

INTERNATIONAL STANDING COMMITTEE

This series of conferences is run by an International Standing Committee comprising active professionals in the field from around the world:

Prof. D. Vassalos (Chair–Strathclyde Univ., UK)

Prof. K. Yoshida (HK, Japan)

Prof. N. Umeda (Osaka Univ., Japan)

Prof. M. Fujikubo (Osaka Univ., Japan)

Dr. P. Sames (DNV GL, Norway)

Prof. A. Papanikolaou (HSVA, Germany)

Prof. N. Ma (Jiao Tong Univ., China)

LOCAL ORGANIZING COMMITTEE

Prof. N. Umeda (Chairman) (Osaka Univ.)

Prof. M. Fujikubo (Co-chairman) (Osaka Univ.)

Prof. T. Katayama (Osaka Pref. Univ.)

Dr. K. Iijima (Osaka Univ.)

Dr. H. Hashimoto (Kobe Univ.)

Mr. J. Hirata (Class NK)

Mr. A. Ishihara (Maritime Bureau, Japanese Govt.)

Dr. A. Maki (Osaka Univ.)

Mr. A. Matsuda (NRIFE)

Dr. D. Terada (Nat. Defence Academy, Japan)

Dr. H. Taguchi (NMRI)

Dr. T. Kuroda (NMRI)

CONTACT INFORMATION

Local Organizing Committee of DfS 2018

Email: DfS2018@naoe.eng.osaka-u.ac.jp

[<http://DfS2018.naoe.eng.osaka-u.ac.jp/>] (tbd)

CITY OF KOBE

Kobe is located in Hyogo Prefecture, one of several prefectures in the mid-west of Japan that, together, are known as the Kansai Region. This is Japan premier tourism area for overseas visitors making Kobe an ideal base city for visiting world heritage sites, both to the east and to the west.

Kobe offers easy access for both domestic and overseas travelers. It takes 20 minutes from Downtown Osaka by train and 65 minutes from Kansai International Airport by Limousine Bus to downtown Kobe (Sannomiya). (<http://kobe-cc.jp/english/access/index.html>)

CONFERENCE VENUE

The Conference venue will be Kobe International Conference Centre. (<http://kobe-cc.jp/english/index.html>)

The Conference Centre is located on Port Island, about 10 minutes from downtown Kobe (Sannomiya) by Port Liner Train.

REGISTRATION FEE

Early registration (on and before 21 July 2018)

Registration fee: 65000 JPY

Student fee: 30000 JPY

Accompanying Person fee: 20000 JPY

Late registration (after 21 July 2018)

Registration fee: 75000 JPY

Student fee: 35000 JPY

Accompanying Person fee: 20000 JPY

The registration (incl. student) allows you to participate in sessions with proceedings, reception, conference dinner, conference tour, lunches, and coffee breaks. The registered accompanying persons are allowed to join reception, conference dinner and conference tour. One registration (incl. student) provides a right to submit one paper for this conference and one paper for the STAB 2018 conference. If you plan to submit more than one paper for each conference, please contact the local organising committee.

First Announcement & Call for Papers

DfS 2018

7th International Maritime Conference on

DESIGN FOR SAFETY

Kobe, Japan

16-21 September, 2018

Organised by

Osaka University :

Japan's Ministry of Land, Infrastructure, Transport and
Tourism

Supported by

ClassNK

HISTORY

The very successful series of international conferences is running since 1999. Previous DfS Conferences were held in the following cities:

1999	Glasgow, Scotland, UK
2004	Sakai, Japan
2007	Berkley, USA
2010	Trieste, Italy
2013	Shanghai, China
2016	Hamburg, Germany

OBJECTIVE

The concept of the “Design for Safety” has been advocated among IMO and European Countries and is continues to gain momentum. A key issue is to address ship safety cost-effectively. Here safety is not treated as a design constraint and a limiting factor of ship profitability but as design objective aiming to enhance the value of the de-signed ship at the competitive safety-conscious market. Promoting the theme “Design of Safety”, the Conference expects participation and support by Administrations, Classification Societies, Universities, Research Institutes, Ship Design Offices, Shipbuilding and Shipping industries, Oil and Gas and other industries with knowledge-intensive, safety-critical products from all over the world to exchange the latest information and innovative ideas.

NOTICE

The conference will be held together with the 13th International Conference on Stability of Ships and Ocean Vehicle (STAB 2018) at the same venue and the same period for forming wider community of maritime safety. The participants are allowed to attend both conferences without additional fee.

<http://stab2018.naoe.eng.osaka-u.ac.jp/>

If you make your registration of the DfS conference, you can participate in the STAB conference with proceedings as well without any additional cost. One local organizing committee runs both conferences.

SCOPE

The Conference welcomes papers in aspects of Design for Ship Safety and topics in the areas of:

- Framework on Design for Safety
such as safety culture, active and passive safety, life-cycle design, risk-based regulations, goal-based standard, fire safety
- Methodology/Application on Design for Safety
such as risk analysis, performance-based approach, Formal Safety Assessment, risk-based design, first-principles approach
- Human factors
such as man-machine interface, crew performance, training issues, autonomous systems, cyber-systems
- Ship and System Resilience
such as bulk carrier/containership safety and reliability, FMEA, risk management
- Structural Reliability
such as FORM, FOSM, limit-state design,
- Live saving approaches
such as passenger ship evacuation, innovative approaches to emergency response and life-saving, decision support systems, search and rescue
- Big Data for Improved Safety
such as accident monitoring, AIS schemes, marine traffic management

Papers focusing on risk-based ship stability would be assigned to a joint session with the STAB2018.

PROGRAMME

16 Sept. (Sun.)	Registration and Welcome Reception
17 Sept. (Mon.)	Opening and Keynotes as Plenary Followed by parallel sessions
18 Sept. (Tue.)	Parallel Sessions
19 Sept. (Wed.)	Parallel Sessions and Conference Dinner
20 Sept. (Thu.)	Tour
21 Sept. (Fri.)	Parallel Sessions

SUBMISSION

Authors are invited to submit original, unpublished papers in one or more of the topics given overleaf. Abstracts should have an approximate length of 300~500 words and must clearly indicate the objectives, methodology, contents and relevant results of the paper. The abstracts ought to include author and co-authors full names with their affiliations and the full postal address, telephone and fax numbers and e-mail address of the corresponding author. The web site for abstract submission will be available this August.

The official language of the conference is English. All abstracts and full length papers must be submitted in English.

IMPORTANT DATE

Submission of abstracts:	31, Oct., 2017
Abstract acceptance Notification:	30, Nov., 2017
Submission of papers:	28, Feb., 2018
Paper acceptance notification:	31, May, 2018
Camera ready submission:	30, June, 2018