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Topics

- Biomechanics in Microorganisms
- Biomechanics in Insect & Bird Flights
- Swimming Biomechanics
- Sports Biomechanics
- Computational Biomechanics
- General Biomechanics
- Bio-system and Bio-structure
- Biomaterial
- Biosensors and Location Control
- Bioacoustics and Bio-logging
- Biological Neuromuscular system
- Bio-robotics and Bionics
- Biomimetics in Underwater Vehicles
- Biomimetics in Aerial Vehicles
- Artificial Materials and Actuators
- Micro-and Nano-Technology in Biosystems

Important Dates

Closing Date for Abstract Submission: 31st March 2012
Notification of Acceptance: 30th April 2012
Closing Date for Submission of Full Papers: 15th June 2012

Supporting Organizations (expected)

National Taiwan University, Department of Engineering Science & Ocean Engineering, National Science Council, Institute of Applied Mechanics, National Taiwan University, Taiwan, Taiwan Society of Naval Architects and Marine Engineers, United Ship Design and Development Center, Taiwan, Taiwan Ocean Research Institute, The Japan Society of Mechanical Engineers, The Zoological Society of Japan, The Biophysical Society of Japan, The Robotics Society of Japan, The Japan Society for Aeronautical and Space Sciences, The Japanese Society of Scientific Fisheries, The Marine Acoustics Society of Japan, advanced Marine Science and Technology Society, The Japan Society of Naval Architects and Ocean Engineers, Marine Technology Society, Japanese Society of Bio-Logging Science, Society of Biomechanisms Japan

Keynote Lectures

Prof. Akira Azuma, University of Tokyo, Japan
Prof. Chien-Chen Chang, National Taiwan University, Taiwan
Prof. Robert Dudley, University of California, Berkeley, USA
Prof. Tomonobu Goto, Tottori University, Japan
Prof. Jen-Hwa Guo, National Taiwan University, Taiwan
Prof. Mont Hubbard, University of California, Davis, USA
Prof. Emile H. Ishida, Tohoku University, Japan
Prof. George V. Lauder, Harvard University, USA
Prof. Hiromasa Oku, University of Tokyo, Japan
Prof. Katsufumi Sato, University of Tokyo, Japan
Prof. Jing-Tang Yang, National Taiwan University, Taiwan

Contact Us

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5th International Symposium on Aero-aqua Bio-Mechanisms ISABMEC 2012 August 25th - 28th 2012, Taipei, Taiwan



Invitation

We are pleased to inform you that the 5th International Symposium on Aero-aqua Bio-Mechanisms (ISABMEC2012) will be held from 25th to 28th August 2012 in Taipei, Taiwan. The ISABMEC is a unique series of international symposia started by the Society of Aero-aqua Bio-Mechanisms (ABMECH), aiming at bridging across biologists, scientists and engineers and advancing the interdisciplinary fields of novel mechanisms in biological systems and biomimetics. Our past symposia (Honolulu 2000, Honolulu 2003, Okinawa 2006 and Shanghai 2009) have been successful in attracting about 300 participants from more than 10 countries.

The ISABMEC 2012 in Taipei will be a memorable event for colleagues and friends from all over the world to establish friendships and to promote academic exchanges at an international and interdisciplinary level. On behalf of the Organizing Committee, it gives us great pleasure to warmly welcome you and your colleagues to attend this symposium.

Chair

Prof. Shinichiro Ito, Kogakuin University, Japan

Co-Chair

Prof. Jenhwa Guo, National Taiwan University, Taiwan

Jointly Organized by:

National Taiwan University

