

COI-NEXT Kick off Symposium One World One Health

Center for the Global Bioconvergence Innovation for a Sustainable Society Based on "Healthy Mind, Healthy Body, and a Healthy Environment"



COI-NEXT

Supported by Japan Science and Technology Agency (JST) Program on Open Innovation Platform for Academia-Industry Co-Creation (COI-NEXT)

Friday, March 10, 2023
13:10 to 17:25

Please register



Registration
deadline: March 7

Okinawa Institute of
Science and Technology
Conference Center +
Zoom meeting
(Hybrid)



**ONE WORLD
ONE HEALTH**

This event will be in **English** with
partial **Japanese translation**

Free Admission

| | |
|---|--------------|
| PUBLIC SYMPOSIUM @Auditorium | 13:10 |
| Opening remark by Albrecht Wagner, Acting President, OIST | |
| Welcome message by Gil Granot-Mayer, Executive Vice President for Technology Development and Innovation, OIST | |
| Greetings from Honored Guests by Koji Umehara, Director, MEXT | |
| Greetings from Honored Guests by Kazushi Kuse, Program Officer, JST COI-NEXT | |
| KEYNOTE LECTURE 1 | 13:30 |
| MSCTY - Designing a better sounding city | |
| Nick Luscombe Creative Director/Producer, MSCTY/BBC Radio | |
| PROJECT INTRODUCTION of OIST COI-NEXT | 14:20 |
| Chair: Ulf Dieckmann | |
| Introduction of the Whole Project Nicholas M. Luscombe Project Leader, OIST | |
| Stream 1 Introduction- "Healthy Mind" Kenji Doya Stream Leader, OIST | |
| Stream 2 Introduction- "Healthy Body" Keiko Kono Stream Leader, OIST | |
| Stream 3 Introduction- "Healthy Environment" Tim Ravasi Stream Leader, OIST | |
| Stream 4 Introduction- "Data Integration/Analysis/Utilization" Ulf Dieckmann, Kenji Doya Stream Leaders, OIST | |
| Stream 4 & 5 Introduction- "R&D for Bioconvergence" and "Social Implementation" Gil Granot-Mayer Stream Leader, OIST | |

PARALLEL EXHIBITION @Meeting Rooms 1-4 **14:50**

Find out more about the exhibitors here:

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| PANEL DISCUSSION | 15:50 |
| Why should I care about you? Adventures in academic-non-academic collaborations | |
| Panelists: Noriyuki Ando, Suntory; Amy Shen, OIST; Yukiko Goda, OIST; Hiroaki Kitano, Sony CSL/OIST; Eli Lyons, GenomeMiner | |
| Moderator: Nicholas M. Luscombe, OIST | |
| KEYNOTE LECTURE 2 | 16:50 |
| Next Big Things in Scientific Discovery | |
| Hiroaki Kitano Adjunct Profesor, OIST/CEO, Sony CSL | |
| Closing remarks by Amy Shen, Provost, OIST | |
| | 17:20 |

This program is subject to change

PROFILES



Noriyuki Ando

Executive Officer/President & CEO, Suntory Holdings Limited/Suntory Global Innovation Center Limited

Noriyuki Ando obtained his Master's Degree in Engineering from Osaka University. Thereafter, he joined Suntory Limited, where he worked as an engineer in several research and development-related departments, such as technology development, research, and research planning. He has also been active in the Suntory Labor Union. In 2021, Noriyuki Ando was appointed Executive Officer of Suntory Holdings Limited and President and CEO of Suntory Global Innovation Center Limited.



Eli Lyons

Co-founder and CEO, GenomeMiner

Eli Lyons moved to Tokyo for PhD studies in the Department of Computational Biology and Medical Science at the University of Tokyo. GenomeMiner has developed a generalized bioinformatics platform for running automated pipelines with data management. GenomeMiner is used internally to identify useful commercial chemicals such as agricultural biopesticides and antibiotics from microbe data.



Ulf Dieckmann

Professor, Complexity Science and Evolution Unit, OIST

Ulf Dieckmann works on several topics, ranging from eco-evolutionary dynamics and speciation theory to fisheries management and disease evolution. He has worked at Stanford University and the Xerox Palo Alto Research Center, the Research Center Jülich, the University of York, Leiden University, the University of Vienna, and the International Institute for Applied Systems Analysis. He has been a faculty member and research fellow in several reputed universities across Europe and Africa.



Gil Granot-Mayer

Executive Vice President for Technology Development and Innovation, Office of Technology Development and Innovation, OIST

Gil Granot-Mayer received a Bachelor of Law degree and an MBA from Tel Aviv University. He went on to practice in several law firms in Israel focusing on the areas of copyright, cyberlaw, corporate, banking, etc. He then joined Yeda, the technology commercialization company of the Weizmann Institute of Science, Israel, first as General Counsel, and then as CEO.



Yukiko Goda

Professor, Synapse Biology Unit, OIST

For her PhD, Yukiko Goda joined Stanford University where she studied intracellular membrane traffic. Subsequently, attracted by the field of neuroscience, she received her postdoctoral training at the Salk Institute. In 2011, she moved back to Japan to the RIKEN Brain Science Institute, and joined OIST in 2022. Her research interests center on synapses. Her lab investigates basic principles of synaptic communication in brain circuit operations underlying animal behaviors down to exploring synaptic design in simple model networks.



Amy Shen

Provost/Professor, Micro/Bio/Nanofluidics Unit, OIST

Amy Shen's research is focused on rheology and non-Newtonian fluid mechanics at the nano-biointerfaces, coupled with microfluidics, with the aid of novel 3D printing, microfabrication, and imaging techniques. Her research usually combines experiments, theory, and modeling to explore the dynamics and properties of flows involving nano- or micro-structures. Her research group also develops lab-on-a-chip platforms for biosensing and disease diagnostic applications.



Hiroaki Kitano

Adjunct Professor/President & CEO, Integrated Open Systems Unit, OIST/ Sony Computer Science Laboratories, Inc

Hiroaki Kitano is the Senior Executive Vice President and CTO of the Sony Group Corporation. He is also President and CEO of Sony Computer Science Laboratories, Inc., CEO of Sony AI, Inc. and President of The Systems Biology Institute.



Koji Umehara

Director, Ministry of Education, Culture, Sports, Science and Technology (MEXT), University-Industry Collaboration and Regional R&D Division, Science and Technology Policy Bureau

Koji Umehara is the director of the office of regional R&D and innovation ecosystems, Ministry of Education, Culture, Sports, Science and Technology (MEXT). He started his career at MEXT in 2001. He also served as the visiting scholar at George Washington university, the first secretary of embassy of Japan in Russia, and the secretary to the Minister of MEXT.



Kazushi Kuse

Program Officer/Director & Primary Executive Officer, JST COI-NEXT/Asahi Kasei Corporation, Digital Value Co-Creation

Kazushi Kuse joined IBM in 1987 as a senior researcher in IBM Tokyo Research Lab. and became the Research Lab director in 2004. He was appointed to CTO of IBM Japan in 2017. He joined Asahi Kasei in 2020 as Executive Fellow. He was appointed to Senior Executive Officer of Digital Value Co-Creation Department in 2021.



Nick Luscombe

Creative Director/Producer, MSCTY/BBC Radio

Nick Luscombe is an English DJ, BBC broadcaster, sound artist and producer based in Tokyo. He is the founder of sonic arts practice MSCTY which has so far produced over 400 soundtracks. His field recording, soundscape and ambient music mixes have been featured on BBC radio, British Airways, and numerous brands.



Albrecht Wagner

Acting CEO/President, OIST

Albrecht Wagner is a particle physicist from Germany. He worked as a researcher at the University of Heidelberg, the Lawrence Berkeley Laboratory (USA), DESY and CERN. He played a critical role as the leader of several international consortia, including as Chairman of the TESLA Technology Collaboration Board from 2005 to 2009. He has, and continues, to serve on many advisory boards and councils and is the holder of multiple honorary degrees and awards, including the Distinguished Service Cross of Merit of the Federal Republic of Germany.



Nicholas M. Luscombe

Dean of Research/Professor, Genomics and Regulatory Systems Unit, OIST

Following a degree in Natural Sciences at Cambridge University (1993-1996), Nicholas Luscombe studied for a PhD in structural biology at University College London on the basis for specificity of DNA-binding proteins (1996-2000). He moved to Yale University as an Anna Fuller Postdoctoral Fellow, where he shifted research focus to genomics with a particular emphasis on gene regulation in yeast (2000-2004). Nicholas Luscombe joined OIST as Professor of the Genomics & Gene Regulation Unit in 2021, and was appointed Dean of Research in 2022. He has taken the opportunity of the move to OIST to study the genomics of marine plankton.

(In alphabetical order)

Contact Information:

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Please register



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