

## **Ocean, Arctic and Energy Experts Gather at Annual ISOPE-2009 Osaka Conference, June 21–26**

**Cupertino, California, February 23, 2009 — The 19th International Offshore and Polar Engineering Conference & Exhibition (ISOPE-2009)** will be held at Osaka International Convention Center, Osaka, Japan, June 21-26, 2009 with **121** sessions. The papers are selected from **940** abstracts received from **50** countries for peer review. All technical sessions and the annual ISOPE banquet take place at Osaka International Convention Center (OICC), and Reception at Rihga Royal Hotel next to the **OICC**.

### **CONFERENCE OPENING SESSION**

**Monday, June 22, 09:00**, Osaka International Convention Center, Room 1003, 10 F

#### **Welcome Address**

ISOPE President

#### **Sustainable Development and Marine Transport in the Arctic Ocean -- A Perspective and Ice Engineering**

Prof. H. Kitakawa, Special Research Fellow, Ocean Policy Research Foundation, Tokyo, Japan

#### **Goes Deep, China Oil and Gas Industry**

Mr. W Chen, Sr. Vice President, CNOOC, Beijing, China

#### **Enabling Materials Technologies for Deepwater and Arctic Developments**

Dr. E. Wright, Manager, ExxonMobil Development Co., Houston, USA

#### **Deeper Water: Past, Present and Future**

Dr. S Kapusta, Chief Scientist, Shell Global Solutions International B.V., den Haag, The Netherlands

### **JIN S CHUNG AWARD LECTURE**

#### **Green Growth: The Right Approach to Multiple Energy Sources**

Dr. Jay Koo, President, SK Energy, Seoul, Korea

### **PLENARY AND KEYNOTE PRESENTATIONS**

#### **LNG Tank Sloshing Assessment Methodology - The New Generation**

Dr. Kuo, J F et al. ExxonMobil Upstream Research; ExxonMobil Development; ExxonMobil Production, USA, USA

#### **Sloshing in Membrane LNG Carriers and Its Consequences from a Designer's Perspective,**

Dr. Thomas Gavory et al., GTT, France

**The Hughes Glomar Explorer and a 5,100-m-long Heavy-Lift Pipe: Coupled Ship and Pipe Motions Measured in the North Pacific Ocean**

Prof. Jin S Chung, ISOPE, USA

**Challenges for Ice Loads etc. in Sakhalin Projects: Engineering and Construction of Offshore/onshore Pipelines and Offshore Tanker Loading Unit**

Dr. T Sakamoto, Nippon Steel Engineering, Tokyo, Japan

**Progress in Modeling of Multiphase Flows and Thermodynamics in Oil and Gas Pipelines**

Dr. Hellan, Ø et al., SINTEF, Norway

**Lagrangian Particle Method - Advanced Technology for Numerical Wave Flume**

Prof. H Gotoh et al., Kyoto University, Japan

**Rate-dependent Nature of Liquefied Sand Undergoing Large Flow-Deformation and its Interaction with Group Pile Foundation**

Prof. I Towhata et al., University of Tokyo, Japan

The final ISOPE-2009 Osaka conference program includes the symposia:

- The 1st ISOPE **LNG Sloshing Dynamics** (SDD-2009, 11 sessions)
- The 3rd ISOPE **Strain-Based Design** (SBD-2009, 7 sessions)
- The 7th ISOPE **High Performance Materials** (HPM-2009, 10 sessions).
- Additionally some topics are of large symposium size: For example, **15 sessions on Hydrodynamics and Computational Fluid Dynamics**.

The annual **ISOPE-2009 Osaka** Conference is organized by **International Society of Offshore and Polar Engineers (ISOPE)**, Cupertino, California

The conference and symposium programs and the updates are being posted on [www.isopec.org](http://www.isopec.org).

By *ISOPE-2009 Technical Program Committee (TPC)*. [www.isopec.org](http://www.isopec.org)