

The 12th International Conference on Marine Technology (MARTEC 2020)

Day 1: October, 15th 2020

Time (GMT+9)		Event	Room/Author/Moderator
Start	End		
9:00	10:00	Online Registration	Meeting room
10:00	10:05	Opening Ceremony	Main Conference room
		National Anthem "Indonesia Raya"	
		Welcome Speech:	
10:05	10:20	Jonny Latuny, PhD (Chairman of MARTEC 2020)	
10:20	10:25	Hymne of "Universitas Pattimura"	Main Conference room
10:25	10:40	Prof. Dr. M. J. Sapteno, SH., M.Hum (Rector of Pattimura University)	
10:40	10:45	Overview of Faculty of Engineering Pattimura University	
10:45	11:00	Break	
11:00	11:20	Keynote Speaker #1: Prof. Satryo Soemantri Brojonegoro (Chairman of AIPI) THE ROLE OF AIPI IN ENHANCING SCIENTIFIC EXCELLENCE	Main Conference room
		Moderator: Dr. Ir. W. R. Hetharia, M.App.Sc, FRINA	
11:20	11:30	Question and Answer	
11:35	12:15	Parallel Session I	
		Room 1. Naval Architect (NA)	Muhammad Arif Budiyanto
11:35	11:55	OPTIMISING HULLFORM BASED ON THIN SHIP THEORY AND RANKINE METHOD	Wiwin Sulistyawati*, Purwo Joko Suranto, Yanuar
11:55	12:15	SIMULATIONS ON THE UNDER-SHIP FINS EFFECT ON RESISTANCE AND ROLLING MOTION BY COMPUTATIONAL FLUID DYNAMICS	I Putu Sindhu Asmara*, Sumardiono, Aang Wahidin, Alif Nur Rochmad and Putu Gede Bayu Agastya
		Room 2. Marine and Ocean Engineering (ME)	Jonny Latuny
11:35	11:55	LOCAL STRESS ANALYSIS IN THE CHAIN LINK OF MOORING LINE THAT OCCURED DIAMETER DEGRADATION	Rafliansyah Azhar Putera*, Eko Budi Djatmiko, and Murdjito.

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Time (GMT+9)		Event	Room/Author/Moderator
Start	End		
11:55	12:15	A NUMERICAL STUDY ON HYDRODYNAMIC INTERACTION COEFFICIENTS FOR TWO FREELY FLOATING BARGES OF SIDE-BY-SIDE CONFIGURATION IN WAVES	Mir Tareque Ali.
		Room 3. Port, Shipyard and Transportation (PT)	Lodewyk M. Kelwulan
11:35	11:55	ANALYSIS OF VARIOUS SAFETY RISK ASSESSMENT IN THE PORT AREA FOR USE IN EASTERN INDONESIA	Santospriadi*, Tri Tjahjono, and Sunaryo.
11:55	12:15	HONG KONG CONVENTION COMPLIANT SHIP RECYCLING YARD DESIGN FOR UPTO 30,000 DWT SHIPS	Sunaryo*, Chandra P Rinaldi, Eko B Djatmiko, Siti Fariya, Rafet E. Kurt, and Sefer A Gunbeyaz.
12:15	13:00	Break (Lunch and Prayer time) for EIT	
13:00	14:00	Parallel Session II	
		Room 1. Naval Architect (NA)	I Putu Sindhu Asmara
13:00	13:20	A SHORT REVIEW OF METHODS TO PREDICT THE INCREASE IN SHIP RESISTANCE DUE TO BIOFOULING	Muhammad Luqman Hakim, I Ketut Suastika, and I Ketut Aria Pria Utama*.
13:20	13:40	EFFECTIVENESS OF STRAIGHT AND V-SHAPED VANES AS ENERGY SAVING DEVICE APPLIED TO HIGH-SPEED BOATS	I Ketut Suastika*, Ahmad S. Saputra, Ahmad Firdhaus
13:40	14:00	TIME AND COST EFFECTIVE SHIP DESIGN PROCESS USING SINGLE PARENT DESIGN APPROACH WITH CONSIDERABLE DIMENSION DIFFERENCE	Md Riad Khan*, Md Ariful Islam, and Ahammad Abdullah.
		Room 2. Marine and Ocean Engineering (ME)	Sammy Litiloly
13:00	13:20	CFD SIMULATION OF HEAT TRANSFER THROUGH FINNED TUBE HEAT EXCHANGER WITH DIFFERENT SHAPES USING CNT NANOFLUIDS	Saqib Ahmad Bhuiyan, Sowmik Chowdhury, Mehedi Hasan Ahmed, and Md. Mashud Karim*
13:20	13:40	HYDRODYNAMIC ANALYSIS OF A SEMI- SUBMERSIBLE TYPE OFFSHORE STRUCTURE IN REGULAR WAVES	Md Admay Amif*, Pradipta Biswas, Sheikh Ahmad Sakib, and Mir Tareque Ali.
13:40	14:00	NUMERICAL PREDICTION OF FLOW PAST OFFSHORE STRUCTURES AT DIFFERENT ANGLES OF ATTACK	Md. Mashud Karim*, Samin Sadman Shad and Al Ikram Amit.

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		Room 3. Port, Shipyard and Transportation (PT)	Lodewyk M. Kelwulan
13:00	13:20	ADVANCEMENT OF SHIP RECYCLING INDUSTRY OF BANGLADESH IN COMPARISON TO REST OF THE WORLD WITH OBSTACLES, ROOT CAUSES AND PROPOSITIONS	Ahammad Abdullah*, Abdullah Moinuddin, Md Riad Khan and Md Ariful Islam.
13:20	13:40	BRIEF ANALYSIS OF INLAND WATERWAY ACCIDENTS IN BANGLADESH: CAUSES AND SOLUTIONS	Md. Jobayer Mia*, Md. Shariful Islam, Md. Abidul Islam, Mehran Islam and Md. Imran Uddin.
14:05	14:55	Break (Lunch and Prayer time) for WIT	
15:00	15:20	Keynote Speaker #2: Prof. Philippe Rigo (Prof. at University of Liege, Belgium; Coordinator EMSHIP Erasmus Mundus Master) OPTIMISATION OF SHIP AND OFFSHORE STRUCTURES <i>Local Time: 08.00 AM</i> Moderator: Dr. Ir. W. R. Hetharia, M.App.Sc, FRINA	Main Conference room
15:20	15:30	Question & Answer	
15:35	16:15	Parallel Session III	
		Room 1. Naval Architect (NA)	I Putu Sindhu Asmara
15:35	15:55	GLOBAL HULL STRUCTURAL ANALYSIS OF A 50M ALUMINUM CATAMARAN	Sohanur Rahman* and Radomir Jasic
15:55	16:15	HYDRODYNAMIC PERFORMANCE ANALYSIS OF HYDROFOIL SUPPORTED HIGH-SPEED VESSEL USING COMPUTATIONAL FLUID DYNAMICS	Rounak Saha Niloy*, Mohammed Jubair Dipto, and Mirza Md. Mehedi Hassan.
		Room 2. Marine and Ocean Engineering (ME)	Sammy Litiloly
15:35	15:55	THE APPLICATION OF HYDROSTATIC TRANSMISSION SYSTEM (HST) FOR INCREASING ROTATION SPEED OF THE SEAWATER CURRENT TURBINE MODEL	W. M. Rumaherang*, J. Latuny, N. Titahelu, and C. S. E. Tupamahu
		Room 3. Port, Shipyard and Transportation (PT)	Lodewyk M. Kelwulan
15:35	15:55	TIDAL RIVER DESIGN AND MAINTENANCE AIMED AT IMPROVING THE RELATIONSHIP BETWEEN NAVIGATION AND NATURE. EXAMPLES FROM THE SEA SCHELDT, FLANDERS, BELGIUM	Michaël De Beukelaer-Dossche*, Stijn Bosmans, Roeland Adams, Joachim Vansteenckiste, and Gunther Van Ryckegem.

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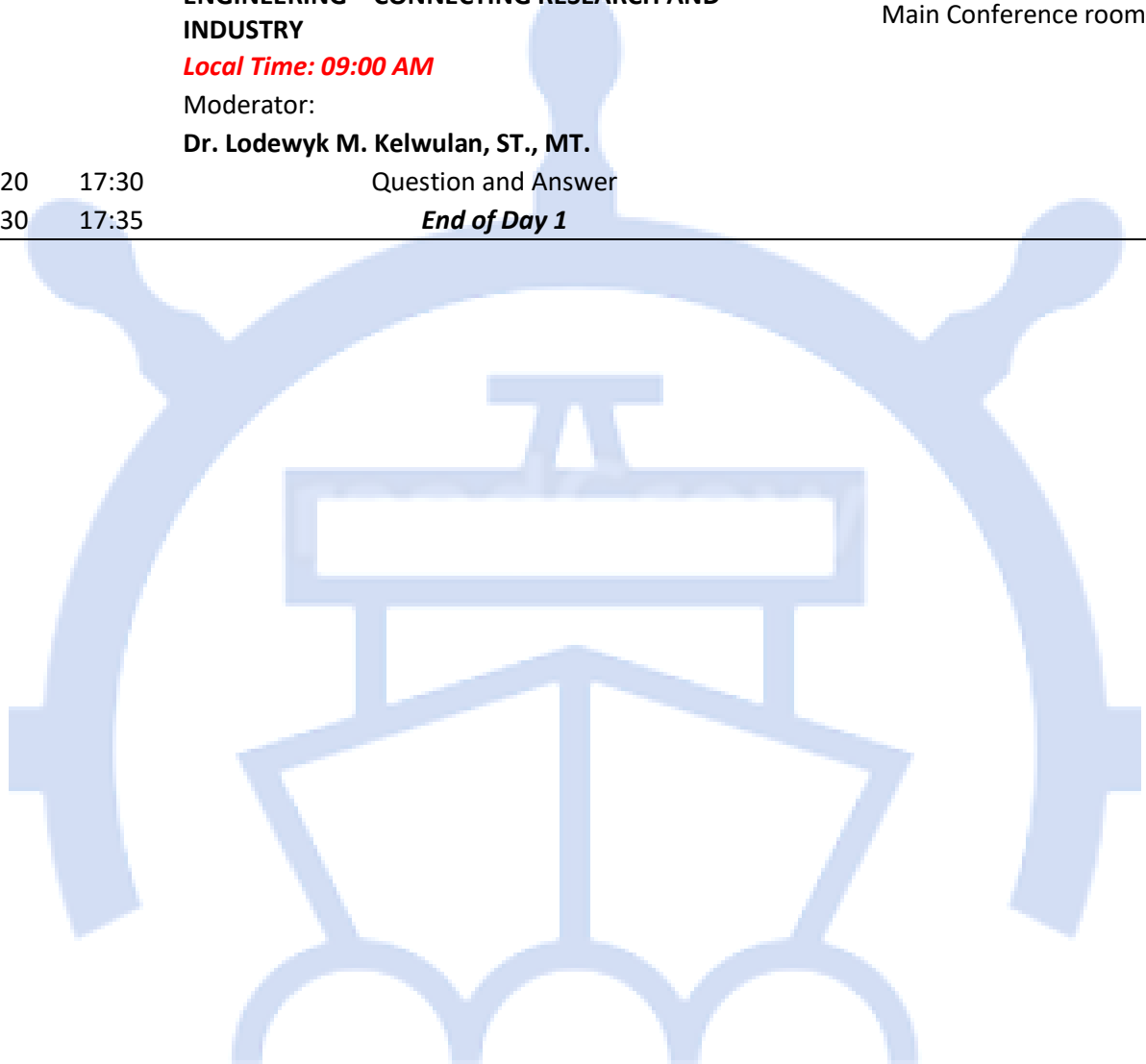




MARTEC 2020

Developing Marine Industry for a Better Future

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Start	End		
16:15	17:00	Break	
17:00	17:20	Keynote Speaker #3: Prof. Giles Thomas <i>(University College London, United Kingdom)</i> INNOVATION AND CREATIVITY IN MARITIME ENGINEERING – CONNECTING RESEARCH AND INDUSTRY Local Time: 09:00 AM Moderator: Dr. Lodewyk M. Kelwulan, ST., MT.	Main Conference room
17:20	17:30	Question and Answer	
17:30	17:35	End of Day 1	



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Day 2: October, 16th 2020

Time (GMT+9)		Event	Room/Author/Moderator
Start	End		
9:30	10:10	Online Registration	Main Conference room
10:10	10:15	Opening of Day 2	
10:15	10:35	Keynote Speaker #4: Prof. I Ketut Aria Pria Utama, M.Sc., Ph.D., CEng., FRINA (VP RINA Regional ASIA) INNOVATION: THE KEY TO FUTURE SUCCESS Moderator: Jonny Latuny, ST, M.Eng, Ph.D	Main Conference room
10:35	10:45	Question & Answer	
10:45	11:00	Break	
11:00	11:20	Keynote Speaker #5: Ir. Mauricio Solano Peralta, M.Sc (Program Manager Infracted, New Zealand) LONG-LASTING RENEWABLE MINI-GRIDS FOR SMALL ISLANDS: TECHNOLOGIES AND SUSTAINABILITY Local Time: 08:00 PM (October 15th, 2020) Moderator: Dr. Ir. W. R. Hetharia, M.App.Sc, FRINA	Main Conference room
11:20	11:30	Question & Answer	
11:30	13:55	Break (Lunch)	
14:00	15:40	Parallel Session IV	
		Room 1. Naval Architect (NA)	Lodewyk M. Kelwulan
14:00	14:20	EFFECT OF SAIL DIMENSIONS ON SAILING JONG STABILITY	Badrul Amin Yusoff, Adi Maimun and Arifah Ali
14:20	14:40	CRITICAL POINT OF ROLL MOTION ANALYSIS ON PURSE SIENE VESSEL OPERATIONAL IN FISHING GROUND	Fella Gasperz, Richard B Luhulima, Ruth P Soumokil, and Jacobus Tupan
14:40	15:00	MINIMUM REQUIREMENT OF RIGHTING ARM CHARACTERISTICS REGARDING STABILITY OF A SHIP IN BEAM WAVES	Daeng Paroka, A.H. Muhammad and Sabaruddin Rahman
15:00	15:20	FUTURE APPLICATION OF SIDE FLOATER TO INCREASE STABILITY PARAMETERS OF SEMI-DISPLACEMENT SHIPS	Wolter R Hetharia*, Fella Gasperz, Eliza R de Fretes, and Patrick de Fretes.
		Room 2. Marine and Ocean Engineering (ME)	Wulfilla M. Rumaherang
14:00	14:20	SURFACE RECOMBINATION STUDIES OF THIN-FILM SILICON SOLAR CELLS TO INCREASE LIGHT ABSORPTION IN HIGH-EFFICIENCY FLOATING PHOTOVOLTAIC: CASE STUDY IN INNER AMBON BAY	Samy J. Litolily*, Antoni Simanjuntak, Rina L. Manuhutu, and Luwis H. Laisina

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		Room 3. Naval Architect (NA)	Jonny Latuny
14:00	14:20	EFFECT OF THE STERN WEDGE, STERN FLAP AND INTEGRATED STERN WEDGE-FLAP TO MINIMIZE THE TOTAL SHIP RESISTANCE USING CFD	Deddy Chrismianto*, Gilang Bayu Pangestu and Andi Trimulyono
14:20	14:40	NUMARICAL MODELING OF UNCOUPLED HEAVING AND PITCHING MOTION OF A SHIP	Goutam Kumar Saha*, Mohammed Abir Mahdi and Afia Aziz Kona
		Room 3. Port, Shipyard and Transportation (PT)	Jonny Latuny
14:40	15:00	MULTIPLE LINEAR REGRESSION MODEL FOR SHIP REPAIR TIME ESTIMATION	Dr. Zobair Ibn Awal*, Ahammad Abdullah.
15:20	17:00	Break	
17:00	17:20	Keynote Speaker #6: J. Salvador de Paiva, M.Sc., Ph.D. Cand. (HZ University of Applied Science) Local Time: 09:00 AM (Portugal Time) 10:00 AM (The Netherland Time)	Main Conference room
		Moderator: Dr. Lodewyk M. Kelwulan, ST., MT.	
17:25	17:35	Question & Answer	
17:40	18:00	Link Voting (Next host for Martec 2022)	
18:00	18:30	Closing Statement Dr. Ir. W. R. Hetharia, M.App.Sc, FRINA (Dean of Faculty of Engineering Pattimura University)	Main Conference room
18:30	18:40	Maluku Tour (Government tourism office)	
AMATOO			

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