

COI-NEXT Annual Symposium

## Convergence: Fostering Interdisciplinary Collaboration for Solving Complex Problems

February 25		
14:00 - 14:15	<b>Welcome Address by the President</b>	Karin Markides <i>President and CEO, OIST</i>
14:15 - 14:55	<b>TALK: Enhancing Bioconvergence: Shaping the Future of OIST COI-NEXT</b>	Hiroaki Kitano <i>Professor (Adjunct), OIST; Executive Deputy President and CTO, Sony Group</i>
14:55 - 15:25	<b>TALK: Fostering Interdisciplinarity at OIST: Current Initiatives and Support Strategies</b>	Amy Shen <i>Professor and Provist, OIST</i>
15:25 - 15:45	<b>KEYNOTE LECTURE: The Role of Climate Change in Shaping Global Health and Epidemic Trends</b>	Rita Colwell <i>External Advisor to OIST COI-NEXT Center Board of Governor, OIST Distinguished Professor, University of Maryland Distinguished Professor, Johns Hopkins University Bloomberg School of Public Health</i>
15:45 - 16:00	<b>COFFE BREAK</b>	
16:00 - 17:00	<b>CLOSED-DOOR ROUND TABLE for OIST PIs only: Navigating Interdisciplinary Research within OIST</b>	<b>FACILITATORS:</b> Hiroaki Kitano Gil Granot-Mayer <i>Executive Vice President for Technology Development and Innovation, OIST</i>  <b>PARTICIPANTS:</b> <i>OIST PIs</i>
16:00 - 17:00	<b>LAB TOURS for visitors &amp; OIST community members</b>	<i>Attendance is reserved for those who confirmed their participation in the registration form</i>
17:30 - 19:30	<b>NETWORKING DINNER</b>	

February 26		
10:00 – 11:00	<p><b>STREAM 1: Understanding and Managing Stress Through Various Interventions</b></p> <p><b>Kenji Doya (Individual Focus):</b> Unlocking Physiological Insights from Daily Activities to Enhance Mental Well-Being</p> <p><b>Amy Shen (Physiological Focus):</b> Tracking Cortisol: How Daily Measurement Can Improve Our Understanding of Stress and Health</p>	<p>Kenji Doya <i>Professor, OIST</i></p> <p>Amy Shen</p>
11:00 – 12:00	<p><b>STREAM 2: Optimizing Health Outcomes Through Targeted Cellular-Level Interventions</b></p> <p><b>Hiroaki Kitano:</b> Understanding the Microbiome: The Gateway to Controlling Human Multiomics and Health</p> <p><b>Keiko Kono:</b> Approaches to prevent cell membrane damage</p>	<p>Hiroaki Kitano Keiko Kono <i>Assistant Professor, OIST</i></p>
12:00 – 13:00	<b>LUNCH</b>	
13:00 – 14:00	<p><b>STREAM 3: Solutions for Enhancing Environmental Sustainability</b></p> <p><b>Satoshi Mitarai:</b> Currents and Carbon: Advancing Marine Monitoring for Carbon Dynamics</p> <p><b>Tim Ravasi: From Oceans to Communities:</b> Collaborative Solutions for Environmental Sustainability</p>	<p>Satoshi Mitarai <i>Professor and Dean of Research, OIST</i></p> <p>Tim Ravasi <i>Professor, OIST</i></p>
14:00 – 14:30	<p><b>CONVERGING SCIENCE &amp; TRADITION KNOWLEDGE TALK #1:</b> Coralnectar Convergence: Investigating the nexus of red soil, honeybees, and coral ecosystems for biodiversity, resilience, and sustainable practice</p> <p><b>TALK #2:</b> Helping Okinawa's Bees with A Cost-Effective, Accessible Pest Control Project for Local Farmers</p>	<p>PhD students (Early Career Track)</p>
14:30 – 15:00	<b>COFFEE BREAK &amp; POSTER SESSION</b>	
15:00 – 15:30	<p><b>ENVIRONMENT &amp; BODY</b></p> <p><b>KEYNOTE LECTURE:</b> Industry's Perspective on Interdisciplinary Collaborations</p>	<p>Arjuna Kumarasuriyar <i>External Advisor to OIST</i> COI-NEXT Center <i>General Manager, Illumina K.K.</i></p>
15:30 – 16:00	<p><b>ENVIRONMENT &amp; ENERGY</b></p> <p><b>TALK:</b> The OIST Energy neXus: Bringing Disparate Fields into Convergence Towards Sustainable Energy Solutions</p>	<p>Keshav Dani <i>Professor, OIST</i></p>
16:00 – 16:30	<p><b>WRAP-UP SESSION</b></p> <p>OIST COI-NEXT Future Initiatives</p>	<p>Gil Granot-Mayer</p>