industry-university collaborative PBL “Engineering Design Project (EDP)” in the Graduate Major of Engineering Sciences and Design. Prior to launching the EDP, he was a visiting associate professor for a one-year appointment (2013–14) at Stanford University, where he participated in a long-term project of d.school. He is the lead author of the book *Introduction to Design Thinking for Engineers* (published in Japanese). His areas of research expertise are engineering design and micro-robotics.