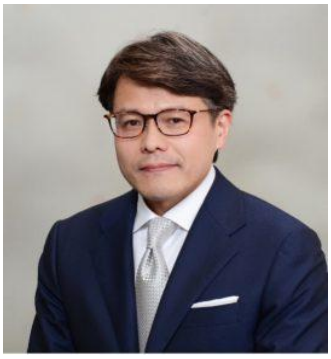
Welcome and Introduction

Dr. Yuto KITAMURA Graduate School of Education, The University of Tokyo



Yuto Kitamura is Professor at the Graduate School of Education, the University of Tokyo. He also serves as Special Advisor to the President of UTokyo.
He received his Ph.D. in Education from UCLA. He has worked at UNESCO in Paris and taught at Nagoya University and Sophia University. He was a Fulbright Scholar at the George Washington University. He is currently Member of the Board of Education at the Tokyo Metropolitan Government, Associate Member of the Science Council of Japan, and Special Advisor to the Rector at Royal University of Phnom Penh in Cambodia.
He is specialized in comparative education and has been conducting his research extensively on education policy of developing countries, particularly in Southeast Asia.
He was awarded the JSPS Prize in 2018, one of the highest honors for young scholars in Japan and received the Honorary Doctorate in Social Sciences from Stockholm University in 2022.

Dr. Junichiro SHIOMI Graduate School of Engineering, The University of Tokyo

Junichiro Shiomi is Professor in Institute of Engineering Innovation, School of Engineering, the University of Tokyo. He received B.E. (1999) from Tohoku University, and Ph.D.(2004) from Royal Institute of Technology (KTH), Sweden. Leading the Thermal Energy Engineering Lab, he has been pursuing research to advance thermal management, waste heat recovery, and energy harvesting technologies based on nano-to-macro innovation in materials, structures, and systems. Prof. Shiomi has been leading many projects including JST-ASPIRE with KTH, Rice University and Heidelberg University. He is Fellow of Japan Society of Mechanical Engineers, Member of Science Council of Japan, and Member of Engineering Academy of Japan. He serves as an Associate Editor of Nanoscale and Microscale Thermophysical Engineering. He is a recipient of the Zeldovich Medal from the Committee on Space Research, the Science and Technology Prize by the Minister of Educational, Culture, Sports, Science and Technology, the Academic award of Heat Transfer Society of Japan, the Academic Award of Thermoelectric Society of Japan, the JSPS Award, and the Nukiyama Memorial Award. He has been coordinators of the EU/Japan Interdisciplinary Global Mechanical Engineering Education (IGM) program, the Global Mechanical Engineer (GME) program, the Top Global University Project between UTokyo and Stockholm Trio.

Dr. Teruo FUJII President, The University of Tokyo

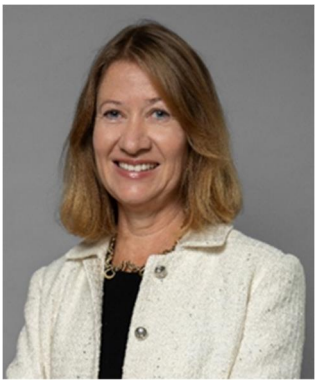
Teruo Fujii is the 31st President of the University of Tokyo. Prior to taking the President's office in April 2021, he was Executive Vice President in charge of finance and external relations for the university. He also served as Director General of the Institute of Industrial Science (IIS) of the university from 2015 to 2018.
He received his Ph.D. in engineering from UTokyo in 1993 and held research positions at IIS and RIKEN prior to becoming a professor of IIS in 2007.
He was an advisor to the Ministry of Education, Culture, Sports, Science and Technology (MEXT) from 2005 to 2007, the co-director of LIMMS-CNRS/IIS, a joint research laboratory between CNRS of France, and IIS, from 2007 to 2014, and the President of the Chemical and Biological Microsystems Society (CBMS) from 2017 to 2019. He held the position of an Executive Member (part-time) of the Council for Science, Technology and Innovation, Cabinet Office, Government of Japan from March 2021 to February 2024. He has also served as the Chair of the Subdivision on Ocean Development of the Council for Science and Technology (MEXT) from February 2019 until February 2024. He was appointed as President of the Japan Association of National Universities in June 2025.
His research specializes in applied microfluidics systems and underwater technology.

Welcome and Introduction

Dr. Hans ADOLFSSON President, Stockholm University

Hans Adolfsson studied chemistry at Stockholm University from 1985–89, and completed his doctoral studies in organic chemistry at the Royal Institute of Technology, Stockholm in 1995. Thereafter, he held the position of postdoc at the Scripps Research Institute in La Jolla, USA, between 1996 and 1998. He was recruited as an assistant professor to Stockholm University, and in 2007, he was installed as full professor in organometallic chemistry at the same university.
During 2010-2013 he acted as Dean of chemistry, and during 2013-2016 he was appointed as Pro-Vice-Chancellor of Stockholm University. From 1 July 2016 to 31 January 2025, he held the position as Vice-Chancellor of Umeå University, and on the 1 February 2025, he took on the position as President of Stockholm University.
Since 2023 Prof. Adolfsson holds the position as chair of the Association of Swedish Higher Education Institutions (SUHF), the Swedish rectors' conference.

H.E. Ms. Viktoria LI Ambassador of Sweden to Japan



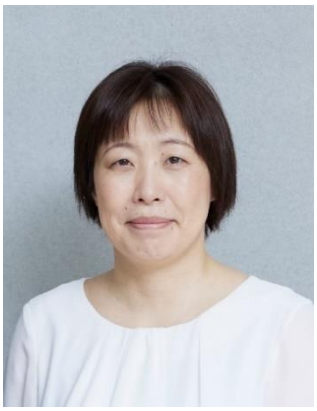
Viktoria Li is currently serving as Ambassador of Sweden to Japan since 2024. Prior to this, held the role of Deputy Director General and Head of Communications at the Ministry for Foreign Affairs in Stockholm (2020-2024). Previous ambassadorial posts include the Czech Republic (2016-2020) and Consul General in Shanghai, China (2012-2016). Earlier assignments include political and legal roles in Beijing, Rome, Brussels, Zagreb, and Stockholm, with a strong focus on international law, human rights, and African regional affairs.
Academically, holds a Master of Laws (LL.M) from Stockholm University, a postgraduate degree in International Relations from the Amsterdam School of International Relations, and a Master's in the Rights of the Child from Fribourg University in Switzerland.

H.E. Mr. Hideaki MIZUKOSHI Ambassador Extraordinary and Plenipotentiary of Japan to Sweden

Hideaki Mizukoshi was appointed as the Ambassador Extraordinary and Plenipotentiary of Japan to Sweden in 2024. He graduated from the University of Tokyo in 1985 and joined the Ministry of Foreign Affairs of Japan in the same year. Since then, he has worked in a range of fields and countries. He worked in embassies of Japan in France, Republic of Korea and the USA. Prior to his current position, he was the Ambassador of Japan to Sri Lanka from 2021 to 2024.

Keynote Presentations

Dr. Kanako HARADA Graduate School of Medicine, The University of Tokyo



Kanako Harada is a Professor at the Center for Disease Biology and Integrative Medicine (CDBIM) within the Graduate School of Medicine at the University of Tokyo, Japan. She also holds positions in the Department of Bioengineering and the Department of Mechanical Engineering within the Graduate School of Engineering. Additionally, she serves as a Project Manager for the national flagship "Moonshot" project, spearheaded by the Cabinet Office. She earned her M.Sc. in Engineering from UTokyo in 2001 and received her Ph.D. in Engineering from Waseda University in 2007. Prior to joining UTokyo, she held positions at Hitachi Ltd., the Japan Association for the Advancement of Medical Equipment, and Scuola Superiore Sant'Anna in Italy. She also served as a Program Manager for the Cabinet Office's ImPACT program from 2016 to 2019. Her research interests encompass a range of areas, including surgical robotic systems, automation of robots for medical applications, skills assessment, patient models, virtual-reality simulators, and regulatory science.

Dr. Lars HAMMARSTRÖM Science and Innovation Counsellor, Embassy of Sweden in Japan

Lars Hammarström is the Swedish government's appointed Science and Innovation Counsellor to Japan and the Republic of Korea. He brings extensive experience from leadership roles across academia, industry, and the public sector. Prior to his current post, he served as Director of the Health and Life Science Division at Vinnova, Sweden's innovation agency (2020-2023), and as Head of Strategic Relations at SciLifeLab, the national center for molecular biosciences (2017-2020). Lars has also co-founded several scientific initiatives and biotech ventures, including Glionova Therapeutics and the Chemical Biology Consortium Sweden. His earlier career includes senior scientific roles at Karolinska Institutet and Biovitrum AB, as well as a postdoctoral fellowship at Roche Bioscience in California.

He holds a PhD in Organic and Medicinal Chemistry from Louisiana State University and a BSc in Biochemistry from the University of Tampa. He has represented Sweden in international forums and is actively engaged in science policy and innovation networks.

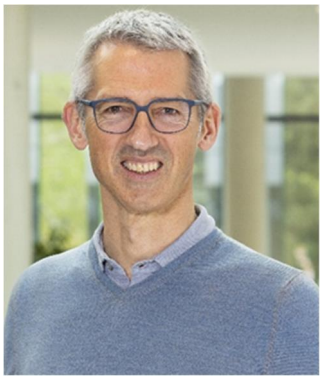
Dr. Katsuhiko SHIRAHIGE Director, Institute for Quantitative Biosciences, The University of Tokyo

Katsuhiko Shirahige is Professor and Director of the Institute for Quantitative Biosciences at the University of Tokyo and Visiting Professor at Karolinska Institutet.

He brings an integrative view to genome biology—how DNA is copied, folded and read, and how these coordinated processes affect health and disease. A pioneer of genome-wide mapping, his lab built tools to see where key proteins act across whole chromosomes and showed that the machines that organize DNA also help control genes.

Drawing on more than two decades of close work with Prof. Camilla Björkegren, he launched the UTokyo–Karolinska LINK programme (LINK = "LINK for Innovative Network and Knowledge") to create lasting, person-to-person research bridges between Tokyo and Stockholm.

Dr. Jan ELLENBERG Director of SciLifeLab



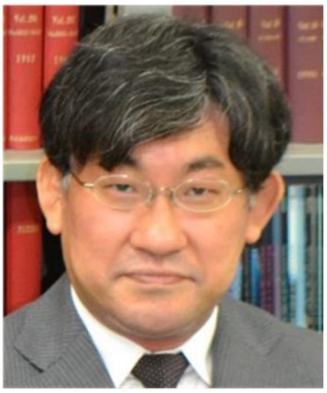
Jan Ellenberg is distinguished for many contributions to the cell biology and imaging field. The majority of these were made at the European Molecular Biology Laboratory (EMBL) where he is Senior Scientist and Head of the Cell Biology and Biophysics Unit. Today, Jan Ellenberg is Director of the Swedish national research infrastructure, SciLifeLab. His major research contributions cover several aspects of the cell division cycle and nuclear organization, including systematic analysis of mitosis, nuclear pore complex structure and assembly, as well as chromatin organization and formation and segregation of mitotic and meiotic chromosomes.

His goal has been to obtain structural and functional measures of the required molecular machinery inside cells using quantitative 4D imaging, single molecule spectroscopy, as well as light sheet and super-resolution microscopy, and recently launched Alpha Cell, that aims to use artificial intelligence and spatial and temporal molecular data to create a predictive model for core functions of human cells and tissue.

Panel Discussions

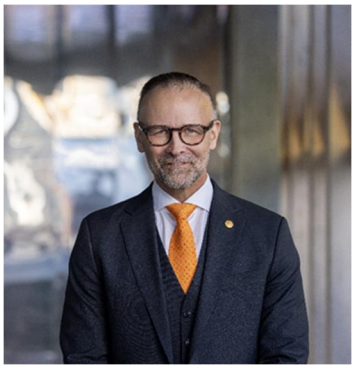
The panel will explore how the Stockholm Trio-UTokyo strategic partnership is advancing beyond general research collaboration and educational exchanges to enter a new phase of structured initiatives and institutional investments. Speakers will highlight the importance of strategic international collaboration and responsible internationalization, share experiences from previous/on-going joint projects and funding opportunities such as Horizon Europe and ASPIRE, and showcase examples of joint-lab initiatives. The session will also address innovative approaches to education, including double degree programs.

Dr. Haruhiko BITO Graduate School of Medicine, The University of Tokyo



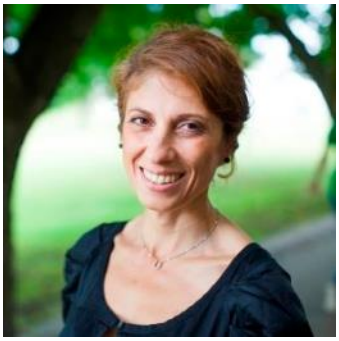
Haruhiko Bito is currently Professor and Chair of the Department of Neurochemistry, and also Chair of the Neurosciences Program at the University of Tokyo School of Medicine. The ambition of Dr. Bito's laboratory is to go beyond just understanding the makeup of the synapses, and to tease apart the molecular, cellular and systems principles underlying activity-dependent changes in neuronal circuitry during learning and memory. In particular, the Bito laboratory pioneered in deciphering the intricate and interactive relationship between the information encoded in the genome and the ongoing synaptic activity, and showed the critical role of CREB-Arc signaling in controlling long-term memory formation and maintenance of long-lasting changes within the brain. He graduated from UTokyo with an MD and a PhD in Biochemistry in 1993. After finishing a postdoc in Molecular and Cellular Physiology at Stanford as a HFSP long-term fellow, he started his own laboratory in Pharmacology at Kyoto University in 1997. He expanded his research group significantly, when he moved to the Department of Neurochemistry at the University of Tokyo in 2003. He is the Leading Investigator of a National Consortium Project on "Brain information dynamics underlying multi-area interconnectivity and parallel processing".

Dr. Martin O. BERGÖ Vice President, Karolinska Institutet



Martin O. Bergö is Vice President of Karolinska Institutet (since 1 March 2023). He previously served as Dean of Research and Chair of the Committee for Research. Educated at Umeå University (chemistry and medical school) with a PhD in medical biochemistry, he completed a five-year postdoctoral fellowship at the University of California, San Francisco. He established his research group at the Sahlgrenska Academy, University of Gothenburg, in 2004 and was recruited to KI in 2015. As Professor of Molecular Medicine, his research focuses on cancer, ageing and inflammatory diseases. His group has identified mechanisms of disease and potential therapeutic targets, including findings that antioxidants—including vitamins A, C and E—can accelerate cancer progression and metastasis, and that inhibiting the ICMT enzyme may improve the disease course in Hutchinson-Gilford progeria syndrome. He has supervised ten PhD students and over 50 master's students, is active in science communication, and has served twelve years as Chairman of Folkuniversitetet Region Väst.

Dr. Maryam HANSSON EDALAT Head of Office for Research Support, Stockholm University

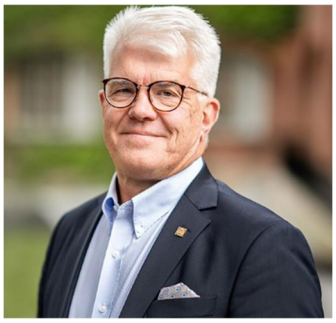


Maryam Hansson Edalat received her PhD in biochemistry from Uppsala University. As a Marie Curie fellow she did her postdoc at ETH Zurich in Switzerland. Through research collaboration, she has worked at UC-Berkeley and Karolinska Institutet as well as biotech and start-up companies. After returning back to Sweden she perused her career as research officer at Stockholm University and deputy director later on she worked as a coordinator for a national inquiry for the Ministry of Enterprise, Energy and Communications. She is now Head of Office for Research, Engagement and Innovation Services (REIS).

Dr. Anna RISING **Department of Medicine, Karolinska Institutet**

Anna Rising is a professor in veterinary medical biochemistry at the Swedish University of Agricultural Sciences (SLU), group leader at Karolinska Institutet, and a Wallenberg Scholar. She is a licensed veterinarian with a research focus on spider silk biology, which has led to groundbreaking biomaterials and biotechnological applications. Her work spans from basic biological studies of spider silk glands to pioneering recombinant silk fiber production using water as a solvent. Her group continues to advance sustainable material science through bioinspired innovations, including hydrogels, magnetic fibers, and next-generation biomedical tools. She is an ERC grantee, alumni of the Young Academy of Sweden and receiver of the Medal of Merits in Silver.

Dr. Stefan ÖSTLUND **Vice President, KTH Royal Institute of Technology**



Stefan Östlund has been the appointed Vice President for international relations at KTH since 2017. Before that Östlund has held different management positions at KTH such as Dean for the School of Electrical Engineering in 2009-2017.
Östlund earned his doctorate in engineering at KTH in 1992 and became a faculty member in 1993 and full Professor in Electrical Power Engineering and Electric Railway Traction in year 2000. His teaching and research focus is on electric propulsion, transportation electrification, and power electronics.
Current focus areas on KTH internationalization agenda are the involvement in the European university alliance Unite! comprising nine universities in Europe, the strategic university partnerships outside of Europe, joint programmes on Master- and PhD-level, and developing the guidance for responsible internationalization at KTH. Since 2017 he is on the Supervisory Board of EIT InnoEnergy SE. Dr. Östlund is a senior member of IEEE.

Dr. Junichiro SHIOMI **Graduate School of Engineering, The University of Tokyo**

Junichiro Shiomi is Professor in Institute of Engineering Innovation, School of Engineering, the University of Tokyo. He received B.E. (1999) from Tohoku University, and Ph.D.(2004) from Royal Institute of Technology (KTH), Sweden. Leading the Thermal Energy Engineering Lab, he has been pursuing research to advance thermal management, waste heat recovery, and energy harvesting technologies based on nano-to-macro innovation in materials, structures, and systems. Prof. Shiomi has been leading many projects including JST-ASPIRE with KTH, Rice University and Heidelberg University. He is Fellow of Japan Society of Mechanical Engineers, Member of Science Council of Japan, and Member of Engineering Academy of Japan. He serves as an Associate Editor of Nanoscale and Microscale Thermophysical Engineering. He is a recipient of the Zeldovich Medal from the Committee on Space Research, the Science and Technology Prize by the Minister of Educational, Culture, Sports, Science and Technology, the Academic award of Heat Transfer Society of Japan, the Academic Award of Thermoelectric Society of Japan, the JSPS Award, and the Nukiyama Memorial Award. He has been coordinators of the EU/Japan Interdisciplinary Global Mechanical Engineering Education (IGM) program, the Global Mechanical Engineer (GME) program, the Top Global University Project between UTokyo and Stockholm Trio.