



Joint ATMA/CEMT 2026 Conference Naval Architecture and Maritime Engineering Paris, October, 5th and 6th, 2026

**Themes presented : Naval Architecture, Hydrodynamics,
Shipbuilding and Operation, Decarbonization, Stability,
Application of hard and soft sciences, Application to naval
ships**

ATMA and CEMT invite you to participate in an annual conference which will take place on Monday October 5 from 9 a.m. to 5 p.m. and October 6 from 9 a.m. to 13.00 p.m. in the Chaptal lounge of the Hôtel de l'Industrie. Access is free but you must confirm your presence in advance by a Weezevent account (defined later).

Hôtel de l'Industrie is located 4 Place Saint-Germain des Prés, 75006 Paris, just near Saint-Germain des Prés church (Metro line 4: Saint-Germain des Prés, Metro line 10: Mabillon).

Program

Monday 5 October

9h00 - 9h15	Introduction by MM Trevor BLAKELEY CEMT President and Alain BOVIS, ATMA President
Session 1 : Naval Architecture. Chairman	
9h15 – 9h45 1	Revolutionizing Naval Architecture and Marine Engineering for a sustainable and efficient future (Pérez Rodrigo FERNANDEZ, Dr Prof. Senior Director, Siemens DISW, for AINE)
9h45 – 10h15 2	Navytools : Prediction of ship performance in preliminary design (Pierre MONTFORT,
Coffee break	

Session 2 : Hydrodynamics. Chairman	
10h45 - 11h15 3	Similarity laws in experimental hydrodynamics (Didier FRECHOU, DGA TH)
11h15 – 11h45 4	Evaluation of ship's added resistance in wave (Pierre WUILLAUME, Bureau Veritas)
11h45 – 12h15 5	Propeller boss cap fin performance and scale effects (Dimitra ALEVNAVI, ERMA First, for HIMT)

12h15 – 14h00	Lunch Break : free time for participants -CEMT Council meeting for delegates
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Session 3 : Shipbuilding and Operation. Chairman	
14h0 – 14h30 6	Brief background of maritime industry in Finland (Eero MAKINEN, LARADI, for Finish Society of Naval Architects)
14h30 - 15h00 7	Empowering Shipbuilding with Intelligent Shipyard (Pérez Rodrigo FERNANDEZ, Dr Prof. Senior Director, Siemens DISW, for AINE)
15h00 – 15h30 8	Impact of onlie cargo pump scheduling and boiler operation optimization for tanker discharge operation (Thomas PAPACHARIZANOS, DNV, for HIMT)
Coffee break	

Session 4 : Decarbonization. Chairman	
16h00 - 16h30 9	Decarbonization pathways for global maritime transport towards 2050 : a multi-lever, uncertainty-aware modelling approach (Jean-François SIGRIST, EyePi)
16h30 – 17h00 10	Analysis of the limits of the carbon-focused single-criteria approach in the context of assessing the overall impacts of ships on the ocean (Louise LORIDON, doctoral student at Institut Polytechnique de Paris (ENSTA), CMA CGM)
Cocktail	

Tuesday 6 October

9h00 - 9h05	Introduction by Mr Alain BOVIS, ATMA President
Session 5 : Stability. Chairman	
9h05 - 9h35 11	New concept of point of Application of Forces (Jean-François LE GUEN, DGA TH, Jean-Yves BILLARD, CEPPOL)
9h35 – 10h05 12	Development of a ship stability measurement application (Antoine ESPINASSE, ENSM)
10h05 – 10h35 13	Hydrostatics for assistance to ship in distress. (Jean-Yves BILLARD, CENTEX SM, French Navy)
10h35 – 11h00	Coffee break

Session 6 : Application of hard and soft sciences. Chairman	
11h00 - 11h30 14	Mathematics in oceanology (Gilles CHATRY, IFREMER)
11h30 – 12h00 15	Mediation : an innovative communication engineering approach for the maritime world (Lara LADONNE-DEVILLER)

Séance 7 : Application to naval ships. Chairman	
12h00 - 12h30 16	Use of UAV and underwater ROVs for maintenance on the aircraft carrier Charles de Gaulle (Jean-Marc QUENEZ, SSF)
12h30 – 13h00 17	Digital Tools for Assessing Biological Risks on Board Military Ships: Decision Support and Application Cases (Clara INGHELS, doctoral student at Ecole Centrale de Nantes, Naval Group)