

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"

TIMETABLE

Mar. 10 (FRI.) *MORNING SESSION IS EXCLUSIVE TO PROJECT MEMBERS, MEXT, CAO, and JST MEMBERS @LAB 4

Public symposium @Auditorium

*Door opens at 12:30

13:10	(5)	Opening remark by Albrecht Wagner, Acting President & CEO, OIST
13:15	(5)	Welcome message by Gil Granot-Mayer, Executive Vice President for Technology Development and Innovation, OIST
13:20	(5)	Greetings from Honored Guests by Koji Umehara, Director, MEXT
13:25	(5)	Greetings from Honored Guests by Kazushi Kuse, Program Officer, JST COI-NEXT

KEYNOTE LECTURE 1 @Auditorium

13:30	(40)	Nick Luscombe	Creative Director/ Producer, MSCTY/ BBC Radio	MSCTY - Designing a better sounding city.
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14:10 (10) **Coffee Break**

PROJECT INTRODUCTION OF OIST COI-NEXT @Auditorium

14:20	(5)	Nicholas M. Luscombe (OIST)	Project Leader	Introduction of the Whole Project
14:25	(5)	Kenji Doya	Stream Leader	Stream 1 Introduction- "Healthy Mind"
14:30	(5)	Keiko Kono	Stream Leader	Stream 2 Introduction- "Healthy Body"
14:35	(5)	Tim Ravasi	Stream Leader	Stream 3 Introduction- "Healthy Environment"
14:40	(5)	Ulf Dieckmann, Kenji Doya	Stream Leaders	Stream 4a Introduction - "Data Integration/ Analysis/ Utilization"
14:45	(5)	Gil Granot-Mayer	Stream Leader	Stream 4b &5 Introduction- "R&D for Bioconvergence" and "Social Implementation"

**Chair:
Ulf Dieckmann
(OIST)**

PARALLEL EXHIBITION @Meeting Rooms 1-4

14:50	Booth 1	Embodied Cognitive Science Unit	Real time brain activity	Tom Froese, OIST
	(60)	Booth 2 Neural Computation Unit	XHRO: All-in-one real-time body monitoring device that unlocks the aging clock	Suntory/ Kenji Doya, OIST
		Booth 3 Micro/Bio/Nanofluidics Unit Mechanics and Materials Unit	Precision manufacturing at OIST	Amy Shen, OIST Eliot Fried, OIST
		Booth 4 Membranology Unit	Young and senescent human cells	Keiko Kono, OIST
		Booth 5 Marine Climate Change Unit	Climate Change and Coral Reefs	Tim Ravasi, OIST
		Booth 6 Marine Biophysics Unit	Improving Security and Safety at Sea Combining Coast Guard's Field Experience and OIST's Academic Knowledge	Satoshi Mitarai, OIST/Coast Guard
		Booth 7 Marine Genomics Unit	OIST Coral eDNA Project	Nori Satoh, OIST/NTT
		Booth 8 Sony	OIST - Sony CSL Cybernetic Humanity Studio	Sony CSL
		Booth 9 Synapse Biology Unit	Monitoring and manipulating the activity of neurons and synapses	Yukiko Goda, OIST
		Booth 10 TDIC	OIST connected startups: prototypes/products demonstration	OIST
		Poster 1 Micro/Bio/Nanofluidics Unit	Usiigaci: Single cell segmentation and tracking in phase contrast microscopy using machine learning algorithms	Amy Shen, OIST
		Poster 2 Micro/Bio/Nanofluidics Unit	Surface Imprinted Polymer (SIP) for bacterial detection based on 3D-printeing resin	Amy Shen, OIST
		Poster 3 Micro/Bio/Nanofluidics Unit	OIST Micro and Nanofabrication Capabilities	Amy Shen, OIST
		Poster 4 Micro/Bio/Nanofluidics Unit	Viscoelastic fingering during the sedimentation of a sphere	Amy Shen, OIST
		Poster 5 TDIC	Catalyzing an Innovation Hub in Okinawa	OIST
		Poster 6 Embodied Cognitive Science Unit	EEG Hyperscanning during Perceptual Crossing Experiment to Identify the Brain's Social Interaction Features	Tom Froese, OIST
		Poster 7 Embodied Cognitive Science Unit	Causal Emergence Analysis of Team Behaviors in Football Matches	Tom Froese, OIST

PANEL DISCUSSION @Auditorium

Panelists

1. Noriyuki Ando

President & CEO, Suntory Global Innovation Center

2. Amy Shen

Provost & Professor, OIST

15:50 (60) 3. Yukiko Goda

Professor, OIST

4. Hiroaki Kitano

Adjunct Professor, OIST/ President & CEO, Sony CSL

5. Eli Lyons

Co-founder & CEO, GenomeMiner

"Why should I care about you?
Adventures in academic-non-academic collaborations"

Moderator:
Nicholas M.
Luscombe (OIST)

KEYNOTE LECTURE 2 @Auditorium

16:50 (30) Hiroaki Kitano

Adjunct Profesor, OIST/
President & CEO, Sony CSL

Next Big Things in Scientific Discovery

17:20 (5) Closing Remarks by Amy Shen, Provost, OIST

*This prgoram is subject to change.