

**The 10th (2018) ISOPE
Sloshing and LNG Ship Dynamics Symposium**
First
CALL FOR PAPERS

The ISOPE Sloshing Symposiums held in Osaka, Beijing, Maui, Rhodes, Anchorage, Busan, Kona, Rhodes, and San Francisco provided the most successful technical forum of its kind for sharing and learning of the state-of-the-art sloshing hydrodynamics, coupled sloshing and ship dynamics and LNG, liquid fuel & other technologies and design among universities, industries and classification societies. Through vigorous discussions in many paper presentations and panel sessions, significant progress has been made toward understanding of sloshing physics, and yet there are more to learn. The 10th Sloshing Symposium is being organized with collaboration among the universities, industry and regulatory bodies.

ISOPE and the Symposium Organizing Committee invite colleagues who are engaged or interested in sloshing technology to join this 10th ISOPE Sloshing Symposium in Sapporo, Japan.

Special ISOPE room rate starts from \$80-145 per/night.

Suggested Topics

- CFD and sloshing simulations and comparison with experiments
- Sloshing experiments and sloshing assessment
- Modeling of sloshing impact pressures and load measurements
- Physics of liquid impacts and scaling issues
- Coupled sloshing and vessel motion
- Structural strength, design and risk
- Cargo containment system and ship design, construction and experience w.r.t. sloshing
- CCS operational experience and lessons-learned
- LNG ship: loading, offloading and transportation
- Specific issues of LNG as fuel and small scale LNG
- LNG storage: land-based and floating applications
- Sloshing in aerospace, automotive, live-fish carriers, granular bulk cargo
- Recommended design practices and guidelines
- Sloshing mitigation



Key Dates

Abstract Submission
Manuscript for Review
Final Manuscript due

October 20, 2017
January 15, 2018
March 24, 2018

Email abstracts to one of the organizing committee members or submit online <http://www.isope.org/call4papers/2018/HowToSubmitAbstractOnline.htm>. **Key 60**
Include the name of the inviter. The abstracts MUST include the contact author's postal address, telephone and fax numbers, and e-mail address to facilitate communications.

Symposium Organizing Committee: (arranged in alphabetical order of last name)

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