

ICSOT 2010

DEVELOPMENTS IN SHIP DESIGN AND CONSTRUCTION

11-12 November 2010
Surabaya, Indonesia

Programme

Organised by :



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OVERVIEW

The International Conference on Ship & Offshore Technology - Indonesia 2010 will take "Developments in Ship Design & Construction" as its theme, and will bring together members of the international maritime industry to present and discuss the latest developments in the ship design and construction process which will provide the improvements in productivity and cost-competitiveness necessary to respond to the demand for lower cost of ownership and greater environmental sensitivity.

PAPERS

EXPERIMENTAL EVALUATION OF WAVE RUN-UP EXTREMES OF A LARGE VOLUME SEMISUBMERSIBLE FOR MINIMUM AIR GAP DEFINITION

Agoes Priyanto and Mohd. Pauzi Abdul Ghani

A COMPARATIVE STUDY OF DIFFERENT STRUCTURAL STRESS APPROACHES FOR FATIGUE ASSESSMENT OF WELDED JOINTS

Nur Syahrani and Stig Berge

PROPELLER SHAFT REPAIR FOR A LARGE FERRY WITH THE AID OF LASER CLADDING TECHNIQUE

Nicholas Kampanis and Ingrid Hauer

EXPERIMENTAL INVESTIGATION INTO THE DRAG CHARACTERISTICS OF SYMMETRICAL AND ASYMMETRICAL STAGGERED AND UNSTAGGERED CATAMARANS

A Jamaluddin, I K A P Utama, A F Molland

A CONTENT ANALYSIS OF HUMAN FACTORS IN THE DESIGN OF MARINE SYSTEMS

Vincentius Rumawas

FLAT PLATE HULL MODULAR BOAT DESIGN FOR SUBSTITUTING EXISTING TRADITIONAL WOODEN COASTAL FISHING BOAT

Sunaryo, Hadi T. Wibowo, M.A. Talahatu

THE EFFECT OF DIMPLE TO REDUCE AERODYNAMIC DRAG OF A SHIP'S SUPERSTRUCTURE MODEL

Yanuar and Akbar Wicaksana

BASIC PRINCIPLES FOR SHIPS PERFORMANCE RANKING MERIT

Luigi Iannone

SUSTAINABLE SHIPPING – A WAY FORWARD?

Melanie Landamore

OFFSHORE SUPPORT VESSELS: FUTURE DESIGN CHALLENGES

Dr Arun Kr Dev, Dr Michael D Woodward and Wong Shao Wei Glenn

AN INVESTIGATION INTO THE EFFECTS OF TRIM IN SHALLOW WATER ON SHIP MANEUVERING DERIVATIVES

Dr. Michael D. Woodward

STUDY ON MANEUVERING PERFORMANCE OF A CATAMARAN WITH ASYMMETRIC DEMI-HULL FORM

Andi Haris Muhammad¹ and Yasukawa, Hironori²

MOVING PIV/LDV SYSTEMS FOR VARIOUS SHIP MODEL TESTS IN A TOWING TANK

Jeng-Horng Chen, Aria Yuliartha, Che-Chun Chang, Shi-tai Jian, Sheng-Jie Shih

NUMERICAL MODELING FOR MARINE MOBILE FLOATING BERTHING PROTECTION FACILITIES

O.Sulaman, N. W. Sani, Ab. Saman, A. Azlan, K.B.Samo

RISK ANALYSIS OF JACKET STRUCTURAL DAMAGE DURING A LAUNCH PROCESS

Ricky Gamayoga, Daniel M. Rosyid, Joswan J. Soedjono

AN OBSERVATION ON THE ACCIDENT OF NON-CONVENTION VESSELS CARRYING PASSENGER SUNK IN THE INDONESIA WATERS

Teguh Sastrodiwongso and Aleik Nurwahyudi

RESISTANCE OPTIMISATION OF A DISPLACEMENT SLENDER HULL

M. Salas, C. del Rio, J. Pérez and C. Cifuentes

MAINTENANCE SUPPLY CHAIN FOR SHIPS: A CONCEPTUAL APPROACH TO HOLISTIC SHIP DESIGN AND CONSTRUCTION

Imanuel Dindin and Stephen Cahoon

REDESIGN SKIPJACK POLE AND LINE AS MULTI-PURPOSE FISHING BOAT OPERATED IN MOLUCCAS WATERS

Wolter R Hetharia, Eliza R de Fretes, Lodwik M Kelwulan

VENUE & ACCOMMODATION

NaSDEC Building, ITS Campus, Surabaya, Indonesia.

PROCEEDINGS

The proceedings of the conference will be published in two form: printed and CD ROM. Both forms of the proceedings will be made available to the delegates at the time of registration. Papers of archival value will be considered further review for possible publication in RINA Journals such as International Journal of Maritime Engineering (IJME) and International Journal of Small Craft Technology (IJST).

