



Joint ATMA/CEMT 2026 Conference on 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 a conference which will take place on Monday October 5 from 9 a.m. to 6 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 please confirm your presence :

<https://my.weezevent.com/atma-cemt-2026-conference-english>

The conference can be followed online :

<https://us02web.zoom.us/j/83471958432?pwd=DqQag5NUFM6DG9AZhbkHel1ww3bdzf.1> (October 5)

<https://us02web.zoom.us/j/81522890795?pwd=pFI9RgUOC18PwQoSxLd8ukAp0Ax2fR.1> (October 6)

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 Régis BEAUGRAND	
9h15 – 9h45 1	Revolutionizing Naval Architecture and Marine Engineering for a sustainable and efficient future (Rodrigo PEREZ FERNANDEZ, Dr Prof. Senior Director, Siemens DISW, for AINE)
9h45 – 10h15 2	Navytools : Prediction of ship performance in preliminary design (Pierre MONTFORT, OSE Engineering)
10h15 – 10h45	Coffee break

Session 2 : Decarbonization. Chairman Fabien BIGOT	
10h45 - 11h15 3	Decarbonization pathways for global maritime transport towards 2050 : a multi-lever, uncertainty-aware modelling approach (Jean-François SIGRIST, EyePi)
11h15 – 11h45 4	Towards a holistic approach of the environmental impacts of container ships (Louise LORIDON, doctoral student at Institut Polytechnique de Paris (ENSTA), CMA CGM)
11h45 – 12h15 5	Monitoring of air pollution caused by the maritime sector: Feasibility study on real-time measurement of SO ₂ , NO ₂ and PM pollutants from a vessel (Céline DROUET, Oceanovox)

12h15 – 14h00	Lunch Break : free time for participants - CEMT Council meeting for delegates
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Session 3 : Shipbuilding and Operation. Chairman Yann DOUTRELEAU	
14h00 – 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 (Rodrigo PEREZ 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)
15h30 – 16h00	Coffee break

Session 4 : Hydrodynamics. Chairman Jean-Marc QUENEZ	
16h00 - 16h30 9	Expanded scope of similiarity laws in naval hydrodynamics (Didier FRECHOU, DGA TH)
16h30– 17h00 10	Evaluation of ship's added resistance in wave (Pierre WUILLAUME, Bureau Veritas)
17h00 – 17h30 11	Propeller boss cap fin performance ans scale effects (Dimitra ANEVLAVI, ERMA First, for HIMT)
17h30 – 18h00 12	Assessment of Ship Surf-Riding Susceptibility (Dr Michał STRUK, Gdańsk University of Technology, for KORAB)
18h00 – 19h30	Cocktail

Tuesday 6 October

9h00 - 9h05	Introduction by Mr Alain BOVIS, ATMA President
Session 5 : Stability. Chairman Olivier PIROUX	
9h05 - 9h35 13	New concept of point of Application of Forces (Jean-François LE GUEN, DGA TH, Jean-Yves BILLARD, CEPPOL)
9h35 – 10h05 14	Development of a ship stability measurement application (Antoine ESPINASSE, ENSM)
10h05 – 10h35 15	Hydrostatics for assistance to ship in distress. (Jean-Yves BILLARD, CEPPOL)
10h35 – 11h00 Coffee break	

Session 6 : Application of hard and soft sciences. Chairman Philippe GOUBAULT	
11h00 - 11h30 16	Mathematics in oceanology (Gilles CHATRY, IFREMER)
11h30 – 12h00 17	Mediation : an innovative communication engineering approach for the maritime world (Lara LADONNE-DEVILLERS)

Séance 7 : Application to naval ships. Chairman Jean-Yves BILLARD	
12h00 - 12h30 18	Use of UAV and underwater ROVs for maintenance on the aircraft carrier Charles de Gaulle (Jean-Marc QUENEZ, SSF)
12h30 – 13h00 19	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)