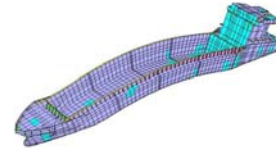




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ASDEPP

Advanced Ship Design for Pollution Prevention INTERNATIONAL WORKSHOP

Conference Schedule

Sunday, 22nd November - Touristic visit to Split with lunch.

Meeting point - "Kula" (Tower at crossing of main city market "Pazar" and coastal promenade "Riva") at 13:00

Lunch at Dalmatian tavern "Kod Joze", Sredmanuška 4, Split at 15:00

Lunches **23rd and 24th November** at FESB
(12:30-13:30)

Workshop dinner on **Monday, 23rd November** at 20:30 at Hotel "Park"
(20:30 – 23:00)

Workshop bus (direction FESB) will stop on Monday and Tuesday at 08:30 at Hotel "Park"

Information on ASDEPP and updates on the Workshop can be found at:
www.mar.ist.utl.pt/asdepp/workshop

Preliminary programme



23rd & 24th November 2009

Split, Croatia

Monday, 23rd November 2009 – Lecture Room C502

	9:00	Welcome address: Prof. Tomislav Kilić, Dean FESB; Prof. Izvor Grubišić, Dean FAMENA; Prof. Prof. Ivo Senjanović, HAZU, Prof. C. Guedes Soares, IST.
Session 1	Loads I	
	Chairman: Prof. Š. Malenica	
	9:20	N. Fonseca, C. Guedes Soares: <i>Global dynamic structural loads on ships induced by extreme waves</i>
	9:40	I. Turk, S. Ribeiro e Silva, C. Guedes Soares, J. Prpić-Oršić: <i>The estimation methods for parametric rolling prediction</i>
	10:00	I. Kolacio, C. Guedes Soares, J. Prpić-Oršić: <i>Effect of water depth on ship dynamic behavior in waves</i>
	10:20	D. Bajić, J. Prpić-Oršić: <i>Comparison of various classification societies requirements regarding bow area subject to wave impact loads</i>
	10:40	Coffee break
Session 2	Structural integrity I	
	Chairman: Prof. A. Teixeira	
	11:00	R. Pavazza, F. Vlak, M. Vukasović: <i>Bending and torsion of stiffeners with L sections under the plate normal pressure</i>
	11:20	M. Ćorak, J. Parunov, C. Guedes Soares, A. Teixeira: <i>Comparison of NFEA and CSR for collapse assessment of uniaxially loaded plates and stiffened panels</i>
	11:40	K. Žiha et. al: <i>Improving the Ultimate Strength of the Ship Hull</i>
	12:00	S. Kitarović, J. Andrić, V. Žanić: <i>Extended IACS incremental-iterative method for calculation of hull girder ultimate strength in analysis and design</i>
	12:20	Lunch Break
Session 3	Vibration & measurements	
	Chairman: Prof. I. Senjanović	
	14:00	R. Grubišić: <i>Evaluation of propeller-hull interaction in early stage of ship design</i>
	14:20	A. Šestan, B. Ljubenkov, N. Vladimir: <i>Investigation of propulsion system torsional vibration resonance of a catamaran vessel in service</i>
	14:40	I. Tomac, I. Pehnc, Ž. Lozina: <i>Active Vibration Control Using PI Regulated Electrodynamic Actuator – Bond Graph Approach</i>
	15:00	B. Ljubenkov, T. Zaplatič, K. Žiha, F. Bosančić: <i>Measurements for reliability of ship production and operation interaction</i>
	15:20	Coffee break
Session 4	Safety & Reliability	
	Chairman: Prof. K. Žiha	
	15:40	P. Kujala: <i>Safety of ice-strengthened shell structures of ships navigating in the Baltic Sea</i>
	16:00	L. P. Perera., J. P. Carvallho, and C. Guedes Soares: <i>Autonomous Guidance and Navigation based on the COLREGs Rules and Regulations of Collision Avoidance</i>
	16:20	J. Barle, M. Ladan, D. Ban: <i>Maritime Component Reliability Assessment and Maintenance Using Bayesian Framework and Generic Data</i>
	16:40	V. Grubišić, N. Vulić: <i>Design Optimization and Product Reliability</i>

Tuesday, 24th November 2009– Lecture Room C502

Session 5	Collision & grounding	
	Chairman: Prof. V. Žanić	
	9:00	P. Varsta, S. Ehlers, K. Tabri, A. Klanac: <i>Ship collision as criteria in ship design</i>
	9:20	T. A. Santos, C. Guedes Soares: <i>Probabilistic Approach to Damage Stability</i>
	9:40	A. Teixeira, C. Guedes Soares: <i>Reliability assessment of intact and damaged ship structures</i>
	10:00	V. Slapničar: <i>Damage stability of the aircraft carrier</i>
	10:20	JMV Gouveia, C. Guedes Soares: <i>Oil Spill Incidents in Portuguese Waters</i>
	10:40	Coffee break
Session 6	Loads II	
	Chairman: Prof. N. Fonseca	
	11:00	I. Senjanović, S. Tomašević, N. Vladimir, M. Tomić, Š. Malenica: <i>Application of an advanced beam theory to ship hydroelastic analysis</i>
	11:20	Š. Malenica, F. X. Sireta, F. Bigot, Q. Derbanne, X. B. Chen: <i>Some aspects of quasi static hydro-structure interactions in seakeeping</i>
	11:40	D. Sedlar, Z. Lozina & D. Vucina: <i>Dynamic analysis of structures partially submerged in water</i>
	12:00	M. Villabo: CroNoMar – presentation of marine oriented innovation company
	12:20	Lunch Break
Session 7	Ship Design	
	Chairman: Prof. C. Guedes Soares	
	14:00	D. Bezinović: <i>AFRAMAX Tanker Baltic Ice Class - power determination doubts</i>
	14:20	N. Vulić: <i>Conceptual Changes in CRS Classification and Croatian Statutory Technical Rules</i>
	14:40	D. Ban, B. Blagojević, J. Barle: <i>Ship Geometry Modelling Using RBF Interpolation Methods</i>
	15:00	I. Munić, V. Stupalo, V. Slapničar: <i>The Effect of L/B and B/T Variation on Subdivision Indexes</i>
	15:20	Coffee break
Session 8	Structural integrity II	
	Chairman: Prof. P. Kujala	
	15:40	Y. Garbatov, C. Guedes Soares : <i>Risk based maintenance of deteriorated ship structures accounting for historical data</i>
	16:00	J. Parunov, P. Mage, P. Jurišić, K. Žiha: <i>Hull Girder Fatigue Strength of Corroding Oil Tanker</i>
	16:20	Z. Božić, J. Parunov: <i>Fatigue crack propagation in stiffened panels of ship structures</i>
	16:40	S. Rudan: <i>High cycle and low cycle fatigue of ship structural details</i>
	17:00	Closing session: Prof. Joško Parunov, FAMENA; Prof. C. Guedes Soares, IST.