



International Symposium on Ocean Renewable Energy Technologies

Research Institute for Applied Mechanics, Kyushu University

Date : December 19 (Friday) & 20 (Saturday), 2014

*Venue: Research Institute for Applied Mechanics (RIAM), Kyushu University
6-1 Kasuga-koen, Kasuga, Fukuoka 816-8580, Japan*

Organized by Research Institute for Applied Mechanics

Co-Organized with Research and Education Center for Advanced Energy Materials, Devices and Systems

Objectives:

The objective of this symposium is to invite people among the worldwide most active researchers involved in the development of ocean renewable energy technologies. Invited researchers will present their research results, new developments, novel concepts, and search possibility of international cooperation.

Description:

Ocean renewable energy is expected to be one of the important energy resources in near future. Many research projects are being advanced in the world. In Research Institute for Applied Mechanics, Kyushu University, a new concept of floating ocean renewable energy system is proposed and relevant research and development are being carried out. The final goal of this research project is to realize a high-efficient ocean renewable energy utilization system. To achieve this goal international joint researches are promoted. In the academic year of 2014, a designated joint research program of RIAM on “R&D on Multipurpose Floating Structure for Marine Renewable Energy” and an international joint research program of RIAM on “Theoretical and experimental methods for marine renewable energy development” are adopted. This symposium will provide a forum for invited scholars and relevant researchers associated with those programs to present new research results on ocean renewable energy technologies and expand international cooperation.

Typical topics:

- Offshore wave energy technologies
- Offshore wind energy technologies
- Offshore tidal/current energy technologies
- Offshore energy project environmental issues

Symposium Chair:

Prof. Yuji Ohya, Director, Research Institute for Applied Mechanics, Kyushu University

Organizing Committee:

- Prof. Changhong Hu (Kyushu University, *Secretariat, hu@riam.kyushu-u.ac.jp*)
- Prof. Yusaku Kyojuka (Kyushu University)
- Prof. Masashi Kashiwagi (Osaka University)
- Prof. Hidetsugu Iwashita (Hiroshima University)
- Prof. Liang Zhang (Harbin Engineering University)