

2024 ATMA SESSION

Tentative Program (28/06/2024)

9h00 - 9h05	Opening by M. Alain BOVIS, Président of ATMA
Session 1 :Civil Ships. Président	
9h05 - 9h35 1	Conversion of LNG Carrier to FSRU: Jean-François Castel (Gazocean)
9h35 – 10h05 2	Physicsinocéanology : Gilles Chatry (IFREMER)
10h05 – 10h35 3	Membrane ship, liquid hydrogen transportation (LH2) de grande capacité : Michel Faou (TotalEnergies), BV, GTT
10h35 – 11h00	Coffee break
Session 2 : Military ships. Président	
11h00– 11h30 4	Simulation of a torpedoswim-out launchingwith a one dimensional model usingpropellersthurst coefficients: Fabien Pécot (Sirehna)
11h30– 12h00 5	Acousticcomfort and performance, innovation at their service : Laetitia Celli (Naval Group)
12h00– 12h30 6	Versatilemethod tocalculatethe answer of onbaoardequipments to underwater explosions: Jean-François Sigrist (Eye Pi)
12h30– 13h50	Lunch break
Session 3 : Stability, hydrodynamicsand propulsion.Chairman	
13h50 – 14h00 7	Progress of the stabilityworking group Stabilité : Jean-Yves Billard (Ecole navale)
14h00– 14h30 8	The GM-METER a completeanswer to all stabilityproblems in operation: Alain Cota
14h30– 15h00 9	Ship propulsion: integration of CFD in the design process: Romain Huret (Naval Group)
15h00 –15h30 10	Multi-model and machine learning for pitch optimization and control of a cycloidalpropeller : Frédéric Hauville(Ecole Navale)
15h30- 16h00	Refreshment break
Session 4 : Matérialsand structures.Chairman	
16h00 – 16h30 11	Hybrid Structural Health Monitoring of August Benebig : Jean-Marc Quénez (SSF)
16h30 – 17h00 12	Recentdevelopments in numerical simulation of forming, assembling and maintenance of submarinehulls: Florent Bridier (Naval Group)
17h00 – 17h30 13	Repairing LNGC sideshellhullpost-impact : Jean-Philippe Court (Cold Pad)
17h30	Ending