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.isope.org](http://www.isope.org).

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