

ANNUAL MEETING OF MARINE TECHNOLOGY 2015

Technological Conference and Exhibition



EUGENIDES FOUNDATION
AUDITORIUM

24-25 NOVEMBER 2015

Innovative Marine Technologies Ensuring Sustainable Shipping

PROGRAMME



H.I.M.T.
HELLENIC INSTITUTE
OF MARINE TECHNOLOGY

Under the auspices of
Ministry of Shipping and Island Policy
Ministry of Environment and Energy
Hellenic Chamber of Shipping
Hellenic Shortsea Shipowners Association
Hellenic Association of Naval
Architects (HANA)



H.I.M.T.

HELLENIC INSTITUTE OF MARINE TECHNOLOGY

Invitation

We are pleased to invite you
to the **9th HIMT Annual Meeting of Marine Technology 2015**,
held on **Tuesday, 24 November** and **Wednesday, 25 November**
at the **Eugenides Foundation Auditorium**,
1st floor (387, Syngrou Ave., 175 64 Paleo Faliro),
opening time at 09:00 a.m. (entry time 08:15 a.m.).

The General Secretary
Heleni Basdani

The Chairman
Kostas Spyrou

Annual Dinner and H.I.M.T. Annual Prize 2015

We are honored to invite you to the **Annual Dinner**,
to be held at the **ATHENS LEDRA HOTEL**
(Mediterranean Ballroom, 115 Syngrou Avenue, tel.: 210 93 00 000)
on **Wednesday, 25 November**, entry time at 21:00.

Before the Dinner, the Ceremony for the award
of **"HIMT Annual Prize 2015"** will take place
for **Mr. Chrysson Sariyannidis, Naval Architect and Marine Engineer.**

For participation at the Conference or/and reservation at the Annual Dinner 2015,
please contact Mrs. Xenia Galetsi, HIMT Secretary, tel.: +30 210 4186062, email: elint@otenet.gr



Hosting Special Event 25/11

CEMTS 2015: Confederation of European Maritime Technology Societies 2015.

H.I.M.T. has the honor to host the CEMTS 2015 annual meeting (limited reserved seating is for special guests only) with the participation of the most significant European Maritime Technology Societies representatives.

TUESDAY 24/11 15:00

Round Table Discussion

PROSPECT FOR INNOVATIVE ACTIONS AND GROWTH IN MARITIME TECHNOLOGY

Moderator:

V. Papageorgiou

TSAKOS Group Vice President

I. Arabatzis

HEMEXPO Member

Hellenic Marine Equipment Manufacturers & Exporters

Managing Director, *Nanophos*

S. Kasidiaris

ECOMASYN President

Hellenic Eco Marine Synergy, CoopLtd

Managing Director, *C+A Stavros Kassidiaris*

S. Katsikas

Representative and Member of the EU Organization

'Vessels for the Future'

Chief Technology Officer, *Prisma Electronics*

I. Polychronopoulos

VIPAS President

Chairman EPE, *Environmental Protection Engineering S.A.*

A. Vamvakaris

EENMA Board/treasurer

Hellenic Shortsea Shipowners' Association (EENMA)

Director, *Vamvaship Maritime*

FREE ENTRANCE



H.I.M.T.
HELLENIC INSTITUTE
OF MARINE TECHNOLOGY

TIME SCHEDULE

TUESDAY 24/11

08:15 - 09:00	Registration
09:00 - 09:05	Welcome K. Spyrou, Chairman of The Hellenic Institute of Marine Technology
09:05 - 09:20	Opening Addresses EENMA - HELMEPA - HEMEXPO
09:20 - 09:40	Keynote Speech 1 T. Dritsas, Ministry of Shipping and Island Policy
09:40 - 10:00	Keynote Speech 2 G. Gratsos, Hellenic Chamber of Shipping
10:00 - 11:00	Session 1
11:00 - 11:30	Coffee break
11:30 - 12:00	Thematic Talk 1 Compliance with the EU Sulphur Directive - The contribution of the European Sustainable Shipping Forum (ESSF)
12:00 - 13:30	Session 2
13:30 - 14:00	Thematic Talk 2 Applied ship propulsion: A novel approach in educating practicing naval architects and marine engineers
14:00 - 15:00	Lunch
15:00 - 17:00	Round Table Discussion PROSPECT FOR INNOVATIVE ACTIONS AND GROWTH IN MARITIME TECHNOLOGY
17:00 - 17:30	Thematic Talk 3 Planning the maintenance and repair of ships from an owner perspective
17:30 - 18:00	Session 3 Sponsors Presentations "MARINE EDUCATION" NEW YORK COLLEGE COSMOS NAUTICAL TRAINING CENTRE

WEDNESDAY 25/11

09:00 - 10:00	Session 4
10:00 - 10:15	Confederation of European Maritime Technology Societies (CEMT) Invited Address: Chairman of CEMT
10:15 - 10:45	Thematic Talk 4 The legislative framework for the traditional vessels in Greece
10:45 - 11:15	Coffee break
11:15 - 11:45	Thematic Talk 5 Cyber - Security and Shipping
11:45 - 13:15	Session 5
13:15 - 14:15	Lunch
14:15 - 15:30	Session 6 Sponsors Technical Presentations "CLASS PERSPECTIVES" DNV-GL HELLENIC LLOYD'S S.A. RINA HRS
15:30 - 16:00	Thematic Talk 6 DESFA initiatives for the development of small scale LNG in Greece
16:00 - 16:30	Session 7 Sponsors Technical Presentations "INNOVATIVE MARINE TECHNOLOGIES & EQUIPMENT" ALFA LAVAL TECHNAVA
16:30 - 17:10	Session 8 Selected papers from the IMAM 2015 Congress, Croatia
17:10 - 17:20	Synopsis and closing of the conference

TUESDAY 24/11: PROGRAMME

09:00 - 09:05

Welcome

K. Spyrou, Chairman of The Hellenic Institute of Marine Technology

09:05 - 09:20

Opening Addresses

N. Liapis, Member of the Executive Board of the Hellenic Short Sea Ship-owners Association

E. Tsolka, HELMEPA

C. Giordamlis, Member of the Executive Committee of HEMEXPO

09:20 - 09:40

Keynote Speech 1

T. Dritsas, Ministry of Shipping and Island Policy
Moderator: K. Spyrou, N.T.U.A., Chairman of H.I.M.T.

09:40 - 10:00

Keynote Speech 2

G. Gratsos, Hellenic Chamber of Shipping
Moderator: K. Spyrou, N.T.U.A., Chairman of H.I.M.T.

10:00 - 11:00

Session 1 - Moderator: E. Samouelidis, N.T.U.A.

E. Bakoyanni C. Shoinas B. Stamatopoulos	Challenges and prospects of new hybrid fuels for use in SECAs	Merchant Marine Academy/Macedonia VPS
S. Fradelos	Fuel consumption measurements and Data management	ABS

11:30 - 12:00

Thematic Talk 1

Compliance with the EU Sulphur Directive - The contribution of the European Sustainable Shipping Forum (ESSF)

P. Yannoulis, Oceanking Technical & Trading S.A.

Moderator: S. Daniolos, Minerva Marine Inc.

12:00 - 13:30 Session 2 - Moderator: G. Kotrel, Euromarine LTD, Member of H.I.M.T. Council

A. Koutsoukosta	Passenger ships new buildings and conversions from the architect's perspective	AMK Architecture & Design
P. Karavatakis M. Martos, C. Koen N. Pespatzoglou G. Papadokotsolis A. Botou	How interventions in port facilities upgrade the quality of ships' reception	ARCH-MID
P. Mitrou A. Kouvertari Y.-E. Damianidou	Planning for supporting offshore hydrocarbons drilling operations: European Directive 2013/30/EU, the port case	Hellenic Lloyd's S.A.

13:30 - 14:00

Thematic Talk 2

Applied ship propulsion:

A novel approach in educating practicing naval architects and marine engineers

Th. Loukakis, N.T.U.A., **A. Dodulas**, Wartsila

Moderator: G. Grigoropoulos, N.T.U.A.

15:00 - 17:00

Round Table Discussion

PROSPECT FOR INNOVATIVE ACTIONS AND GROWTH IN MARITIME TECHNOLOGY

Moderator: **V. Papageorgiou**, TSAKOS Group Vice President

17:00 - 17:30

Thematic Talk 3

Planning the maintenance and repair of ships from an owner perspective

E. Zoupas, Drasis Shipping CO S.A.

Moderator: S. Anastasaki, Ship Surveyor, Treasurer of H.I.M.T.

17:30 - 18:00

Session 3 - Moderator: A. Sigouras, Vice-Chairman of H.I.M.T.

N. Gousopoulos	The contribution of internationalization of marine education for the tacking of the present crisis	New York College
Capt. M. Mackenzie	The preparation for training the next generation of merchant ships' officers	Cosmos Nautical Training Centre

WEDNESDAY 25/11: PROGRAMME

09:00 - 10:00

Session 4 - Moderator: N. Themelis,
Hellenic Register of Shipping S.A., Member of Audit Committee of H.I.M.T.

N. Ventikos D. Stavrou	Multi criteria analysis of geographical areas for ship to ship transfer	N.T.U.A.
I. Georgiou N. Kintzios	Experimental dynamics of prototype electromechanical systems - applications to marine engineering	N.T.U.A.

10:00 - 10:15

Confederation of European Maritime Technology Societies (CEMT)

Invited Address: Chairman of CEMT

Moderator: K. Spyrou, N.T.U.A., Chairman of H.I.M.T.

10:15 - 10:45

Thematic Talk 4

The legislative framework for the traditional vessels in Greece

G. Remoundos, University of the Aegean

Moderator: E. Basdani, Commodore HCG (rtd), Gen. Secretary of H.I.M.T.

11:15 - 11:45

Thematic Talk 5

Cyber-Security and Shipping

I. Kourouniotis, Directorate of Safety of Navigation, Headquarters of Coast Guard,
Ministry of Marine and Island Policy

Moderator: M. Mantzafos, Hellenic Lloyd's S.A., Chairman of Advisory Board of H.I.M.T.

11:45 - 13:15

Session 5 - Moderator: A. Papapetros,
Bogdanos Marine, Chairman of Audit Committee of H.I.M.T.

Ch. Sariyannidis	Union of maritime arbitration (presence and role in Greece)	CS & Associates S.A.
D. Papachristos N. Nikitakos V. Tsoukalas	Assessment of engine simulator by using TAM & IS Success model	University of the Aegean AEN Ασπρονύργου
N. Ventikos G. Lykos P. Sotiralis	Analysis of incidents and near misses for enhancing maritime safety by emphasizing on crew-centered design	N.T.U.A.

14:15 - 15:30

Session 6 - Moderator: G. Pratikakis, Naval Architecture Progress,
Member of H.I.M.T. Council

D. Dedepsidis	Liquefaction of Cargo in Bulk Carriers	DNV-GL
M. Kyratsoudi	Effective Fuel Management - Challenges heading towards 2020	Hellenic Lloyd's S.A.
S. Chatzinikolaou	Ship Energy Governance	RINA
N. Themelis	Safety issues of a converted diesel-LNG dual fueled ship	HRS

Thematic Talk 6

15:30 - 16:00 DESFA initiatives for the development of small scale LNG in Greece

K. Xifaras, CEO, DESFA

Moderator: J. Kokarakis, Bureau Veritas

16:00 - 16:30

Session 7 - Moderator: G. Vozikis,
Hellenic ShortSea Ship-owners Association, Member of H.I.M.T. Council

D. Poulos	New developments in AL BWT System, PB 3.1	ALFA LAVAL
M. Earley	PARKER-KITTIWAKE Condition Based Maintenance	TECHNAVA

16:30 - 17:10

Session 8 - Moderator: P. Yannoulis, Oceanking Technical & Trading S.A.

G. Theotokatos, G. A. Livanos S. Dimitrellou, E. Strantzali D. - N. Pagonis, K. Politis A. Theodoulides, D. Peirounakis, P. Mizithras	Design of LNG storage and feeding system for an open type ferry	Technological Educational Institute of Athens HRS
E. Kolyvas, L. Drikos E. Diamanti, A. El Saer I. Lazakis	Application of photogrammetry techniques for the visual assessment of vessels' cargo hold	Glafcos - Marine University of Strathclyde

17:10 - 17:20

Synopsis and closing of the conference
K. Spyrou, N.T.U.A., Chairman of H.I.M.T.

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HELLENIC INSTITUTE OF MARINE TECHNOLOGY

14, Skouze Str., GR 18 536 Piraeus, Tel.: +30 210 41 86 062, Fax: +30 210 41 86 062
e-mail: elint@otenet.gr, web site: www.elint.org.gr