



**Okinawa Institute of Science and Technology**

**OIST Workshop:  
*Toward the Development of an R&D Cluster in  
Okinawa***

**Okinawa Institute of Science and Technology  
Promotion Corporation  
Onna-son, Okinawa, Japan  
6-7 October 2010**

## **Background**

The Okinawa Institute of Science and Technology Promotion Corporation (OIST P.C.) was established in 2005 to create a new type of global graduate university in Japan: integrating cross-disciplinary approaches to science and technology, conducting research and instruction in English, and aiming to recruit at least half of its faculty and students from abroad. Through achieving its mandate to conduct world-class research and education in science and technology, OIST aims to contribute to the self-sustaining economic development of Okinawa. As OIST prepares to welcome its inaugural class of graduate students in the fall of 2012, developing a strategy to enable a cluster of knowledge-based R&D activity surrounding the university and to encourage innovative entrepreneurship that capitalizes on the strengths of Okinawa becomes a high priority.

To that end, OIST P.C. has organized the first Workshop focused on the topic of developing an innovative center of R&D activity in Okinawa. The OIST Workshop "*Towards the Development of an R&D Cluster in Okinawa*" will take place on the OIST campus in Onna-son on October 6-7, 2010. Invited entrepreneurs, academics, industry leaders, and policy makers from Japan/Okinawa and around the world, will present and discuss their experience, ideas, and long-term vision for developing Okinawa as a leading international center of science and technology.

## **Goals**

The goal of the Workshop is to provide a venue for brainstorming ways to stimulate global innovation and entrepreneurship in Okinawa, innovation that builds on the unique environment, that creates new industries to better serve local and regional needs, and that also leads to a self-sustaining, globally connected economy. OIST anticipates that continued dialogue in the form of future forums and workshops, as well as the building of a network of global entrepreneurial leaders, will contribute to: 1) the development OIST's strategy for stimulating innovation and entrepreneurship in Okinawa; and 2) the guiding of policy and long-term investment by government and the private sector in the areas with the greatest potential impact for Okinawa.

## Schedule

<b>DAY 1 – OCTOBER 6, 2010</b>	
13:30-14:20	<p><b>WORKSHOP: GENERAL INTRODUCTION (closed session)</b>  <i>Introduction to the OIST R&amp;D Cluster Workshop</i>  <i>Venue: Lecture Hall B250, Center Building, Level B</i></p> <p><b>Welcome:</b> Robert Baughman, Executive Director, OIST, Japan</p> <p><b>Presentations:</b> “Cluster Development in Japan and Abroad”</p> <p>Kathryn Ibata-Arens, DePaul University, USA</p> <p>Kiyoyuki Shimizu, National Institute of Advanced Industrial Science &amp; Technology (AIST), Japan</p> <p><b>Introduction to the Break Out Sessions:</b> Patrick Vincent, OIST, Japan</p>
14:20-14:30	Transit to Break Out Rooms
14:30-17:00	<p><b>BREAK OUT SESSION 1</b>  <i>Issues in R&amp;D Cluster Development</i></p> <p><b>Group A: Okinawa Cluster Development: SWOT Analysis</b>  <i>Venue: Seminar Room 1, Level C</i>            Presentation: “Okinawa’s Economy and Industries”, Yoichi Kinjo, Okinawa Industry Promotion Public Corporation, Japan            Facilitator: Kathryn Ibata-Arens, DePaul University, USA</p> <p><b>Group B: Science and Technology Landscape in Okinawa</b>  <i>Venue: Seminar Room 2, Level C</i>            Presentation: “Okinawa’s Science and Technology Capabilities and Opportunities”, Takashi Hirano, Okinawa Science &amp; Technology Promotion Center, Japan            Facilitator: Philip Goelet, Acidophil LLC, USA</p> <p><b>Group C: Entrepreneurship in Okinawa: Current Status and Future Opportunities</b>  <i>Venue: Library, Level B</i>            Presentations: “The Experience of the Okinawa Entrepreneurial Company”, Mr. Akihiko Kanamoto, OP Bio Factory, Inc., Japan and Mr. Yasuhisa Nemoto, HaploPharma, Inc., Japan            Facilitator: Robert Kneller, University of Tokyo, Japan</p>
17:00	Adjourn Workshop Day 1
<b>DAY 2 – OCTOBER 7, 2010</b>	
09:00-09:25	<p>Summaries from Day 1 Break Out Session and Day 2 Introduction  <i>Venue: Lecture Hall B250, Level B, Center Building</i></p> <p><b>Summaries:</b> Session 1 Groups A, B, and C (6 minutes each)</p> <p><b>Intro to Sessions 2 and 3:</b> Patrick Vincent, OIST, Japan</p>
09:25-09:30	Transit to Break Out Rooms

09:30-12:00	<p><b>BREAK OUT SESSION 2</b>  <i>Laying the Foundation for Innovation and Entrepreneurship</i></p> <p><b>Group A: IP Development: From the Lab to the Marketplace</b>  <i>Venue: Seminar Room 1, Level C</i>  Presentation: “Current Environment for Technology Commercialization in Japan and Okinawa”, Tamaki Osumi, University of the Ryukyus, Japan  Facilitator: Yali Friedman, thinkBiotech, USA</p> <p><b>Group B: Human Capital Development</b>  <i>Venue: Seminar Room 2, Level C</i>  Presentation: “Current Environment for Developing Human Capital in Okinawa”, Daiya Miyazato, University of the Ryukyus, Japan  Facilitator: Vivek Wadhwa, Harvard Law School, USA</p> <p><b>Group C: Financing Entrepreneurship</b>  <i>Venue: Library, Level B</i>  Presentation: “Current Environment for Financing Entrepreneurship in Japan and Okinawa”, Wako Kinjo, Okinawa Human Capital, Japan  Facilitator: Michael Korver, Global Venture Capital, Japan</p>
12:00-13:30	<p>Lunch  <i>Venue: Restaurant, Level B</i></p>
13:30-16:00	<p><b>BREAK OUT SESSION 3</b>  <i>Practical Recommendation for Innovation and Entrepreneurship</i></p> <p><b>Group A: Scenario Planning and Practical Recommendations</b>  <i>Venue: Seminar Room 1, Level C</i>  Facilitator: Julie Meier Wright, San Diego Regional Economic Development Corp, USA</p> <p><b>Group B: Developing Pilot Cases in Okinawa</b>  <i>Venue: Seminar Room 2, Level C</i>  Presentations: Ulf Skoglund, OIST, Japan and Ryuichi Matsuo, Magna Design Net, Inc., Japan  Facilitator: Sass Somekh, Musea Ventures, USA</p> <p><b>Group C: Developing Pilot Cases in Okinawa</b>  <i>Venue: Library, Level B</i>  Presentation: Igor Goryanin, OIST, Japan and Suharnan Sivasundaram, AXIOHELIX Co. Ltd., Japan  Facilitator: Philip Goelet, Acidophil LLC, USA</p>
16:00-17:00	<p>Summaries of Day 2 Break Out Sessions and Concluding Remarks  <i>Venue: Lecture Hall B250, Central Building, Level B</i></p> <p><b>Summaries:</b> Session 2 Groups A, B, and C (6 minutes each)  <b>Summaries:</b> Session 3 Groups A, B, and C (6 minutes each)  <b>Conclusions and Next Steps:</b> Patrick Vincent, OIST, Japan  <b>Closing Remarks:</b> Jonathan Dorfan, OIST, Japan</p>
17:00	<p>ADJOURN WORKSHOP  Transport to airport/hotel</p>