Safety of ships especially their stability has always been the concern for the international maritime community. The first international conference on Stability of Ships and Ocean Vehicles (STAB) was held in Glasgow, Scotland in 1975. Since then, the conference was held every 3 years. It has now become tradition that the International Ship Stability Workshops (ISSW) are held annually prior to the STAB conferences. The last ISSW was successfully held in Brest, France and now the 14th International Ship Stability Workshop will be in Kuala Lumpur, Malaysia prior to the STAB conference in 2015 in Glasgow.

Whilst, a wide large range of issues related to stability of ships and ocean vehicles are covered during the STAB conferences, the workshops are organised to focus more on particular subjects and recent developments in the field. As such, the workshop will discuss on recent developments of new regulations, new types of ships and predicting their stability, current research challenges, stability accidents, and others. The format of the workshop will allow the participants to have not only in-depth discussions, but also an opportunity to ask questions from the experts in their quest to obtain answers in the related fields of ship stability.

**ABSTRACT ISSW 2014**

1) Application of Second Generation IMO Intact Stability Criteria to Medium – Sized Fishing Vessels
2) Ship’s Stability in Grounded Condition
3) DEVELOPMENT OF MINIMUM FREEBOARD AND BOW HEIGHT FORMULA FOR INDONESIAN WATERS
4) An Analysis of Bilge Keel Effects using RANS with Overset Grids Method
5) A Numerical Study on Maneuver ability under Steady Equilibrium Condition in Waves for Free-running Model Ship
6) Numerical Investigation into Ship Stability Failure Events in Quartering Seas Based on Time Domain Weakly Nonlinear Unified Model
7) Investigation the Dynamical Stability of High Speed Crafts with an Analytical Approach
8) Dynamic Stability Analysis of a Wing in Ground Effect during Takeoff
9) Stability Analysis of Hybrid Catamaran Fishing Vessel
10) Selecting Monohull, Catamaran and Trimaran as Suitable Passenger Vessels Based on Stability and Seakeeping Criteria
11) Experimental and Numerical Study on Predicting method of Parametric Rolling in Regular Head Seas
12) Experimental and Numerical Study on Roll Restoring Variation using the Standard C11 Containment
13) A Study on Spinout Phenomena of Planing Craft in High Speed Turning with Radio Control Small Model
14) Validation of time-domain simulation code
15) Regulatory use of Nonlinear Dynamics: an Overview
16) Early-stage design assessment of the surf-riding susceptibility of naval ships
17) What is surf-riding in an irregular sea?
18) A New Approach to the Derivation of V-Line Criteria for a Range of Naval Vessels
19) DEVELOPMENT AND VALIDATION OF A TIME DOMAIN PANEL CODE FOR PREDICTION OF LOADS ON AND LARGE AMPLITUDE MOTIONS OF SHIPS
20) The sinking of the French destroyer BOUVET
21) Small combatant accidental damage extents
22) Remarks on experimental validation procedures for numerical intact stability assessment with latest examples
23) Model experiments in following and quartering seas using a small size ship model
24) Experimental database for surf-riding and broaching-to quantification based on captive model tests in waves
25) Air pressure scale effects during damage model tests
26) Calculation scheme for wave pressures with auto-regression method
27) Example of validation of statistical extrapolation
28) Critical distance on a phase plane as a metric for the likelihood of surf-riding in irregular waves
29) On the application of the Generalized Pareto Distribution for statistical extrapolation in the assessment of dynamic stability in irregular waves
30) Requirements and Criteria for Manoeuvrability in Adverse Weather Conditions
31) Computationally efficient models for motions in extreme conditions
32) Underlying linear spectrum for nonlinear gravity waves
33) On the inertia contribution due to floodwater mass
34) Design and construction of computer experiments in fluid mechanics and ship stability
35) Criteria for Minimum Powering and Maneuverability in Adverse Weather Conditions
36) Modelling of Extreme Waves Related to Stability Research
37) The Inertia Contributions due to Floodwater Mass
38) Forensic study of BOUVET capsizing
39) An Experimental Investigation on Reduction of List Angle of a Semi-submersible Platform in Head Sea

Enquiries & further details please contact:
ISSW 2014 Secretariat
School of Professional and Continuing Education (UTMSPACE), Universiti Teknologi Malaysia
No. 34-50, Jalan Kebudayaan 1, Taman Universiti, 81300 Skudai, Johor
Tel : +607-5218170 / 59  Fax : +607-5211355
Website : http://seminar.utm.space.edu.my/issw2014
E-mail : issw2014@gmail.com
To confirm your registration, please complete this form

Name: ________________________________
NRIC / Passport No.: ________________________________
Title: ________________________________
Organisation: ________________________________
Address: ________________________________
Tel: ________________________________
Fax: ________________________________
E-mail: ________________________________

Please tick (/) in the appropriate box/es below

☐ I will attend as participant ☐ I will present paper

Title of Paper: ________________________________
Co-authors: ________________________________
Signature: ________________________________
Date: ________________________________

Food Preference
☐ Vegetarian ☐ Non-vegetarian

MODE OF PAYMENT

A. Cheque or Bank Draft
Cheque No. / Bank Draft No.: ________________________________
Bank / Branch: ________________________________

All crossed cheque/bank draft should be made payable to
Account Name: UTMSpace
Account Number: 8601518228
Bank Name: CIMB Islamic Bank Berhad
Branch: UTM Skudai, Johor Swift Code: CIBBMYKL

B. Local Order (LO/PO)
Reference Number: ________________________________

Cancellations received in writing 30 days prior to the programme are eligible for a refund, subject to a 15% cancellation fee. Cancellations received less than 14 days from the date of the programme are not eligible for a refund. However, substitute attendees are welcome. Please note that the speakers and topics are confirmed at the time of printing. However, circumstances beyond the control of the organisers may necessitate substitutions or cancellations of speakers and/or topics. As such UTMSpace reserves the right to alter or modify the advertised speakers and/or topics.

Authorised Signature: ________________________________
Date: ________________________________
Name: ________________________________
Designation: ________________________________

FOR FURTHER INFORMATION, PLEASE CONTACT:

Enquiries & further details please contact:
ISSW 2014 Secretariat
School of Professional and Continuing Education (UTMSpace),
Universiti Teknologi Malaysia
No. 34-50, Jalan Kebudayaan 1, Taman Universiti, 81300 Skudai, Johor
Tel: +607-5218170 / 59 Fax: +607-5211355
Website: http://seminar.utmspace.edu.my/issw2014
E-mail: issw2014@gmail.com
Contact Person: Raihana