

Workshop Chairs

C. Guedes Soares, Instituto Superior Tecnico, Lisbon
J. Parunov, University of Zagreb, Croatia

Technical Programme Committee

V. Čorić, University of Zagreb, Croatia
N. Fonseca, Instituto Superior Tecnico, Lisbon
I. Grubišić, University of Zagreb, Croatia
P. Kuyalla, Helsinki University of Technology, Finland
Š. Malenica, Bureau Veritas, France
J. Prpić-Oršić, University of Rijeka, Croatia
R. Pavazza, University of Split, Croatia
I. Senjanović, University of Zagreb, Croatia
A. Teixeira, Instituto Superior Tecnico, Lisbon
P. Varsta, Helsinki University of Technology, Finland
N. Vulić, Croatian Register of Shipping, Croatia
A. Zamarin, University of Rijeka, Croatia
V. Žanić, University of Zagreb, Croatia
K. Žiha, University of Zagreb, Croatia

Local Organizing Committee

F. Vlak, University of Split, Croatia, (chair)
V. Slapničar, University of Zagreb, Croatia
D. Ban, University of Split, Croatia
B. Blagojević, University of Split, Croatia
V. Cvitanić, University of Split, Croatia
S. Škoko Gavranović, secretary

Contact

ASDEPP Workshop Secretary:

Mrs. Silvana Škoko Gavranović
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For further information on ASDEPP and updates on the Workshop can be found at:

www.mar.ist.utl.pt/asdepp/workshop

Venue

The ASDEPP Workshop will be held at the C502 lecture room located in Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture, University of Split.



C502 lecture room



Faculty of Electrical Engineering, Mechanical Engineering
and Naval Architecture, University of Split
Ruđera Boškovića bb
21000 Split
www.fesb.hr



INTERNATIONAL WORKSHOP



23rd & 24th November 2009
Split, Croatia

About ASDEPP Workshop

The objective of ASDEPP Workshop is to get together distinguished academics and industrial experts to present their views on different aspects of structural design of safe and environmentally friendly ships. The aim is to discuss relevant issues in the field and disseminate expertise to international graduate students of naval architecture and offshore engineering, to researchers and to engineers from the industry.

The workshop aims at building on courses and activities performed within ASDEPP project and expanding it to wider community interested in the various aspects related to ship structural design and analysis. The full papers will be published as the proceedings by Taylor & Francis.

Workshop is of interest for following audience:

- graduated and PhD students of naval architecture and offshore engineering,
- academic staff and researchers,
- Naval Architects and Marine Engineers (shipyards, shipowners, design offices, classification societies, personnel from Local Authorities ...)

Workshop Organizers



Technical University of Lisbon, Instituto Superior Tecnico, Lisbon, Portugal



University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture, Zagreb, Croatia



University of Split, Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture, Split, Croatia

Preliminary Technical Programme

- D. Bezinović: *AFRAMAX Tanker Baltic Ice Class - power determination doubts*
- P. Kujala: *Safety of ice-strengthened shell structures of ships navigating in the Baltic Sea*
- D. Sedlar: *Dynamic analysis of structures partially submerged in water*
- I. Tomac: *Active Vibration Control Using PI Regulated Electrodynamic Actuator – Bond Graph Approach*
- I. Kolacio, C. Guedes Soares, J. Prpić-Oršić: *Effect of water depth on ship dynamic behaviour in waves*
- A. Turk, S. Ribeiro e Silva, C. Guedes Soares, J. Prpić-Oršić: *The estimation methods for parametric rolling prediction*
- J. Parunov, P. Mage: *Hull Girder Fatigue Strength of Corroding Oil Tanker*
- Z. Božić, J. Parunov: *Fatigue crack propagation in stiffened panels of ship structures*
- R. Pavazza, F. Vlak, M. Vukasović: *Bending and torsion of stiffeners with angle sections under the plate normal pressure*
- K. Žiha et. al.: *Improving the Ultimate Strength of the Ship Hull*
- P. Varsta, S. Ehlers, K. Tabri: *Collision and Grounding as Criteria in Ship Design*
- S. Malenica, FX Sireta, F. Bigot, Q. Derbanne, XB Chen: *Some aspects of quasi static hydro-structure interactions in seakeeping*
- R. Grubišić: *Evaluation of propeller-hull interaction in early stage of ship design*
- J. Barle, M. Ladan, D. Ban: *Maritime Component Reliability Assessment and Maintenance Using Bayesian Framework and Generic Data*
- V. V. Grubišić, N. Vulić: *Design Optimization and Product Reliability*
- N. Vulić: *Conceptual Changes in CRS Classification and Croatian Statutory Technical Rules*
- T. A. Santos, C. Guedes Soares: *Probabilistic Approach to Damage Stability*
- V. Slapničar: *Damage stability of the aircraftcarrier*
- Â. Teixeira: *Reliability assessment of intact and damaged ship structures*
- K. Žiha, T. Zaplatić, F. Bosančić, B. Ljubenkov: *Importance of structural deformation measurement in shipbuilding process for ship reliability and environmental protection*
- N. Fonseca: *Global structural loads on ships and offshore structures induced by extreme waves*
- I. Senjanović et. al.: *Application of an advanced beam theory to ship hydroelastic analysis*
- D. Ban, B. Blagojević, J. Barle: *Ship Geometry Modelling Using RBF Interpolation Methods.*
- JMV Gouveia, C. Guedes Soares: *Marine Oil Spill Incidents in Portuguese Jurisdictional Waters*
- A. Klanac: *Maximization of Public Benefit: An Alternative Approach to Criterion of Risk Acceptance for Safety of Marine Structures*

Registration

The cost for participating in the Workshop is €200 per participant.

Participants should complete and return the Registration Form available at the ASDEPP workshop web page to the ASDEPP Workshop Secretariat (silvana@fsb.hr), with a proof of bank transfer at the latest until 7th November.

Workshop participation fee includes:

- Technical programme attendance.
- Workshop proceedings.
- Touristic visit to Split with lunch on Sunday, 22nd November.
- Lunches & refreshments on 23rd and 24th November.
- Workshop dinner on 23rd November.

Workshop proceedings will be published after the Workshop and sent to participants by post.

Optional post-Workshop visit to “Brodosplit” shipyard on 25th November is free of charge.

Registrations after 7th November are considered On-site and incur the corresponding fees.

Accommodation

The Workshop Organising Committee has made specific Workshop reservations at the following Hotels between 21st and 26th November 2009:

Hotel Park (4-star) www.hotelpark-split.hr
Price of single room abt. 100€.

Hotel Bellevue (3-star) www.hotel-bellevue-split.hr
Price of single room abt. 50€.

For the purpose of making a reservation with these prices, please contact Chair of local Organizing Committee Prof. Frane Vlak by E-mail fvlak@fesb.hr. The reservation deadline is 7th November 2009. After this date, all reservations are on a request basis directly with the Hotel.