



未来

M
I
R
A
I

MIRAI SEMINAR 2019

Moving together towards a sustainable future

11-14 November, Stockholm/Uppsala

About MIRAI

Aim

The MIRAI project (2016-2019) aims to contribute to long-term collaborations and research excellence between Sweden and Japan through activities in research, education and innovation within Ageing, Material Science and Sustainability.

Focus

- Researchers at an early stage of their career
- Subjects: Ageing, Material Science and Sustainability
- Research facilities

For more information, please visit the MIRAI website: <https://www.mirai.nu/>

Partner

The MIRAI project is funded jointly by STINT, seven Swedish and eight Japanese universities and with financial support from the Japanese Society for the Promotion of Science (JSPS).

MAIN OBJECTIVES

- Strengthen collaboration between Japanese and Swedish universities
- Provide researchers at an early stage of their career with knowledge and network for future international cooperation
- Increase understanding of each other's culture and society in higher education.
- Initiate dialogue for future joint funding opportunities
- Encourage joint research activities in Japanese and Swedish research facilities.
- Understand how innovation systems work in Japan and Sweden.

SWEDISH UNIVERSITIES



JAPANESE UNIVERSITIES



STINT

Stiftelsen för internationalisering av
högre utbildning och forskning

The Swedish Foundation for International
Cooperation in Research and Higher Education



JSPS STOCKHOLM



KEYNOTE SPEAKERS

KRISTINA EDSTRÖM

Professor

Uppsala University

Materials Science workshop

Professor Kristina Edström leads the Ångström Advanced Battery Centre (ÅABC) and she is a professor of Inorganic Chemistry at Uppsala University, Sweden. The main research interests are lithium-ion batteries for all applications including electric vehicles, 3D microbatteries but beyond lithium batteries (sodium-ion, organic batteries, lithium-sulfur, lithium/sodium-oxygen batteries and solid state batteries). She also develops photon science and neutron scattering in operando methods for studying dynamic processes in materials and batteries, in addition to having a great interest in teaching and guiding young researchers. She has published more than 250 scientific papers and she has an H-index of 57. She is an elected member of the Royal Academy of Engineering Sciences, honorary doctor at the Norwegian University of Science and Technology NTNU, she has received the grand prize from the Royal Institute of Technology KTH, and since 2019 she is a Wallenberg scholar. She is currently coordinating the large-scale European battery research initiative BATTERY 2030+ as well as the Swedish Battery Excellent Competence Center.

JOHAN KUYLENSTIERNA

Adjunct Professor

Swedish Climate Policy Council

Johan Kuylenstierna is Adjunct Professor and Honorary Doctor at the Stockholm University. He also serves as the vice chair of the Swedish Climate Policy Council, the formal evaluation mechanism of the Swedish Climate Policy Framework. He is a member of numerous boards within the public, private and civil society sectors. He previously served as the Executive Director of the Stockholm Environment Institute and has had positions at UN agencies in New York, Geneva and Rome.

YOSHIYUKI SANKAI

Founder and CEO

Cyberdyne

Yoshiyuki Sankai earned a Ph.D. in Engineering from the University of Tsukuba in Japan in 1987. He has progressed from being a research fellow at the Japan Society for the Promotion of Science ("JSPS") to assistant professor, associate professor, and then professor at the Graduate School of Systems and Information Engineering, University of Tsukuba. He is also a visiting professor at Baylor College of Medicine in Houston, Texas in the United States. Currently, he is a professor and Executive Research Director at the Center for Cybernetics Research, University of Tsukuba; and the President and CEO of CYBERDYNE, INC.

University Management

HANS ADOLFFSSON

Vice-Chancellor

Umeå University

University Management

Vice-Chancellor of Umeå University and professor in organometallic chemistry. He studied chemistry at Stockholm University from 1985–89, and completed his doctoral studies 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. After his postdoc, he was employed as assistant professor at Stockholm University, and in 2007, he was installed as full professor in organometallic chemistry at the same university. His research interests are in the field of selective catalysis and method development in organic synthesis. During 2013–2016, he was appointed as Pro-Vice-Chancellor of Stockholm University. He took on his duties as the eighth Vice-Chancellor of Umeå University on 1 July 2016. The Vice-Chancellor is appointed by the Government for a six-year term based on a recommendation from the University Board.

KARIN BERGMARK

Senior Advisor to the President

Stockholm University

University Management

Karin Bergmark has a long academic career within the field of sociological alcohol research and, more recently, in the field of contemporary virtual activities and life online. Her dissertation in Sociology (1995) was based on the Swedish case study for the International Collaborative Study on Alcoholics Anonymous – a ground-breaking study in its field. She is a member of Kettil Bruun Society; the main international network for social science alcohol research, IRGGA (the International Research Group on Gender and Alcohol), GENACIS (Gender, Alcohol and Culture: An International Study) and, at Stockholm University; ARG – the Addiction Research Group. She is affiliated to SIRG (Stockholm Internet Research Group).

HELEN DANNETUN

Vice-Chancellor

Linköping University

University Management

The vice-chancellor is Linköping University's top executive official, appointed by the government to lead operations at LiU. Since 2011 Helen Dannetun, professor of physics, is vice chancellor of Linköping University. Her role is to lead the university by creating the best conditions for excellence in education and research. Before becoming VC Professor Dannetun was the dean of the faculty and science and engineering at Linköping University and during 2015-2018 she held the chair of the Association of Swedish Higher Education Institutions.

KAZUHIRO EMA

Vice President for Academic Research Affairs, Professor

Sophia University

University Management

Prof. Kazuhiro EMA is Vice President for Academic Research Affairs at Sophia University. Education and professional experience:

- 1991 Doctor of Engineering from the Department of Applied Physics, the University of Tokyo,
- 1994 Associate Professor, Department of Physics, Sophia University
- 2001 Professor, Department of Physics
- 2017 to the present, Vice President for Academic Research Committee service etc:
- 2015 ~ 2017, Chairman of Quantum Electronics Committee in the Japan Society of Applied Physics (JSAP)
- 2015, Representative of optical physics division in the Physical Society of Japan (JPS)
- 2008 ~ present, Advisor of optics and photonics division in Core Research for Evolutional Science and Technology (CREST), Japan Science and Technology Agency (JST)

Fundings:

- 2016 - 2019 Grant-in-Aid for Scientific Researches from the Ministry of Education, Culture, Sports, Science and Technology, Japan (KAKENHI) "Unique optical properties of organic-inorganic hybrid quantum well materials"
- 2014 - 2018 the Japan Science and Technology Agency (JST) Advanced Low Carbon Technology R&D pro-gram (ALCA) "Development and basics study of organic-inorganic hybrid solar cell materials"

MASAHIKO GEMMA

Vice President of International Relations

Waseda University

University Management

Masahiko Gemma is Vice President of International Affairs at Waseda University, Tokyo, Japan. He is Professor of Faculty of Social Sciences. He also holds a post as President of U.S. Japan Research Institute (USJI) in Washington, D.C. in the United States. He received his Ph.D. from the University of Minnesota in 1989. His current research interests include issues on food and environmental problems. He has been serving as Director of the Institute of Japan-US Studies at Waseda University since 2008. From 2016 to 2018, he also served as Director of the Organization for Regional and Inter-regional Studies.

KO HASEGAWA

Executive Director and Vice President

Hokkaido University

University Management

Dr. Ko Hasegawa is serving Executive Director and Vice President for education and student matters in Hokkaido University. Since his appointment in 2017, he has been actively working on the educational reform in Hokkaido University. Obtaining his Ph.D. in 1982 from University of Tokyo, he is one of the leading legal philosophers in Japan and Professor of Legal Philosophy in the School of Law at Hokkaido University since his appointment in 1983. His research interest is broad enough to include the structure of legal thinking, theories of justice and rights, and the nature of law.

YASUCHIKA HASEGAWA

Vice President (International Exchange)

Hokkaido University

University Management

Dr. Yasuchika Hasegawa, current Advisor to the President of Hokkaido University, became SSC member in 2017. He received his Bachelor (1992) and Master (1994) degrees from the Shizuoka University, and obtained his Ph.D (1997) at the Graduate School of Engineering, Osaka University. He was researcher (1994–1999) at New Japan Chemical Co. Ltd, assistant professor (1999–2005) at Osaka University and associate professor (2005–2010) at Nara Institute of Science and Technology. Since 2010, he has been a professor at Hokkaido University. He received The JPA (Japanese Photochemistry Association) Award (2013), the Award of MEXT (the Minister of Education, Culture, Sports, Science and Technology, Japan) (2017), and his major is study on lanthanide photochemistry and photophysics.

HIDEKI KASUYA

Presidential Advisor
Nagoya University
University Management

Dr. Hideki Kasuya obtained a MD from Aichi Medical University and a PhD in Medicine from Nagoya University Graduate School of Medicine. He is holding the title of FACS (Faculty of American College of Surgery). He spent time in Mass General Hospital (Dept. of Surgery, Boston) as a research fellow. Currently Dr. Kasuya is a Professor in Cancer Immune therapy, International Center for Medical Technology in USA, and Chairman of Cancer Immune Therapy in Nagoya University Graduate School of Medicine. He is responsible for international academic consortia including MIRAI Project at Nagoya University as a Presidential Advisor.

YASUSHI MARUYAMA

Vice President (International Exchange)
Hiroshima University
University Management

Prof. Yashushi Maruyama, Ph. D. (Florida State University) is a professor of Philosophy of Education and currently Vice President for International Exchange at Hiroshima University, Japan. He has served as an editor of various academic journals, including the editor-in-chief of Studies in the Philosophy of Education, a Journal of the Philosophy of Education Society of Japan.

His research interests contain the philosophy of Wittgenstein, philosophy of mind, ethics of teaching, professional ethics education and postcolonialism.

MASAFUMI NAKAHIGASHI

Vice-President, Professor
Nagoya University
University Management

Masafumi Nakahigashi is a Professor in the School of Law at Nagoya University. He is one of leading corporate and securities law scholars in Japan. Professor Nakahigashi received the Osumi Kenichiro Prize in recognition of excellence in academic research. He served as an Affiliated Scholar at the Centre for Business Law at the University of British Columbia and as an Associate of the Centre for Asia-Pacific Initiatives at the University of Victoria. He has been in charge of international affairs of Nagoya University as a Vice President since April 2019.



GREG NEELY

Professor, Deputy Dean
Umeå University
University Management

I am a professor in psychology and conduct research and teaching in cognitive and human factors psychology. I am currently the Deputy Dean of the Faculty of Social Sciences with particular responsibility for research development and graduate education.

MASAHIKO SAITO

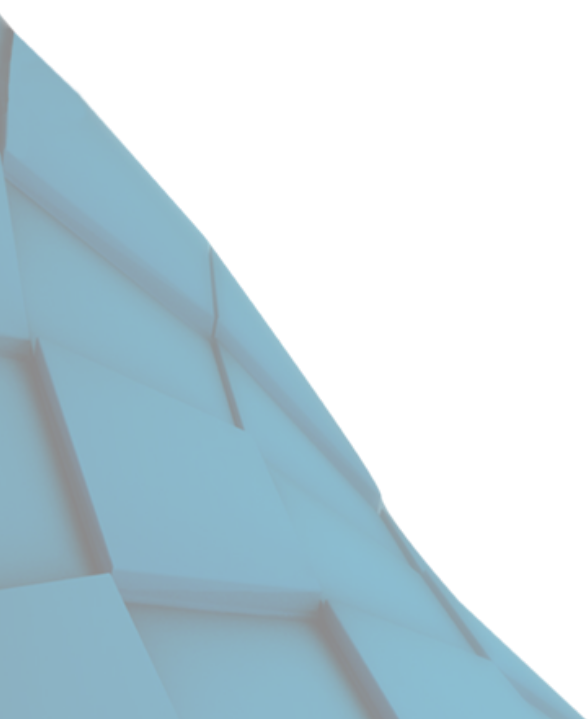
Ph D
Hiroshima University
University Management

Dr. Masahiko Saito received his doctoral degree from the University of Hiroshima in 2015 under the supervision of Professor Kazuo Takimiya. He is now assistant professor in University of Hiroshima. He currently works on the development of high-performance semiconducting polymers for organic field effect transistors and organic photovoltaics.

TORBJÖRN VON SCHANTZ

Vice-Chancellor
Lund University
University Management

Vice-Chancellor Torbjörn von Schantz is the University's chief representative and, on behalf of the University Board, is responsible for the management of the University's activities and ensuring the goals set by the University Board are achieved. Torbjörn von Schantz is a professor of zoology/animal ecology and has previously served as Deputy Vice-Chancellor at the Swedish University of Agricultural Sciences (SLU) and as the Dean of the Faculty of Science at Lund University. Torbjörn von Schantz has overall responsibility for all the University's activities (in cooperation with Deputy Vice-Chancellor Sylvia Schwaag Serger).





SAWAKO SHIRAHASE

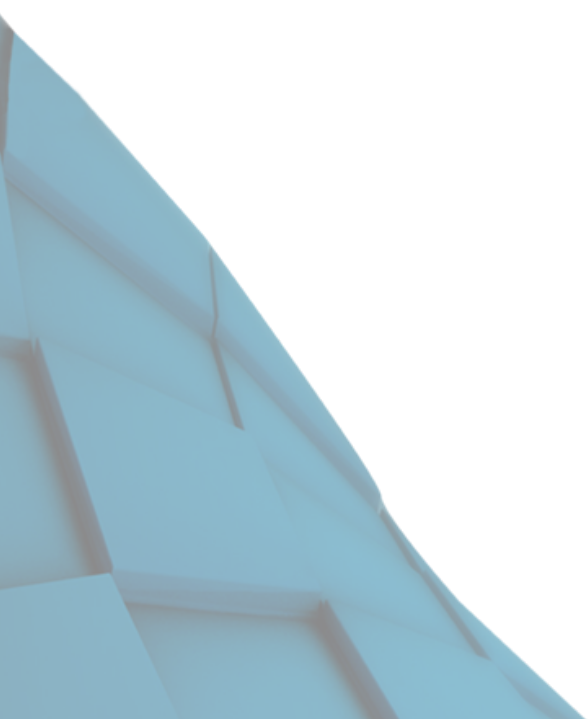
Executive Vice President
The University of Tokyo
University Management

Professor Sawako Shirahase was assigned as an Executive Vice President of the University of Tokyo on 1 April 2019, prior to which she was a Vice President. Dr. Shirahase is Professor of Sociology in the Graduate School of Humanities and Sociology, the University of Tokyo. She received her D.Phil. in Sociology from Oxford University, and her main research area is social inequality and stratification from the analytical perspective of gender and generation. Professor Shirahase is a leading sociologist specializing in ageing and social security issues in Japan. She served as a principal investigator in several large research projects. Professor Shirahase joined the University of Tokyo in 2006, and has served as a vice-dean of the Faculty of Letters for two years from 2014. She is currently a Vice President of the International Sociological Association.

STACEY RISTINMAA SÖRENSEN

Pro Vice-Chancellor
Lund University
University Management

Professor of physics at Lund University and head of the Division of Synchrotron Radiation Research. She is a member of the board of Lund Laser Centre and has previously held a number of other board positions, including at the Swedish Research Council and as vice-chair of MAX IV. She has also been a member and chair of the evaluation panel for molecular, cell and material research at the Council for Research Infrastructure (RFI). For six years she was pro-dean of the Faculty of Science.



JUNICHI TAKADA

Vice President / Professor
Tokyo Institute of Technology
University Management

- 1992: Doctor of Engineering in Electrical and Electronic Engineering, Tokyo Institute of Technology (Tokyo Tech)
- 1992-1994: Research Associate, Chiba University
- 1994-2006: Associate Professor, Tokyo Tech
- 2006-present: Professor, Tokyo Tech
- 2008-2010: Chair, Department of International Development Engineering, Graduate School of Science and Engineering
- 2016-2018: Chair, Department of Transdisciplinary Science and Engineering, School of Environment and Society
- 2019-present: Vice President for international affairs, Tokyo Tech

Major: wireless communications, ICT for development.

MASATO WAKAYAMA

Executive Vice President
Kyushu University
University Management

Prof. Masato Wakayama is Executive Vice President, Kyushu University. He has published over 100 referred research papers in mathematics and obtained a PhD from Hiroshima University in 1985. He joined Kyushu University as Associate Professor in 1994, became Professor of mathematics in 1997, and has been Distinguished Professor since 2009. Before taking up his current position, he held various leadership positions in Kyushu University, which include Dean of the Faculty of Mathematics and Graduate School of Mathematics (2006-2010), Director of the Center for the Promotion of Excellence in Higher Education (2010-2011), Executive Vice Dean of the Faculty of Arts and Science (2011-2014), and Vice President (2010-2014) as well as the founding director of the Institute of Mathematics for Industry (2011-2014).

EVA WIBERG

Vice-Chancellor

University of Gothenburg

University Management

Eva Wiberg is a Professor in Italian and since 1 July 2017 the Vice-Chancellor at the University of Gothenburg. From 2012 to June 2017 she was the Pro-Vice-Chancellor at Lund University. Eva Wiberg has long experience of teaching and supervising. Her research concerns second language acquisition and bilingualism, with focus on Italian. She is a member of several international networks and has been active in the European network LERU and the global network Universitas 21, for which she was the Executive Director during 2015-2016. Eva Wiberg has also been an active member of the World Conference of University Rectors.

EVA ÅKESSON

Vice-Chancellor

Uppsala University

University Management

Professor Eva Åkesson, Vice-Chancellor of Uppsala University since 1 January 2012. Eva Åkesson is a professor of chemical physics. Prior to her appointment in Uppsala, she was deputy vice-chancellor of Lund University. She has served on the IUPAC Committee on Chemistry Education and is a member of the Council of the University of Tartu and of the Scientific Advisory Board of Tübingen University. She has chaired the Matariki Network of Universities and the Southern African-Nordic Centre and is vice-chair of the Guild of European Research-Intensive Universities.

VIKTOR ÖWALL

Dean

Lund University

University Management

Viktor Öwall is Professor in Electronics and the Dean of Engineering at Lund University. He got a PhD from Lund in 1994 and did a postdoc at UCLA. He has held the positions of director of undergraduate studies and Head of Department Before being elected for Dean. He led an industrial research center at Lund University and has participated in numerous research projects, both national and international.

Ageing Session

TAKAYUKI AKIMOTO

Professor

Waseda University

Ageing workshop

Dr. Akimoto obtained Ph.D. degree (2000) in Clinical Immunology from University of Tsukuba in Japan. After serving as Research Associate (2000-2004) in the Graduate School of Art and Sciences at the University of Tokyo, he received his post-doctoral training (2003-2005) in Department of Cardiology at Duke University Medical Center in the US. Dr. Akimoto moved to Waseda University in 2005 and launched his independent research. Then he moved to the Graduate School of Medicine at the University of Tokyo as Assistant Professor (2007-2016). During this period, he spent one year at University of Padova as Visiting Professor. Dr. Akimoto joined Faculty of Sport Sciences, Waseda University as Professor in 2016. Dr. Akimoto is known for his expertise in animal and cell culture models of mechanical stress and his research on muscle in health and disease. He has authored more than 100 peer-reviewed articles and book chapters.

TOMOYUKI AKITA

PhD

Hiroshima University

Ageing workshop

Dr. Tomoyuki Akita graduated at Department of Mathematics, Hiroshima University in 2010, and currently works in medical school since 2011.

TORU ASAHI

Professor

Waseda University

Ageing workshop

Toru Asahi is Professor of Department of Life Science and Medical Bioscience, Department of Advanced Science and Engineering, and Department of Nanoscience and Nanoengineering, Graduate School of Advanced Science and Engineering, Faculty of Science and Engineering in Waseda University (PhD in 1992 and MBA in 2007). He is Deputy Director of Research Organization for Nano Life Innovation, Director of Global Consolidated Research Institute for Science Wisdom, and Director of Doctoral Student Career Center. He is the Program Coordinator of "Leading Graduate Program in Science and Engineering, Waseda University; Energy Next", "Doctoral program for Data-Related Innovation Expert" of the Ministry of Education, Culture, Sports, Science and Technology (MEXT). His current research interests are High Accuracy Universal Polarimeter (HAUP), Crystal Optics, Chiral Crystallography, Thalidomide, Chiroptical Spectroscopy, Amino Acids, Nano-Chiral Science, Magnetic Materials, Ferroelectrics, Alzheimer Disease, Symmetry Breaking. He was awarded the Molecular Chirality Award 2016.

CARL-JOHAN BORAXBEKK

Professor
Umeå University
Ageing workshop

Professor of cognitive neuroscience of aging with a particular focus on interventions (physical exercise, memory training ,diet etc) to enhance brain health throughout lifespan.

YUTO KITAMURA

Associate Professor
The University of Tokyo
Ageing workshop

Yuto Kitamura is Associate Professor at Graduate School of Education, The University of Tokyo. He received his Ph.D. in Education from University of California, Los Angeles (UCLA). He had worked as Assistant Education Specialist in the Education Sector of UNESCO in Paris and taught as Associate Professor at Nagoya University and Sophia University in Japan. He was the Fulbright Scholar at the George Washington University, Visiting Professor at The University of Dhaka in Bangladesh, and Visiting Scholar at the Institute for the Advanced Study of Sustainability, The United Nations University.

SARA EKMARK LEWÉN

PhD
Uppsala University
Ageing workshop

Researcher at Molecular geriatrics Uppsala University, in Martin Ingelssons research group. My research is about disease mechanisms in Parkinson's disease, immunotherapy and behavioral evaluation.

HÅKAN FISCHER

Professor
Stockholm University/Karolinska
Ageing workshop

I am professor in Biological psychology at Department of Psychology, Stockholm university. One of my main research topics is psychological aging from a brain, cognition and emotion perspective. In my research group we are currently focusing on how aging is affecting different aspects of emotion recognition (in faces, voices and body) from a behavior and brain perspective, and how sleep influence these functions.

STEFAN FORS

Associate Professor
Stockholm University/Karolinska
Ageing workshop

Trained sociologist, PhD in Social Work, Associate professor of Public Health. Mostly do research on health inequalities and health trends in old age.

KRISTIN FRANZON

Ph D

Uppsala University

Ageing workshop

Kristin Franzon works as a geriatrician at Uppsala University Hospital and she defended her thesis in May 2019. The name of the thesis was Independent ageing in old Swedish men and it was based on data from the Uppsala Longitudinal Study of Adult Men, a prospective cohort study. Kristin is now part of a new research project, which has received a 3-year grant from the Kamprad Family Foundation. The aim of this project is to improve information transfer, from hospital to patient and to primary care, concerning drug changes during hospitalisation.

RONG FU

Assistant Professor

Waseda University

Ageing workshop

Education:

PhD in Economics, Waseda University

Rong Fu is an assistant Professor at Faculty of Political Science and Economics of Waseda University. Her recent studies focus on the influence of demographic and socioeconomic factors on health statuses and various spillover effects of Japanese public health and long-term care policies. She received her PhD in Economics from Waseda University.

Dr. Fu's research interests are socioeconomic determinants of health, healthcare and long-term care.

SUSANNE GUSTAFSSON

Associate Professor

University of Gothenburg

Ageing workshop

Susanne Gustafsson has a PhD in medical sciences-occupational therapy. Institute of Neuroscience and Physiology, Department of Health and Rehabilitation, Unit of Occupational Therapy, the Sahlgrenska Academy, Gothenburg University, Sweden. She is currently associate professor and senior lecturer in occupational therapy at University of Gothenburg. Her research interests are welfare technology and its implementation in the municipality, aging in the context of migration, and health-promoting interventions for older adults.

YOSHIHISA HIRAKAWA

Associate Professor

Nagoya University

Ageing workshop

Yoshihisa Hirakawa became a physician in 1998. He received his Ph.D. degree from Nagoya University in Sep 2004. His current duties are physician (dementia outpatient clinic and psychiatric hospital) and community care consultant. His major research fields are geriatric medicine, gerontology, public health, and medical education. His major interests are geriatrics and gerontology, prevention of NCDs, long-term care systems, interprofessional education and work, end-of-life care, and community-based integrated care system.

SARFRAZ IQBAL

PhD

Linnaeus University

Ageing workshop

Dr. Iqbal is currently working as Assistant professor at Linnaeus University. He has received his PhD in the field of Computer and Systems Science from department of Computer Science, Electrical and Space Engineering at Luleå University of Technology (LTU). Dr. Iqbal has experience of pedagogical development of different courses and E-learning platforms to teach Master Program in Information Security. He has been teaching at Masterlevel courses for Information Systems and Information Security programs. His research interest is in the realm of Information Systems including Information Management, Ageing, Information Security, Information and Communication Technologies for development (ICT4D) and E-learning.

PÄIVI JOKELA

Associate Professor

Linnaeus University

Ageing workshop

Päivi Jokela is an associate professor in the Department of Informatics at Linnaeus University.

ILIR JUSUFI

PhD

Linnaeus University

Ageing workshop

I am Senior Lecturer at the Department of Computer Science and Media Technology at Linnaeus University, Växjö, Sweden. I am interested in the fields of Information Visualization and Visual Analytics with the focus on large multivariate datasets typically found in life sciences, humanities, IoT contexts, and/or software engineering. My research vision is to combine the strengths of the human visual system and its potential to discern visual patterns with the computational superiority of the machines with the aim of detecting the unexpected in Big Data applications.

BOO JOHANSSON

Professor

University of Gothenburg

Ageing workshop

Senior professor; focus on cognitive and mental health in late adulthood and aging.

SUSANNE KELFVE

Postdoc researcher

Linköping University

Ageing workshop

Susanne Kelfve has a PhD in Sociology from Stockholm University. She is currently working as a postdoctoral fellow in Ageing and Later life at Linköping University. Susanne is also affiliated to Aging Research Center at Karolinska Institutet/Stockholm University. Susanne's research is interdisciplinary and mainly focused towards social inequality in later life. She is interested in patterns of living conditions, how these living conditions changes over time and the impact of these differences for quality of life, health and longevity. In addition, she has a special interest in methodological challenges in population studies about older people's health and living conditions.

LINDA KRIDAHL

PhD

Stockholm University

Ageing workshop

I work at the Stockholm University Demography Unit. Currently, I study older couples focusing on economic conflicts, household money management, relational satisfaction, and gender equality. I also work on a study where we compare different definitions of retirement in register data and subjective definition in survey data. Previously, I studied retirement in Sweden focusing on leisure and family (older parents, grandchildren, and partnership). I also studied filial care in Sweden addressing whether childhood family dissolution and parents' living arrangement influence adult children's support.

JUN KUBOTA

Visiting researcher
Lund university
Ageing workshop

Jun Kubota is a master course student in Japan, and visiting researcher in Sweden.

STEFANIE KÖNIG

Ph D
University of Gothenburg
Ageing workshop

Stefanie König as a PhD in Social Science from University of Mannheim (2016), and did her post-doc at the Psychology department at Gothenburg University (2016-2018). She is currently involved in a project on post-retirement work in Sweden, the USA and Japan, and a project on quality of life across the retirement transition. Her main research interests with regard to ageing are retirement and late careers. Previously, She focused on determinants of retirement transitions by applying a life course perspective. More recently, her focus shifted from determinants to outcomes of retirement, looking at health and psychological wellbeing. Throughout her research, she has a strong interest on social inequalities and particularly gender differences.

YANKI LEE

PhD
Linnaeus University/Enable Foundation
Ageing workshop

Yanki Lee, PhD, Enable Foundation (Hong Kong London) and Design Change @ Linnaeus University (Sweden). Award-winning social designer, design researcher, educator and cofounder of Enable Foundation, Dr Lee received her MA in Architecture from the Royal College of Art (RCA) and a PhD in design participation from Hong Kong Polytechnic University. She worked as a Research Fellow at the Royal College of Art's Helen Hamlyn Centre for Inclusive Design since year 2000. In 2017, receiving a startup funding from HKSAR Government's Social Innovation and Entrepreneurship Development (SIE) Fund to support an innovative cross-generational innovation programme called Social Innovation Design Lab (SIDLab). Enable Foundation is a non-profit social design agency in Hong Kong with expertise in cross-generational co-creation and design researches for real-world impact through developing capacity training programmes and projects on design thinking and actions.

EMANUEL LELEITO

Associate Professor
Nagoya University
Ageing workshop

Emanuel Leleito received his Ph.D. from Toyohashi University of Technology, Department of Architecture/Civil Engineering, Japan. He is affiliated with the School of Engineering and the Disaster Mitigation Research Center at Nagoya University. Recent research interest includes harnessing big data for disaster risk reduction (DRR) in the built environment. An avid promoter of education that bridges disciplinary divides, he enjoys exploring how creativity can be integrated into the DRR curriculum to enhance learning and accelerate innovation. He is a member of the Architectural Institute of Japan, the Japan Association of Regional Development and Vitalization (Board Member and Director), etc.

CHARLOTTA NILSEN

PhD
Stockholm University
Ageing workshop

Postdoctoral researcher in social gerontology at the Aging Research Center in Stockholm Sweden. Ph.D. in medical science (Karolinska Institutet), MSc in Gerontology (Jönköping University) and BSc in public health science (Gothenburg University). Research interests: i) Long-term implications from work-life on post-retirement health and function, ii) work-life balance, and iii) health and leisure in older adults living alone. I want to do more research on the predictors of healthy and active aging with a particular focus on workers at the end of their work careers.

HARUKO NOGUCHI

Professor
Waseda University
Ageing workshop

Professor Haruko Noguchi graduated from Waseda University Graduate School of Economics and received her Ph.D. in economics from the Graduate Center of the City University of New York in 1997. After working at Stanford University and the National Bureau of Economic Research, she returned to Japan in 2000 and worked at Toyo Eiwa University and the National Institute of Population and Social Security Research. She became Professor at Waseda University's Faculty of Political Science and Economics since 2012 and currently Associate Dean of School of Public Management and Director of the Waseda Institute of Social Human Capital Studies.

MOJGAN PADYAB

Associate Professor

Umeå University

Ageing workshop

Associate professor in social work. I have a background in statistics and work with health determinants from a life course perspective.

DIANA PERSSON

PhD

Stockholm University

Ageing workshop

My research focus is on how we recognize emotions through facial and vocal expressions, both separately and combined. I am interested in how factors such as aging, gender, hormones, genes, treatment, and brain activity interact. I also study social-emotional memory as well as how we assess social characteristics such as attractiveness, competence, trustworthiness, and the like through facial expressions. To address these issues, we use behavioral and brain activity methods as well as a developmental approach. One of the mayor projects in which I am involved is about the effects of oxytocin, socio-emotional behavior and brain function in younger and older adults. In this clinical trial study we investigate whether oxytocin facilitates the recognition of emotions from others. I am also collaborating on a project about training psychology students to improve their emotional recognition skills and its effects in the brain. I am particularly interested in conducting interdisciplinary research where I can combine a variety of research methods.

ENRICO RONCHI

Associate Professor

Lund University

Ageing workshop

Enrico Ronchi is an Associate Professor at the Division of Fire Safety Engineering at Lund University, Sweden. His research concerns the study of evacuation design and human behaviour in fire.

GLENN SANDSTRÖM

Associate Professor
Umeå University
Ageing workshop

Glenn Sandström is Docent in demography at the Centre for Demographic and Ageing Research (CEDAR) at Umeå University, Sweden and he is also a Research Affiliate, at the Stockholm University Demography Unit (SUDA), Department of Sociology, Stockholm University. Sandström research focus on changes in family dynamics and gender relations such as the long-term development of family stability and fertility in Sweden and other developed nations. Sandström coordinates the work package Single Living, Co-Residence and Family Complexity among the Elderly of Today and Tomorrow in the research program Ageing well - individuals, families and households under changing demographic regimes in Sweden.

HUIXIN WANG

Professor
Stockholm University
Ageing workshop

My research field focus on psychosocial factors and risk of age-related diseases, especially cognitive dysfunction.

HUGO WESTERLUND

Professor
Stockholm University
Ageing workshop

Hugo Westerlund is professor of epidemiology specialising in the prospective influence of working life participation and psychosocial working conditions on health, especially among older workers, including the potentially bi-directional associations between health and retirement.

SHINJI YAMAMOTO

MD, PhD
Uppsala University Hospital
Ageing workshop

I am a medical doctor and Ph.D working at Uppsala University Hospital department of surgery as a surgeon. I came to work at Karolinska Insitutet 2005 as a posdoc and moved to Uppsala 2008.

Innovation Session

CHRISTINA BENDZ

PhD Senior Innovation Developer
Stockholm University
Innovation workshop

PhD in Medical and physiological Chemistry. Industrial research and development.
Innovation support.

LISANDRO BERNARDO

Business Developer
Umeå University Holding
Innovation workshop

As a business developer my role is to evaluate and support commercialization and utilization of research-based ideas that come from researchers at Umeå University.

JOHAN ERIKSSON

Associate Professor
Uppsala University
Innovation workshop

Johan Eriksson is an Associate Professsor and Senior Lecturer in Art History at Uppsala University. His research focuses on Digital Art History and implementation and dissemination of digital tools, interfaces and visualizations of historical art and architecture. He collaborates with Tokyo Tech and was a JSPS Research Fellow at Waseda University in the Spring 2019.

LARS FRIBERG

Country manager
Vinnova
Innovation workshop

Lars Fiberg is a Country Manager for innovation collaboration with China and Japan.

HENRIK FRIDÉN

Program manager

Vinnova

Innovation workshop

Dr. Henrik Fridén is a program manager at Vinnova, the Swedish Innovation Agency, responsible for cooperation with Japan. He has a Ph.D. in Microbiology from Lund University and has since served various positions in private and public organizations.

EMMA HERMANSSON

Innovation advisor/CEO

Linnaeus University

Innovation workshop

I work as an innovation advisor and a CEO for Linnaeus University's holding Company. Before entering the University I founded a business incubator and was their first CEO. Have experience from small as well as very big companies.

RYOYO IKEBUCHI

PhD

Uppsala University

Innovation workshop

Ryoyo Ikebuchi has worked at Professor Ulf Landegren's laboratory since 2018 with financial support from Japan Society for the Promotion of Science. Ryoyo is interested in establishment of novel biotechnological methods for the integration of biotechnology with virology; and their application to create a novel vaccination for arbovirus infections.

BJÖRN INGEMARSSON

Business Advisor

Uppsala University

Innovation workshop

UU Innovation helps Uppsala University researchers and students to commercialise their research results and business ideas, as well as to develop contacts and collaboration with business, government and non-profit organisations.

As business advisor at UU Innovation, I support researchers, students and employees at Uppsala University with evaluation and early stage development of their business ideas.

LEIF A KIRSEBOM

Professor

Uppsala University

Innovation workshop

Leif A. Kirsebom, Professor in Biology. PhD in Molecular Biology, Uppsala University (UU) 1985, post-doctoral training 1986-88 with Nobel Laureate Dr S. Altman, Yale University. He started his own research group at UU 1989. Research interests, RNA biology, mycobacteria and development of new antibiotics. 1998-2011 head of the Dept Cell and Molecular Biology, 2012-2017 director Biomedical Center, UU, 2013-17 Vice Chancellor's international affairs advisor. Since 2018 working with internationalization for UU. Current head of Dept Art History. Together with a colleague he founded Bioimics AB, a small research company devoted to the development of new antibiotics.

TAKEHIKO KITAMORI

Professor

The University of Tokyo

Innovation workshop

Professor Kitamori is Professor in the Department of Applied Chemistry, School of Engineering, the University of Tokyo (1998-present). He was Vice President of the University of Tokyo responsible for Human Resource Development and Internationalization (2012-2014), after serving as Dean of Faculty and Graduate School of Engineering. He has received numerous honors for innovative research, its area including Micro/Extended-Nano Fluidics, Extended-Nano Space Chemistry, and Applied Laser Spectroscopy. He was Adjunct Research Professor to the Ian Wark Research Institute, University of South Australia (2009-2015), Member of the Royal Physiographic Society in Lund (2014-), Distinguished Academic Visitor of National University of Singapore (2018-). He was awarded an Honorary Doctorate from Lund University in 2016.

PER KJELLIN

Business Advisor

Uppsala University

Innovation workshop

UU Innovation helps Uppsala University researchers and students to commercialise their research results and business ideas, as well as to develop contacts and collaboration with business, government and non-profit organisations.

As a business advisor at UU Innovation I support researchers, students and employees at Uppsala University regarding business development in an early stage.

NAOTO KOBAYASHI

Professor

Waseda University

Innovation workshop

Naoto Kobayashi received Ph.D. degree in 1978 from Kyoto University. In 1978, he joined the Electrotechnical Laboratory (ETL), MITI (Ministry of International Trade and Industry). He became Director of Photonics Research Institute of the National Institute of Advanced Industrial Science and Technology (AIST). From 2003 to 2009 he was Vice President of AIST. Since April 2009, he is professor and Associate Director of Center for Research Strategy (CRS), Waseda University. He currently also serves as Deputy Dean of Research Council of Waseda University, performing research related to photonics and management in the field of research strategy, research evaluation, entrepreneurship and innovation.

ULF LANDEGREN

Professor

Uppsala University

Innovation workshop

Ulf Landegren is professor of molecular medicine in Uppsala, developing and applying molecular tools for analyzing macromolecules. He is a member of EMBO, the Royal Swedish Academy of Sciences (KVA), Scientific Advisory Committee for European Academies (EASAC), and the Royal Society of Sciences at Uppsala. He is visiting senior scientist at RIKEN Institute, Yokohama, Japan, Fellow of School of Engineering, University of Tokyo, Japan. Landegren has authored 230 peer-reviewed publications and 44 patents or applications. His technologies have been licensed to 15 international biotech and diagnostic companies and formed the basis of ten companies with a total 300 employees.

GÖRAN LINDSTRÖM

PhD

Uppsala University

Innovation workshop

PhD in Entrepreneurship from Linköping University. Senior lecturer at Uppsala University since 2000. Manager Center for Entrepreneurship and Business development, Manager Uppsala School for Entrepreneurship since 2002. Research in entrepreneurship, venture finance and private equity.

MARIE LÖWEGREN

Senior Lecturer
Lund University
Innovation workshop

Senior Lecturer in Entrepreneurship at Sten K. Johnson Centre for Entrepreneurship, Lund University School of Economics and Management. Ph.D. in Business Administration 2003. Responsible for the development of entrepreneurship education at Lund University and co-founder of Sten K. Johnson Centre for Entrepreneurship (www.entrepreneur.lu.se/en) 2011. Served as its Director 2011-2018. National and international experience from entrepreneurship and innovation course development and teaching on all different levels in the higher education system, including adult learners and train-the-trainer programmes. Research interests concern Science parks and incubators, support system for entrepreneurs, pedagogical challenges in teaching and learning entrepreneurship and innovation.

EMI MAKINO

Associate Professor
Hiroshima University
Innovation workshop

Associate Professor, Chief Division Manager, Entrepreneurship Education Division, Department of Industry-Government and Community Collaboration at Hiroshima University. Began her career as a journalist in New York, covering internet startups and financial markets for Japan's largest business newspaper. She then established a successful freelance practice in Tokyo as a conference interpreter specializing in executive-level negotiations and meetings, investor relations, and conferences in a wide variety of industries. After receiving her PhD (Management) in 2013 from Claremont Graduate University, she has been teaching and designing entrepreneurship and management programs at Kyushu University, Tokyo University of Science, and now at Hiroshima University.

MASAHIRO MATSUURA

Special Contract Professor
Shiga University of Medical Science
Innovation workshop

I have worked on the academia-industry collaboration and also on the education for innovation and entrepreneurship.

KAREN WILLIAMS MIDDLETON

Associate Professor
Chalmers University of Technology
Innovation workshop

Karen Williams Middleton is an Associate Professor at the division of Entrepreneurship Strategy at Chalmers University of Technology in Gothenburg, Sweden. She is a long-standing faculty member at Chalmers School of Entrepreneurship which builds upon an integrated entrepreneurship education and incubation process to develop university and corporate research through newly created ventures while simultaneous training students in entrepreneurial processes. Karen's research addresses nascent stage venture creation within technology entrepreneurship and construction of entrepreneurial identity.

JIN MOEN

Programme Director
IoT Sverige
Innovation workshop

Programme Director for the strategic national innovation programme Internet of Things Sverige, aiming to increase the use of IoT technologies and data as a strategic resource in public sector, through financing collaborative innovation projects including public, private and academic parties. Extensive experience from the Swedish innovation system both as an entrepreneur and startup-founder/CEO, researcher in academia and at institutes, and innovation financing. Holds a PhD in Human Computer Interaction and a MSc in Engineering Physics, both from Royal Institute of Technology (KTH), and a BFA in Dance Education from Stockholm University of the Arts.

CHRISTER MÖLLER

Ph D
BioArctic AB
Innovation workshop

Christer Möller is Vice President Preclinical Development and the Chief Scientific Officer at BioArctic AB. He has a Ph.D. in Medical Science, Karolinska Institute and has a comprehensive academic experience after his Ph.D. With 20 years' experience from leading positions in small biotech companies he has a vast experience of developing protein drugs from idea to clinical trials. He also has a long-term experience in successful collaborations between academia and companies, as well as initiating and developing a successful long-term collaboration with the Japanese pharmaceutical company Eisai.

TOSHIO MURASE

Associate Professor
Waseda University
Innovation workshop

Toshio Murase is Associate Professor of Management at Waseda University. He has been fascinated about collaborative power enabling people to achieve marvelous projects that no one can accomplish alone. His specific interests are in the following areas: teams, leadership, social networks, and measurement issues. Currently, he has been investigating a way to extract psychologically meaningful information from digital and log data, and whether synchronized actions among members can enhance team performance. Dr. Murase obtained his Ph.D. in Industrial Organizational Psychology from University of Central Florida, and worked as post-doctoral fellow at Northwestern University and Georgia Institute of Technology. His research has appeared in the following journals: Journal of Management, The Leadership Quarterly, Group Dynamics: Theory, Research, Practice, Organizational Behavior and Human Decision Processes, Educational and Psychological Measurement, and Industrial and Organizational Psychology: Perspectives on Science and Practice.

MALIN GRAFFNER NORDBERG

Head of Commercial and IP Support
Uppsala University
Innovation workshop

PhD in Medicinal Chemistry from Uppsala University (2001) and MSc in MBA from Stockholm University (2013). Since 2012 head of IP- and commercialization at Uppsala University Innovation. Further back CEO of Innoventus Project AB, and senior researcher at Biovitrum AB (now SOBI AB). Founder of Apotheca Sverige AB, a private pharmacy company. Member of the Board at Uppsala Innovation Centre, UIC, one of Sweden's leading business incubators and accelerators and ranked by UBI Global as the world's 4th best business incubator affiliated with university. Also, member of the Board at Drivhuset Uppsala, a meeting place for young students who want to develop business ideas and have an entrepreneurial drive.

JENNY NORDQUIST

Ph D
Uppsala University
Innovation workshop

Jenny Nordquist is the head and collaboration management at Uppsala University Innovation.

HANS POHL

Programme Director
STINT

Innovation workshop

Hans Pohl (PhD) is Programme Director at the Swedish Foundation for International Cooperation in Research and Higher Education (STINT) and senior researcher at RISE Viktoria. At STINT, Pohl evaluates and develops the portfolio of programmes and studies new methods to capture internationalisation of higher education and research. Previous positions include analyst at VINNOVA, engineering consultant, science officer at the Swedish Office of ST in Bonn/Berlin and area manager at ABB Switchgear.

TOR REGBERG

Head Innovation Office
Stockholm University
Innovation workshop

PhD in organic chemistry from Stockholm University, postdoc at Rockefeller University. 15 years on management level in biotech industry. 12 years academic innovation support at Karolinska Institutet and Stockholm University.

MIKIKO SHIMAOKA

Professor
Waseda University
Innovation workshop

Ph.D. in Public Management, Waseda University (2013). Associate Researcher, Institute for Global Environmental Strategies (2011). Research Associate, Research Institute of the Faculty of Commerce, Waseda University (2011). Assistant Professor, CRS Waseda (2014-2015). Associate Professor, CRS Waseda (2016-), Advisor for the "Accelerate Cooperative Efforts to Promote Regional Vitalization" (The Ministry of Environment)(2015-), Deputy General Manager of WASEDA-EDGE program (2016-).

Materials Science

MARTIN ANDERSSON

Professor

Chalmers University of Technology

Materials Science workshop

Martin Andersson is professor in nanochemistry at Chalmers University of Technology, Department of Applied Chemistry. He received his PhD 2004 at Chalmers and started as an assistant professor 2008 appointed by the Swedish Research Council (VR) after spending two years as postdoctoral fellow at University of Florida, US. His research interests are in material science and surface chemistry with focus on formation of nanomaterials towards biological applications. He is currently leading a research group consisting of 10 PhD students and postdocs and has published about 100 scientific papers.

ROBIN ANDERSSON

Swedish Research Council

Materials Science workshop

Desk officer at the Swedish Research Council working with Sweden's engagement in research infrastructures and primarily ESS and Max IV. I am also the Swedish NCP (National Contact Point) within Horizon2020 concerning research infrastructures.

HAMID REZA BARZEGAR

Senior research assistant

Umeå University

Materials Science workshop

I received my PhD. at Umeå University in 2015. After completing two years research period at UC Berkeley as an international postdoc (supported by Vetenskapsrådet), in Sep. 2017, I returned back to Umeå University. My research interest is on synthesis and characterization of atomically thin materials. In particular I am interested on in situ transmission electron microscopy (TEM) experiments, such as electron microscopy in liquid phase or in situ TEM manipulation of nano structures.

LENNART BERGSTRÖM

Professor

Stockholm University

Materials Science workshop

Lennart Bergström is Professor in Materials Chemistry at Stockholm University, Sweden. His research interests includes processing multifunctional materials based on renewable and Earth-abundant raw materials. He is a member of the Royal Swedish Academy of Engineering Sciences (IVA) and a fellow of three scientific societies; two in ceramics (Fellow of the European Ceramic Society and American Ceramic Society) and one in chemistry (Fellow of Royal Society of Chemistry).

EMMA BJÖRK

PhD

Linköping University

Materials Science workshop

Assistant professor at Linköping University working on mesoporous materials for catalysis and drug delivery. Has developed a new type of mesoporous silica films and is interested in material formation and characterization.

TAKASHI HAYASHITA

Professor

Sophia University

Materials Science workshop

Professor at Sophia University (2005-present), 15th President of Sophia University (2014-2017).

BJÖRGVIN HJÖRVARSSON

Professor

Uppsala University

Materials Science workshop

Björgvin Hjörvarsson is heading the material physics group at the Department of Physics and Astronomy. He has an extensive expertise on low dimensional aspects of phase transitions, especially within the fields of magnetism and hydrogen in metals. Hjörvarsson is the PI of the Super ADAM project, which currently is the only Swedish neutron facility serving the scientific community. He is an elected member of the Royal Academy of Sciences and the Royal Society of Sciences.

PETRA JÖNSSON

PhD

Uppsala University

Materials Science workshop

Petra Jönsson obtained her PhD entitled "Anisotropy, disorder, and frustration in magnetic nanoparticle systems and spin glasses" in 2002 from Uppsala University. She did postdocs in Japan studying spin glasses and interacting nanoparticle systems at ISSP, University of Tokyo, and magnetic and optical properties of geometrically frustrated and strongly correlated transition-metal oxides at RIKEN. She is working at the Department of Physics and Astronomy, Uppsala University since 2005 with research and teaching. Her research interests include amorphous and nanostructured magnetic materials, as well as, magnetic, optical and structural characterization techniques.

MAKOTO KAMBARA

PhD

The University of Tokyo

Materials Science workshop

Obtained PhD degree from University of Tokyo on Materials and metallurgy 1999. Immediately moved to Cambridge Engineering department and worked as research associate and senior research associate on the topics of superconductors, involving several EC projects. After joining the current university since 2003, started plasma-associated processing to produce novel thermal barrier coatings for engine, silicon based solar cells, high sensitive gas sensors, and lithium-ion storages, with particular attentions to enhance / emerge specific functions by multi-scale structural control.

ULF KARLSSON

Professor em.

Linköping University

Materials Science workshop

Ulf Karlsson is professor emeritus in Materials Physics at Linköping University and full professor at the Royal Institute of Technology (KTH) in Stockholm. His research areas are surface structure and electron structure research with scanning tunneling microscopy/spectroscopy and synchrotron radiation spectroscopy, time-resolved laser photoelectron spectroscopy and electron dynamics, and synthesis and characterization of functional oxides. Professor Karlsson is author or co-author in over 200 scientific articles and another 200 conference contributions on synchrotron radiation research, thin film physics and surface physics. Among other memberships and responsibilities, professor Karlsson is the chair of Röntgen-Ångström collaboration with Germany, and is or has been member of several national or European boards and evaluation groups.

ANNELI KRUE

Professor

Stockholm University

Materials Science workshop

The field of studies of Anneli Krue is focused on mass spectrometry fundamentals and applications. Specifically, her group is working on establishing standard substance free quantification approach for LC/HRMS analysis. To obtain this her group uses modelling and machine learning to understand ionization processes in electrospray connecting the LC and MS. Based on this knowledge she is developing semi-quantitative non-targeted analysis methodology, creating a quantitative understanding of the sources of contamination in environment and food, and improving LC/HRMS based analysis methods. In 2018 she was selected to the Top 40 under 40 power list by the Analytical Scientist.

HIDEKI KUWAHARA

Professor

Sophia University

Materials Science workshop

Prof. Hideki Kuwahara received a B.S. from Kwansei-Gakuin University in 1987, and an M.S. from University of Tsukuba in 1992. He received his Ph.D. in Applied Physics from the University of Tokyo in 1998. After worked as a researcher for Tsukuba Research Laboratory, SANYO Electric Co., Ltd., he joined Sophia University in 1998 as a Lecturer with tenure of the Faculty of Science and Technology. He became an associate professor in 2000 and then a full professor in 2007. His research interest includes novel functional materials and related physics. The exploratory materials he focused on are 3d transition metal oxides as strongly correlated electron systems.

HAIDONG LIU

Post doctoral researcher

Uppsala University

Materials Science workshop

Dr. Haidong Liu is a postdoctoral researcher in Uppsala University now. He received his M.S. degree in 2012 from Shanghai University, and his Ph.D. degree in 2016 from University of Muenster (Germany) working under Prof. Martin Winter on cathode and anode materials for lithium ion batteries. Since Feb. 2018, he has worked as a postdoc under Prof. Kristina Edström in Uppsala University in the field of the high energy-density lithium ion batteries and advanced characterization techniques. He has published more than 20 peer-reviewed papers with total citing of over 1100, and received 1 German patent.

KOICHI MATSUO

PhD

Hiroshima University

Materials Science workshop

My research field is biophysics and I am interested in the structure-function relationships of biomolecules such as protein and sugar. We are using a chiroptical (or circular dichroism) spectroscopy with a synchrotron radiation as a tool for characterizing the biomolecule structure in aqueous solution. We are also developing the analytical methods of biomolecule structure by combining the experimental data with computational technique. Our facility has been approved as the Joint Usage/Research Center. I strongly hope that new collaborative researches will be created through this MIRAI seminar.

PIOTR MATYBA

PhD

Umeå University

Materials Science workshop

I earned my PhD (Umeå University, 2011) in experimental physics for work on electrochemical doping in organic semiconductors and applications of this doping to optoelectronics devices. During my postdoc (JILA Colorado), I entered the field of ultrafast photoemission spectroscopy and studied electron dynamics in condensed matter systems with femtosecond and attosecond temporal resolution. My current research (Umeå University, since 2015) combines materials science with ultrafast laser technology and photoelectron spectroscopy. I use time-resolved two-photon photoemission spectroscopy to investigate dynamics of optical excitations at metal surfaces and dynamics of electron-hole pairs (excitons) at interfaces of organic and inorganic semiconductors.

HIDEYUKI MURAKAMI

PhD

Waseda University

Materials Science workshop

After being awarded Doctor of Engineering at Department of Materials Science and Metallurgy, Tokyo University in 1991, Hideyuki Murakami joined National Research Institute for Metals (Former NIMS). From 1992 to 1994, he worked as a visiting scientist at University of Cambridge, and 2002 to 2005, worked as an Associate Professor at the University of Tokyo, then joined Waseda University as a fixed-term Professor from 2018. He is also working as a Managing Researcher at NIMS and Director member of Engineering Academy of Japan. His research interest is high temperature structural materials and their coatings.

ANDERS NILSSON

Professor

Stockholm University

Materials Science workshop

Anders Nilsson is a professor of Chemical Physics at Stockholm University. He received a PhD in physics at Uppsala University, Sweden (1989) in the laboratory created by the Nobel Laureate Kai Siegbahn. Before returning to Sweden in 2014 he was 15 years as a professor in Photon Science at Stanford University. His research interests include x-ray spectroscopy and scattering, chemical bonding and reactions on surfaces, ultrafast science, heterogeneous catalysis, electrocatalysis in fuel cells, photocatalysis for converting sunlight to fuels, structure of water and aqueous solutions.

TIINA NYPELÖ

Assistant Professor

Chalmers University of Technology

Materials Science workshop

Assistant Professor at the Division of Applied Chemistry at Chalmers since 2017. All research efforts of Tiina Nypelö target new materials from trees. The core is to build from liquid-rich state, gels, emulsions, dispersions, solutions, colloids toward solid organizations. She combines forest products technology, materials science and renewable resources for advancing sustainable materials engineering. The research efforts involve cellulose, hemicelluloses and lignins with emphasis on surface, interface, and intermolecular interactions. She holds a Doctor of Science degree from Aalto University (Finland) 2012 from Forest Products Technology.

TOSHIKAZU ONO

Assistant Professor

Kyushu University

Materials Science workshop

Toshikazu Ono earned his PhD from Kyushu University in 2010, where he studied synthesis and characterization of lipophilic polyelectrolyte gels under the supervision of Prof. Seiji Shinkai and Prof. Kazuki Sada. Then he joined the group of Prof. Eric T. Kool at Stanford University, and Prof. Takashi Hayashi at Osaka University as a JSPS postdoctoral fellow to study synthetic biology, chemical biology and bioinorganic chemistry. In 2012, he moved back to Kyushu University as an assistant professor. His current research interests focus on the development of functional soft-matters, organic dyes, photofunction crystalline materials, and bio-inspired catalytic systems based on supramolecular chemistry and coordination chemistry.

FOIVOS PERAKIS

Assistant Professor

Stockholm University

Materials Science workshop

Originally from Athens, Greece.

- 2002-2008: Diploma in Physics, Physics Department, University of Crete.
- 2008-2013: Ph.D. in Physical Chemistry, Institute of Physical Chemistry, University of Zurich.
- 2014-2016: Postdoctoral Scholar, SLAC National Accelerator Laboratory, Stanford University.
- 2016-2018: Researcher, Department of Physics, Stockholm University.
- 2019: Assistant Professor, Department of Physics, Stockholm University.

Research Interests:

- Develop and use coherent scattering techniques at synchrotrons and x-ray lasers.
- Study structural dynamics of water, aqueous solutions and proteins.

KAZUKI SADA

Professor

Hokkaido University

Materials Science workshop

Prof. Kazuki SADA got Ph.D. degree in 1991 from Kyoto University. In 1990, he started an academic career at Gifu University, as an assistant professor. In 1995, he moved to Osaka University. In 2002, he joined Prof. S. Shinkai's group as an associate professor at Kyushu University. Since 2010, he is a full professor at Department of Chemistry, Faculty of Science, Hokkaido University. His research interests include Supramolecular Chemistry, Polymer Chemistry, Crystal Engineering, Systems Chemistry and Dynamic Self-Assembly. Honors: "Prizes for Science and Technology, Research Category", The Commendation for Science and Technology by the Minister of Education, Culture, Sports, Science and Technology, Japan in 2008 and "31st Chemical Society of Japan Award for Creative Work" in 2014, and "The Award of the Society of Polymer Science, Japan (2016)".

EIKE F. SCHWIER

PhD

Hiroshima University

Materials Science workshop

For the last couple of years, I have been working at the Hiroshima Synchrotron as a beamline scientist. I am responsible for the Angle-Resolved Photoemission Beamline as well as the micro-Laser ARPES machine. Apart from machine development, my research focusses on superconductors and materials with novel electronic properties.

TIVA SHARIFI

PhD

Umeå University

Materials Science workshop

I am a senior research assistant with Umeå University specialized in energy conversion and storage systems based on low-dimensional materials.

NAOKI SHIMOSAKO

Postdoctoral Researcher

Sophia University

Materials Science workshop

I am a postdoc of Faculty of Science and Technology, Sophia University.

TOMOHIRO SHIRAKI

Professor

Kyushu University

Materials Science workshop

Tomohiro Shiraki received his PhD from Kyushu University under the supervision of Prof. Nobuo Kimizuka. He worked as a postdoctoral researcher at the Institute of Systems, Information Technologies and Nanotechnologies (ISIT) in Fukuoka, Japan under the supervision of Prof. Seiji Shinkai and as a JSPS Postdoctoral Fellow for Research Abroad at Prof. Jeffrey S. Moore group in the University of Illinois at Urbana-Champaign. He was an assistant professor in Department of Applied Chemistry, Kyushu University, Japan. Since 2018, he is an associate professor in the same department. His research interests include nanocarbon science and supramolecular/ polymer chemistry.

MIKA SIPPONEN

Assistant Professor
Stockholm University
Materials Science workshop

Mika Sipponen is an Assistant Professor in Sustainable Materials Chemistry at the Department of Materials and Environmental Chemistry (MMK) in Stockholm University. His current research program is focused on developing functional lignin-based materials for energy and environmental applications. He has made research stays spanning from a few weeks to one year in China (2009), France (2012), Italy (2017) and Japan (2019). In addition to international academic collaboration, his group pursues cooperation with industrial partners to demonstrate and scale-up the novel materials.

TOYONOBU USUKI

Associate Professor
Sophia University
Materials Science workshop

Toyonobu Usuki obtained his B.S., M.S., and Ph.D. degrees in chemistry under the supervision of Professor Masahiro Hirama and Professor Masayuki Inoue from Tohoku University, Sendai, Japan, in 2000, 2002, and 2005, respectively. After postdoctoral studies in the laboratory of Professor Koji Nakanishi at the Department of Chemistry, Columbia University, New York, USA, from 2005 to 2007 as a JSPS Postdoctoral Fellow for Research Abroad, he joined the Department of Materials and Life Sciences, Sophia University, Tokyo, Japan, as an Assistant Professor (Principal Investigator) in 2008. Since 2013, he is an Associate Professor at the same university. His research interests include natural products chemistry, organic chemistry, medicinal chemistry, and bioorganic chemistry.

JESPER WALLENTIN

Associate Professor
Lund University
Materials Science workshop

My research concerns the intersection of nanoscience and X-ray science. We use X-rays to investigate nanostructured devices, and we develop nanostructures as X-ray detectors. We have a strong collaboration with MAX IV, and we also visit other synchrotrons for experiments.

FENG WANG

Assistant Professor
Linköping University
Materials Science workshop

I am a materials chemist. My core expertise lies in developing novel materials for renewable energy areas, including solar cells and photocatalytic water splitting. I was offered "VINNMER Fellowship" (Sweden, 2017) and "Marie Skłodowska-Curie Individual Fellowship" (European Commission, 2018), and now an Assistant Professor at Linköping University (2018). I have co-authored 39 peer-reviewed publications (over 3213 citations; h-index 29) and one book chapter (Elsevier). I am also a co-inventor of one licensed US patent.

JIAYIN YUAN

Professor

Stockholm University

Materials Science workshop

Jiayin Yuan is a professor in materials chemistry at Stockholm University. He has a very international study and research background in different countries, including China, Germany, USA and now Sweden. His research activity deals with functional polymers and carbon materials for energy, environment and catalysis application. One of this current research focuses is to synthesis and apply heteroatom-doped hierarchically porous carbon membranes as electrode and electrocatalyst for energy conversion and storage.

JOHAN ÅKERMAN

Professor

University of Gothenburg

Materials Science workshop

Prof. Johan Åkerman received his Ph.D. in Materials Physics from KTH Royal Institute of Technology in 2000. After a post-doc at University of California, San Diego, he joined Motorola, for four years, to be responsible for MRAM reliability. The MRAM technology he helped to launch remains the most commercially successfully MRAM to date. In 2005, he returned to Sweden to start his own research group at the Department of Materials and Nanophysics at KTH Royal Institute of Technology. In 2008 he was recruited as Full Professor to the Physics Department at University of Gothenburg, while remaining a Guest Professor at KTH. Prof. Åkerman has been working with spintronic technology for the last 20 years and has authored over 250 scientific papers, cited about 9500 times, holds 10 patents, and has given over 100 invited talks. He is also the founder and CEO of two start-up companies, NanOsc AB, commercializing spintronic devices, and NanOsc Instruments AB, designing and manufacturing spectrometers for ferromagnetic resonance measurements at cryogenic and room temperatures. His main projects are related to spin torque and spin Hall nano-oscillators, with particular focus on mutual synchronization, magnetodynamical solitons, and oscillator networks for neuromorphic computing.

Sustainability Sessions

AGNETA ANDERSSON

Professor

Umeå University

Sustainability workshop

Agneta Andersson is professor in Pelagic Ecology at the Department of Ecology and Environmental Science, Umeå University. She leads a research group working with aquatic microbial food webs, especially focusing on environmental drivers for protozoa-bacteria interactions. Andersson is scientific coordinator of a Swedish marine strategic research program – EcoChange – Ecosystem dynamics in the Baltic Sea in a climate change perspective. She has extensive national and international collaborations, and is board member of the Royal Swedish Academy of Sciences' National Committee for Global Environmental Change.

DAVID BASTVIKEN

Professor

Linköping University

Sustainability workshop

Professor at the Department of Thematic Studies (TEMA) at Linköping University, David Bastviken is interested in greenhouse gas fluxes and their regulation across scales, elemental cycling of chlorine, carbon and other nutrients, and how to generate safe drinking water. He also values method development in overall environmental research.

MALGORZATA BLICHARSKA

Associate Professor

Uppsala University

Sustainability workshop

Associate Professor Malgorzata Blicharska is a Senior Lecturer at Natural Resources and Sustainable Development Programme, Department of Earth Sciences, Uppsala University, Sweden. Her key research interests relate to the sustainable management of natural resources with a particular focus on stakeholder engagement, environmental conflicts, values, attitudes, inequality, planning and argumentation for biodiversity conservation and public participation in environmental decision making. In addition, she is interested in the ongoing transition from an eco-centric to an anthropocentric agenda for biodiversity conservation and natural resources management, particularly working with the ecosystem services concept, policy implementation and governance.

PIERRE DE WIT

PhD

University of Gothenburg

Sustainability workshop

I work with genetic methods to study differences in DNA sequences between populations and species of marine organisms. The goal of my current work is to find out how marine animals are affected genetically when they are exposed to environmental changes such as ocean acidification or changes in salinity, which will hopefully allow us to identify genotypes tolerant to the predicted environment. In order to do this, we can use new DNA sequencing technologies to scan their genomes for differences that confer tolerance to environmental change.

GEORGIA DESTOUNI

Professor

Stockholm University

Sustainability workshop

Georgia Destouni is Professor of Hydrology and Head of the Department of Physical Geography at Stockholm University, Sweden. Her research topics and interests include hydrology, water resources, environmental change, climate change and Arctic change. She is member of the Royal Swedish Academy of Sciences and of the Royal Swedish Academy of Engineering Sciences, fellow of the American Geophysical Union (AGU), Henry Darcy Medalist of the European Geosciences Union (EGU), and has many international and national assignments and commissions of trust.

MAYA ENDO-KIMURA

Postdoctoral fellow

Hokkaido University

Sustainability workshop

Maya Endo-Kimura is a postdoctoral fellow in Institute for Catalysis, Hokkaido University, Japan. Her research topic is antimicrobial property of plasmonic photocatalyst. She is also interested in the practical application of plasmonic photocatalyst for the water treatment.

MANABU FUJII

Specially Appointed Associate Professor

Tokyo Institute of Technology

Sustainability workshop

I earned my Ph.D from Tohoku University (Civil Environmental Engineering) Japan in 2007 with work on trace metal transformation kinetics in natural waters. Since the completion of my ph.D thesis, I had continued work on the related research in the University of New South Wales as a JSPS research fellow. Then, I moved to assistant professor position at Tokyo Institute of Technology. Since 2015, I have been working as a specially appointed associate professor. My research interest is water science and engineering including characterization of affected and natural aqueous systems and water and wastewater engineering.

SHIGENORI FUJIKAWA

Associate Professor

Kyushu University

Sustainability workshop

Dr. Shigenori Fujikawa is currently associate professor of Kyushu University. He received his Bachelor and Master from Faculty of Engineering, Kyushu University and Ph.D. degrees from Kyushu University. After postdoctoral researcher in Yale University in 2000, He joined the research project at RIKEN in Japan and was promoted to team leader from 2004. In 2012, he moved to Kyushu university and became Lead Principle Investigator of CO2 capture and utilization division of International Institute for Carbon-Neutral Energy Research, Kyushu University. He is also board member of Nanomembrane Technologies Inc. to develop ultrathin film technologies based on the achievement of the fundamental researches at RIKEN.

GUANGWEI HUANG

Professor

Sophia University

Sustainability workshop

Dr. Huang joined Sophia University as a Professor since 2011. He received his Bachelor from Fudan University, China, Master and Ph.D. degrees from the University of Tokyo. His career includes Associate Professor in Graduate School of Frontier Sciences, the University of Tokyo; Professor for Joint Educational Program between International Center for Water Hazard and Risk Management under the auspices of UNESCO and National Graduate Institute for Policy Studies. Passionate about water, his study evolved from fluid dynamics to water quality modeling and to integrated watershed science and management. In recent years, his main research focus is sustainability science from water perspective such as wetland conservation and wise use, integration of flood risk analysis with urban planning and innovative water resources development.

ZAHRA KALANTARI

Associate Professor

Stockholm University

Sustainability workshop

Zahra Kalantari is Associate Professor at Stockholm University and Research Area Co-Leader of Bolin Centre for Climate Research. Her Special field of research is in the areas of combination of science and application to manage current and mitigate future climate and land use changes affecting catchment hydrological responses, vulnerability assessment to water-related disasters and adaptive land-use planning for decision support and Nature-Based Solutions for sustainable rural and urban development.

TOMONORI KINDAICHI

Assistant Professor

Hiroshima University

Sustainability workshop

I am an Assistant Professor in Department of Civil and Environmental Engineering, Hiroshima University. My background is environmental engineering, especially water supply, wastewater treatment, and environmental microbiology. Main research interests are (1) cost-effective wastewater treatment with focus on membrane technology and anaerobic ammonium oxidation (anammox) process, (2) ecology and physiology of nitrogen-cycling microorganisms with focus on nitrifying bacteria and anammox bacteria, (3) microbiology of wastewater treatment, (4) molecular and isotopic techniques to investigate uncultured microorganisms.

LETENG LIN

PhD

Linnaeus University

Sustainability workshop

Leteng Lin got his PhD in chemical engineering from Linnaeus University of Sweden in 2013. He is working as senior lecturer at Linnaeus University of Sweden. He is engaged in teaching both bachelor and master education programs. He had excellent experience to supervise both master and PhD students. Major research interests is on the optimization of biomass gasification and combustion system, dealing with problems related with char conversion, tar cracking, gas cleaning and particle emission reduction. He is also trying to apply the aerosol techniques in the nano-energy material field, for example, to deposit nano catalyst particle on SiC surfaces.

BJÖRN-OLA LINNÉR

Professor

Linköping University

Sustainability workshop

Professor Björn-Ola Linnér's research focuses on transnational governance on climate change and sustainable development goals, societal transformations toward sustainable development, and methods for policy analysis and dialogue. Published books include among others *The Return of Malthus: Environmentalism and Postwar Population-Resource Crises* (Whitehorse Press), *The Political Economy of Climate Change Adaptation* (Palgrave Macmillan) and the 2019 forthcoming *Sustainability Transformations across Societies: Agents and Drivers of Social Change* (Cambridge University Press).

FEDERICO MICOLUCCI

Postdoctoral Researcher

Lund University

Sustainability workshop

Postdoc at the chemical engineering department of Lund university in the field of wastewater treatment via membrane technologies, for micro pollutants removal and nutrients recovery. My research focuses on the integration and optimization of membrane developments as stand-alone units and as part of hybrid processes. Expert on the development of pilot plants for the production of bio-based products (short chain fatty acids, hydrogen, methane) and biopolymers from organic waste and sewage sludge. I am working on a New collaboration with Hiroshima and Göteborg Universities on applying membrane technology and Anammox bacteria to water treatment in fish basins.

SHINICHIRO NAKAMURA

Associate Professor

Nagoya University

Sustainability workshop

Dr. Shinichiro NAKAMURA is an associate professor of the Department of Civil Engineering, Nagoya University, Japan. His specialties are hydrology, water resources management, and land-infrastructure design. He has conducted researches on

- 1) sustainable basin management in urban area,
- 2) evaluation of climate change impacts and adaptations in developing countries,
- 3) analysis of socio-hydrological processes in Asian monsoon region.

He has been involved in a number of water related research projects in Asian countries including "Advancing Co-design of Integrated Strategies with Adaptation to Climate Change in Thailand (JICA/JST)." He received his Ph.D. in Engineering from the University of Tokyo.

MAI THANH NGUYEN

PhD

Hokkaido University

Sustainability workshop

My research focuses on green synthesis of nanoparticles of metals, metal alloys, metal oxides. One of the applications is for using the nanoparticles as anode materials of rechargeable metal-ion batteries.

TRUONG NGUYEN

Senior Lecturer

Linnaeus University

Sustainability workshop

Truong Nguyen has a PhD in Building Technology from Linnaeus University, Sweden, a MEng in Energy Technology from Asian Institute of Technology, Thailand, and a BEng in Electrical and Electronic Engineering from HCMC University of Technology, Vietnam. Currently he is a senior lecturer in Department of Built Environment and Energy Technology, Faculty of Technology, Linnaeus University. His research focus is to use the concept of system analysis to compare primary energy use, cost and environmental impacts of different energy technologies and systems in the built environment.

YUKINAGA NISHIHARA

Assistant Professor

Waseda University

Sustainability workshop

After World War II, the Land Improvement Law was enacted to increase food production. As a result, a modern land improvement district and many small traditional management organizations were hierarchically formed. In recent years, while the management scale of agriculture has expanded, the sustainability of maintenance work that relied on the voluntary participation of community members is being lost. Small-scale water sources, such as small ponds, are particularly endangered. In this study, we will consider the impact of Japan's agricultural and rural development policies on the Participatory Irrigation Management System, which consists mainly of small villages, and the future sustainability.

JONATHAN ROQUES

PhD

University of Gothenburg/ SWEMARC

Sustainability workshop

I am a fish physiologist originally from France. I obtained my PhD from Radboud University Nijmegen (The Netherlands), where I started to work on fish welfare in aquaculture. I am now working at the Swedish mariculture research center (SWEMARC), in Gothenburg. The overall aim of SWEMARC is to develop sustainable mariculture in Sweden. Within SWEMARC, I am particularly interested in recirculating aquaculture systems (RAS). Thanks to the MIRAI consortium, I have developed a collaborative project with Professor Tomonori Kindaichi (Hiroshima) and Dr Federico Micolucci (Lund), where we will combine Swedish and Japanese technologies to remove nitrogenous waste from our RAS.

ANNA RUTGERSSON

Professor

Uppsala University

Sustainability workshop

Professor of meteorology, the research is focused on air-sea (air-lake) interaction and the processes influencing atmospheric turbulence, air-water exchange of momentum, heat, humidity and green-house-gases. Research group: www.geo.uu.se/awep. Prof Rutgersson is also the University Coordinator for Sustainability issues as well as Adviser to the Vice-Chancellor for sustainable development.

TAMAO SAITO

Professor

Sophia University

Sustainability workshop

Tamao Saito is a Professor in Faculty of Science and Technology at Sophia University. She finished her PhD in Graduate School of Science, Hokkaido University. Her major is microbial chemical ecology and she works on the cellular slime mould as a model system. One of her research interests is to understand plant-microbiome ecology. Plants are known to have a specific microbiome and the microbiome plays a crucial role for plants survival. Therefore, she focused on Sphagnum moss-microbe interaction to try to create new strategy for vegetation restoration in post-mined peatland in Sarobetsu mire, Hokkaido.

GRAZIELY SANTOS PEREIRA

PhD

Linnaeus University

Sustainability workshop

I'm a Brazilian biologist with Master's degree and PhD in Applied Microbiology. I have been researching biodegradation of textile dyes and biological wastewater treatment during this journey. I am currently working as a Postdoc in Linnaeus University and, recently, I got engaged in a new project related to the Biogas upgrading process applying microalgae to uptake the CO₂.

ROMAN SELYANCHYN

PhD

Kyushu University

Sustainability workshop

Obtained PhD (Environmental Engineering) in 2012 from the University of Kitakyushu, Japan. In 2014 joined the International Institute for Carbon-Neutral Energy Research (I2CNER) of Kyushu University as a post-doc in the Carbon Capture and Utilization division, promoted to assistant professor in 2019.

Working on the topics related to sustainable energy future, mainly in the area of gas separation membranes for post-combustion CO₂ capture. Ongoing projects include optimization of the performance of thin-film composite membranes for cost-effective CO₂ capture, transport phenomena in hybrid ultramicroporous materials and small molecule-driven of interface-driven CO₂ selectivity in separation membranes.

SEPEHR SHAKERI YEKTA

Research Fellow

Linköping university

Sustainability workshop

I am a research fellow at the Department of Thematic Studies – Environmental Change and Biogas Research Center at Linköping University. My research is in the field of environmental science with the focus on anaerobic digestion of organic wastes for production of biogas, as a renewable energy source. I am particularly interested in the interactions between chemical and biological mechanisms involved in complex organic matter degradation during anaerobic digestion, which is important for improving efficiency and stability of biogas production processes. I did my masters and PhD educations in environmental science at Linköping University.

AYYOOB SHARIFI

Assistant Professor

Hiroshima University

Sustainability workshop

Dr. Ayyoob Sharifi is an Assistant Professor at the Graduate School for International Development and Cooperation, Hiroshima University. His scholarly work is mainly at the interface of urbanism and climate change mitigation and adaptation. He actively contributes to global change programs such as the Future Earth and is currently serving as a lead author for the Sixth Assessment Report of the Intergovernmental Panel on Climate Change (IPCC). Before joining Hiroshima University, he was the Executive Director of the Global Carbon Project. He holds a bachelor's degree in Civil Engineering, a master's in Urban Planning, and a doctorate in Environmental Engineering.

YOSHIHIRO SHIBUO

PhD

The University of Tokyo

Sustainability workshop

I finished my Ph.D. degree in 2007 at the Department of Physical Geography and Quaternary Geology, Stockholm University, and am currently working as a Project Associate Professor at the Department of Urban Environmental at the University of Tokyo. My research interest is to predict water related hazards by using the numerical modelling that are combined with IoT-based real-time sensing through data assimilation, and also to best utilize predicted information for mitigating damages in human life and property.

MIKIKO SUGIURA

Associate Professor
Sophia University
Sustainability workshop

Mikiko M Sugiura is Associate Professor in Center for Global Education and Discovery at Sophia University. She holds a Ph.D. and a master's degree, both in international studies, and the first B. A. in law from the University of Tokyo besides the second B. A. in comparative culture from Sophia University. Her research interests are in identifying an institutional framework for sustainable water resources management especially focusing on river water use. "Water right systems" is the major topic, and the associated issues such as drought management, environmental water rights, biodiversity conservation have been also keenly addressed.

TIELONG SHEN

Professor
Sophia University
Sustainability workshop

Tielong Shen is a Full Professor in control engineering at Sophia University, Tokyo, Japan. He graduated from Northeast Heavy Machinery Institute, 1982, and received his PhD degree in Mechanical Engineering from Sophia University 1992, and joined Sophia University as Assistant Professor with Tenure in April 1992, where he is currently chairing Shen Laboratory. His research interests include control theory and applications in automotive powertrain systems, power systems, and mechanical systems.

TOSHINORI TSURU

Professor
Hiroshima University
Sustainability workshop

Dr. Toshinori Tsuru received his Ph.D. degree in 1991 after he graduated from the University of Tokyo in 1983. He moved to Hiroshima University in 1995, and promoted to a full professor in 2006. He has been working on membrane science and technology for more than 30 years. His research experience started with nanofiltration in terms of membrane preparation and the transport mechanism of electrolytes through charged porous membranes. After moving to Hiroshima University, his interest has expanded to inorganic membranes, including preparation (sol-gel process, plasma CVD), characterization, transport mechanism, and the applications to various fields.

TAKEHIRO WATANABE

Associate Professor
Sophia University
Sustainability workshop

Associate Professor (Cultural Anthropology) at Sophia University.

GUILLAUME VIGOUROUX

PhD student

Stockholm University

Sustainability workshop

PhD student at the department of Physical Geography at Stockholm University. My research focuses on coastal eutrophication and its management, principally in the Baltic Sea. In my most recent work, I use numerical models to simulate the influence of open sea, land and hydroclimatic drivers on eutrophication management measures effectiveness in a coastal bay of the Swedish coast. My research interests include also hydrodynamic modelling and global analysis of hydroclimatic change impacts on wetlands.

FUGUO XU

Postdoctoral fellow

Sophia University

Sustainability workshop

Fuguo Xu is now a postdoctoral fellow of Department of Engineering and Applied Science in Sophia University, Tokyo, Japan. He was born and grew up in Northeast of China, then received the B.S. and M.S. degrees in China and Ph.D. degree in Sophia University. His background is in control theory and his current research interests include the optimal control of connected and autonomous hybrid electric vehicle. He is a dog-lover and enjoys playing basketball and skiing. During the undergraduate and graduate's study periods, he was involved in volunteer activities.

LISA ÅKERLUND

PhD student

Uppsala University

Sustainability workshop

PhD student (final year) in organic materials for energy storage. MSc in Materials Chemistry and Nanotechnology, Chalmers University of Technology. BSc in Chemical Engineering, Chalmers University of Technology. 90 Hp Environmental Science, Karlstad University and University of Gothenburg. Her research interests include finding, developing and characterizing materials for organic energy storage, mainly by the use of newly synthesized conducting redox polymers containing hydroquinones for their redox activity. Fundamental studies of organic materials in electrochemistry by looking into structural changes and electronic transitions and also applied studies of the organic materials as cathodes in batteries.

The Young Academy of Japan/Sweden

ANNA WETTERBOM

CEO

Young Academy of Sweden

Dr. Anna Wetterbom is the CEO of the Young Academy of Sweden. The Young Academy is an independent, interdisciplinary forum for a selection of the most prominent young researchers within all scientific fields in Sweden. The academy is a platform which gives young researchers a strong voice in the national academic debate on research policy, where we aim to be a constructive discussion partner and trusted advisor. The young academy also has a strong commitment towards inspiring children and teenagers to become interested in science and we run a number of different activities where they are invited to meet researchers. The young academy is supported by a secretariat based in Stockholm. As CEO, Dr. Anna Wetterbom makes sure that the members of the academy have the best possible opportunities to reach out and make a change. She does this by raising funding for activities, upholding networks with decision makers and collaborators, and heading the secretariat.

KAZUYOSHI NISHIJIMA

PhD

Kyoto University

The Young Academy of Japan

Kazuyoshi Nishijima received the degree of Doctor of Sciences from ETH Zurich in 2009. Having worked there as senior research associate and at Technical University of Denmark as associate professor, he joined in DPRI Kyoto University in 2013. His current research interest is wind-induced risk reduction for tropical-cyclone-prone developing areas such as southeast Asia and south Pacific regions. In its work, a principal approach is to analyze the performance of local knowledge driven architecture techniques and to appreciate and utilize these for disaster risk reduction. He is a member of Science Council of Japan since 2017.

JONAS OLOFSSON

Associate Professor

Stockholm University

The Young Academy of Sweden

My research and teaching involves perception, memory and emotion, with a focus on how the sense of smell, olfaction, affects these processes. My research team investigate whether olfaction provides an early marker for dementia, why it is so hard to name smells, if smell-based video games can be used for brain training, and how odors might affect social processes. To address these issues, we use a variety of behavioral and brain activity methods.

EWA MACHOTKA

Associate Professor

Stockholm University

The Young Academy of Sweden/Sustainability

Dr. Ewa Machotka is Associate Professor at the Department of Asian, Middle Eastern and Turkish Studies of the Stockholm University. She is an art historian specializing in Japan and East Asia. Formerly she served as Lecturer in the Art and Visual Culture of Japan at Leiden University and Curator of Japanese Art at the Museum of Far Eastern Antiquities in Stockholm, Sweden and the National Museum in Kraków, Poland. Currently her main research projects explore interdisciplinary approaches that intersect art history and sustainability science, and focus on the role of art as agents of social-ecological change. Among others Machotka is the author of Visual Genesis of Japanese National Identity: Hokusai's Hyakunin Isshu (Peter Lang P.I.E., 2009), the co-editor of Consuming Life in Post-Bubble Japan: Transdisciplinary Perspective (University of Amsterdam Press, 2018, open access: <http://oapen.org/search?identifier=644263>) and the co-author of Too Pretty to Throw Away: Packaging Design from Japan (Manggha, 2016).

HANNE FJELDE

Associate Professor

Uppsala University

The Young Academy of Sweden

Hanne Fjelde is an Associate Professor at the Department of Peace and Conflict Research, Uppsala University and a Senior Researcher at the Peace Research Institute, Oslo (PRIO). Her work is at the intersection of International Relations and Comparative Politics, centering on the relationship between political institutions and armed conflict, the causes and consequences of electoral violence, and the underpinnings of regime stability in authoritarian regimes. Her work has been published or is forthcoming in International Organization, the British Journal of Political Science, Proceedings of the National Academy of Sciences, Political Geography and International Studies Quarterly, amongst other places. Fjelde is a Research Fellow at the Royal Swedish Academy of Letters, History and Antiquities, a Wallenberg Academy Fellow and a member of the Young Academy of Sweden.

Additional Guests

HANS ABELIUS

International Director
University of Gothenburg

Hans Abenius took his PhD in history in 2007. After that, he worked as a university lecturer for a period of time at the University of Karlstad, while doing research work in different projects at the University of Gothenburg (UGOT). In 2008, he joined the Faculty Office for Social Sciences as a Faculty Programme Director at UGOT, with responsibility for questions concerning research and Phd-education. Hans Abenius has his current position as the Head of the International Office, International Director, at UGOT since 2013. The office oversees a broad strand of international activities ranging from student mobility to coordinating international research projects and leadership support. Hans Abenius is also active in several international networks, and presently a member of the Executive Committee of the SGroup European Universities' Network.

ANDREAS BJÖRKE

Senior Research Officer
Forte

Senior Research Officer at the Swedish research agency for health, working life and welfare (FORTE). Previously at Swedish Energy Agency. PhD in Industrial Economics and Organization. Representing Forte in the joint working group for international research collaborations (INTsam).

ERIKA DABHILKAR

Director
Uppsala University
University Management

As Director of the Division for Internationalisation, Erika leads the International mobility and strategic partnerships/global engagement units. Previously, Erika served as Head of the International office. Her daily work consists of anchoring strategy, prioritising actions and keeping actions aligned with the university's international strategy. She plans, monitors budgets, recruits staff and allocates resources. She represents the university's central administration in the International Council, constituted by academic delegates representing the different scientific domains and led by the Vice Chancellor's Adviser on Internationalisation. Erika has been involved in a wide variety of international projects and capacity building throughout the university and the university's strategic networks.

MARIA ENGELMARK

Director, International Affairs
Linköping University

My position as Director, International Affairs at Linköping University can, slightly simplified, be described as having a responsibility in leading the internationalization processes of the University. My track record of similar positions within the sector of higher education and research goes 20 years back. On the side of my role as director for international affairs, I am the head of a division within the University Services comprising support functions for internationalization, valorization and collaboration, research funding and contract training.

JAMES FEGAN

PhD
The University of Tokyo

James Fegan is a Project Specialist in the International Planning Group, International Affairs Department of the University of Tokyo where he has a wide range of roles in the various issues of globalization of UTokyo.

EDVARD FLEETWOOD

Secretary General
Sweden-Japan Foundation

Secretary General, Sweden-Japan Foundation, Scandinavia-Japan Sasakawa Foundation and the Långman Culture Foundation; Chairman, Sweden-Japan Society; Board member, Sweden-Japan Parliamentary Association, Gustaf Armfelt Foundation and Märta Christina and Magnus Vahlquist Foundation, Senior advisor International Affairs, Royal Swedish Academy of Engineering Sciences. M.Sc (Forestry), Ekon lic (Industrial RD management).

ANDREAS GÖTHENBERG

Executive Director
STINT

From 2006 until 2009 he was a Science and Technology Attaché at the Embassy of Sweden in Tokyo, Japan. Previous to that he was working as a Center Manager and Senior Researcher in China, setting up joint research and education centers for KTH Royal Institute of Technology at Zhejiang University and Fudan University. He has been a Post Doctoral Research Fellow at Tokyo Institute of Technology and is currently an Adjunct Associate Professor at the Chinese University of Hong Kong. He has also been with Texas Instruments Inc., Dallas, Texas, U.S.A., and is a Senior Member of the Institute of Electrical and Electronics Engineers, Inc. (IEEE).

SHIGEYUKI HIROKI

Ambassador
Embassy of Japan

His Excellency Shigeyuki Hiroki has been Ambassador Extraordinary and Plenipotentiary of Japan to Sweden since September 2018.

He was born in Tokyo and graduated from Hitotsubashi University. He also has a master's degree in Economic Development from Vanderbilt University in the U.S.

After joining Ministry of Foreign Affairs in 1979, he served in various sections including Japanese Security Policy, Korean Affairs, Development Assistance and U.N. Affairs. He was Consul General in New York from 2011 to 2013 and was Chief of Protocol from 2013 to 2014. He was appointed as Japanese Ambassador to Afghanistan from 2009 to 2011 and to South Africa from 2014 to 2018.

As an ambassador to Sweden, he has attracted attention for his twitter account where he shares his experiences of Swedish and Japanese culture.

<https://twitter.com/japanisverige?Lang=en>

SUSANNE IWARSSON

Professor
Lund University

Education:

Ph.D. in medical science, Lund University, 1997; Degree in occupational therapy, 1979

Current Appointments:

- Lund University, Professor (2005 – present)
- Head of Active and Healthy Ageing Research Group (2005 – present)
- Coordinator of Centre for Ageing and Supportive Environments, CASE (2007 – present), and of the Swedish National Graduate School for Competitive Science on Ageing and Health, SWEAH (2014 – present)
- Editor of European Journal of Ageing (2018– present)

Research Interests:

- (Environmental) Gerontology, Interdisciplinary Research, Occupational therapy, Rehabilitation, Public Health, User Participation

TATSUYA KONO

Deputy Director
Kyushu University

Mr. Kono is in charge of the international strategies of Kyushu University, such as Strategic Partnerships with overseas institutions and Top Global University Project funded by the Ministry of Education.

YUKO KAMOSHITA NOGAMI

Director
Kyushu University

Yuko Kamoshita has been Director, International Affairs Division, at Kyushu University since April 2019. She started her career in 1997, has worked mainly at MEXT (Ministry of Education, Culture, Sports, Science and Technology) and JSPS (Japan Society for the Promotion of Science). She served as Deputy Director of JSPS Stockholm Office (2009-2011).

YASMINE SASSA

Assistant Professor
Chalmers University of Technology

I am an Assistant Professor in Condensed Matter Physics at the Dept. Of Physics at Chalmers University.

JORGE SOLIS

Associate Professor
Karlstad University

Jorge Solis is an Associate Professor of the Department of Engineering and Physics, Karlstad University, adjunct associate professor of the Faculty of Engineering, University of Southern Denmark, adjunct researcher of the Research Institute for Science and Engineering, Waseda University and visiting scholar at Tokyo Institute of Technology. Jorge has over sixteen years of experience as a Project/Scientific Leader in collaboration with different universities, and design engineers from highly regarded Japanese and Swedish companies. An extensive list of publication list with peer reviewed papers. He is currently co-chair for the Technical Committee in Bio robotics.

RICHARD STENELO

International Director
Lund University

Richard Stenelo has over 20 years of experience within international education at Lund University and he is currently the International Director and his responsibilities in this capacity are Lund University's international partnerships and mobility, international student services and international marketing and recruitment. Previously Richard has worked as the director for commissioned education at LU. Richard is also an alumni of Lund University where he studies International Relations and Political Science.

INGRID SVENSSON

Director
Umeå University
University Management

Ingrid Svensson is the director of the International Office at Umeå University. She has a PhD in Mathematical Statistics, and was earlier assistant professor and head of the department of Statistics, Umeå School of Business and Economics and Statistics at Umeå University, where she also has been the director of studies.

MASAYUKI TSUMURA

Head of Human Resources Division
Kyushu University

Head of Human Resources Division, Human Resources Department, Kyushu University.

TAE UENOYAMA

Manager, International Affairs Division
Nagoya University

Tae Uenoyama is the Manager of the International Affairs Division at Nagoya University.

TAKAO YOSHIHARA

Deputy Director
Japan Society for the Promotion of Science

Since April of 2017, Mr. Takao Yoshihara has worked for the Japan Society for the Promotion of Science (JSPS) Stockholm Office as Deputy Director. He has been involved in enhancing scientific collaboration between Nordic/Baltic countries and Japan through holding academic seminars with partner institutions. Prior to coming to Sweden, he worked for the Ministry of Education, Culture, Sports, Science and Technology (MEXT) of Japan until March of 2017, where he was involved in various fields such as primary and secondary education, sports and international affairs.