NAV 2018

Wednesday, 20 June 2018

Hydrodynamics: Session 1 - Oceania (14:00 - 16:00)

time	[id] title	presenter
14:00	[144] Numerical investigation of 2D Vortex Induced and Wake Induced Vibrations of two circular cylinders in tandem arrangement	Mr MARTINI, Simone
14:15	[181] Towards guidelines for consistent wave propagation in CFD simulations	Mr CREPIER, Pierre
14:30	[18] An Investigation on The Effects of Various Flow Parameters on the Underwater Flow Noise	Mr BULUT, Sertaç
14:45	[155] Performance prediction of the DTMB 5415 model in irregular waves via URANS simulations	Dr LEOTARDI, Cecilia
15:00	[55] THE EFFECT OF THE LONG-PERIOD COMPONENTS OF ADDED RESISTANCE IN IRREGULAR WAVES	Ms KURODA, Mariko
15:15	[56] COMPUTATIONS OF ROLL MOTION IN WAVES USING A FULLY NONLINEAR TIME DOMAIN POTENTIAL FLOW METHOD	COSLOVICH, Francesco

Thursday, 21 June 2018

Hydrodynamics: Session 2 - Marconi (08:30 - 10:30)

time	[id] title	presenter
08:30	[50] Shape optimization by means of proper orthogonal decomposition and dynamic mode decomposition	Mr DEMO, Nicola
08:45	[100] Model order reduction by means of active subspaces and dynamic mode decomposition to parametrized hull shape into hydrodynamic design problems	TEZZELE, Marco
09:00	[46] Fully Automated Ship Resistance Prediction using the Naval Hydro Pack	Mr GATIN, Inno
09:15	[130] A Numerical Way for a Stepped Planing Hull Design and Optimization	Dr MANCINI, Simone
09:30	[157] Experimental and numerical prediction of the hydrodynamic performances of a 65 ft planing hull in calm water	Mr PIGAZZINI, Riccardo
09:45	[94] ON UNDERWATER GLIDER'S STABILITY IN BALANCING MODE OF MOTION	Dr SUKHORUKOV, Andrey
10:00	[89] TIME DOMAIN ASSESSMENT OF VERTICAL MOTIONS OF PLANING HULLS	Prof. BEGOVIC, Ermina

Hydrodynamics: Session 3 - Saturnia (11:00 - 13:00)

time	[id] title	presenter
11:00	[88] Comparative test in design of hydrofoils for a new generation of ships	Prof. RUGGIERO, Valerio
11:15	[127] Experimental investigation of blade and propeller loads during straight ahead sailing	Dr ORTOLANI, Fabrizio
11:30	[138] Extensive cavitation tunnel acoustic characterization of controllable pitch propellers for the development of a machine learning tool	Dr MIGLIANTI, Fabiana
11:45	[170] Experimental study of sloshing in rectangular tank under baffles and hydrophobic effects	Mr KORKMAZ, Fatih Cuneyd
12:00	[51] Theoretical and experimental investigations of appendages and heeling angle influences on the hydrodynamic resistance of a sailing yacht	Mr PLINGU, Razvan Gabriel
12:15	[61] System for speed/power trials measurement and analysis in accordance with international recommended procedure	Mr BECCHI, paolo
12:30	[33] Gain in Fuel Consumption with Frictional Resistance Reduction by Air-Bubbling Technique	Mr DI MARE, Giovanni Alberto

Friday, 22 June 2018

Hydrodynamics: Hydrodynamics - Marconi (14:30 - 16:30)

time	[id] title	presenter
14:30	[20] The use of modern computational tools in the design process of unconventional propellers for performance prediction and full-scale extrapolation	Dr GONZÁLEZ-ADALID, Juan
14:45	[35] Fluid dynamics optimization of a shaft-less rim-driven thruster	Mr BRUNO, Daniele Mr MALGIERI, Daniele
15:00	[106] Hydrodynamic noise from a propeller in open sea condition	Mrs CIANFERRA, Marta
15:15	[125] Numerical Predictions of a Model Scale Propeller in Uniform and Oblique Flow	Dr MORGUT, Mitja
15:30	[135] EVALUATION OF PROPELER INDUCED VIBRATIONS	Dr CRUDU, Liviu Dr MARCU, Oana
15:45	[54] CFD Automated Self Propulsion Test	Mr GUSTIN, Gianluca
16:00	[13] DIFFUSER DESIGN WITH VISCOUS FLOW COMPUTATIONS FOR A LARGE WATER TUNNEL	Mr KOKSAL, Cagatay Sabri