7th INTERNATIONAL SYMPOSIUM "SHIP OPERATIONS, MANAGEMENT & ECONOMICS" VIRTUAL CONFERENCE AGENDA – "SOME 2021"



Tuesday 6 April 2021

Technical Content available Online to view on demand.

To view Technical Content and Presentations on demand, follow this link.

- 14:30 15:00 | Welcome Remarks
- 15:00 15:45 | Keynote Speech I
- 15:45 16:00 | Sponsors Message I
- 16:00 17:15 | Online Streaming of Session I: "Design & Fabrication"
- 17:15 18:00 | Online Q&A and Discussion for Session I
- 18:00 19:15 | Online Streaming of Session II: "Digitalization, Computers & Shipping"
- 19:15 20:00 | Online Q&A and Discussion for Session II

Join the online livestream seminar via this <u>link</u>.

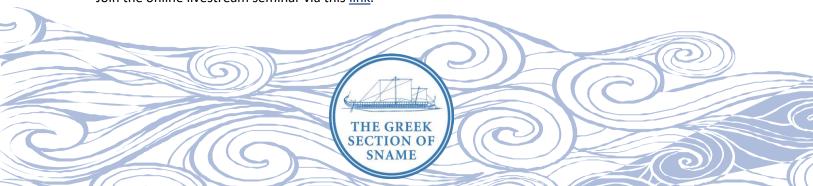
Wednesday 7 April 2021

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- 15:00 15:45 | Keynote Speech II
- 15:45 16:00 | Sponsors Message II
- 16:00 17:15 | Online Streaming of Session III: "Operations & Emissions"
- 17:15 18:00 | Online Q&A and Discussion for Session III
- 18:00 19:15 | Online Streaming of Session IV: "Legal, Financial & Regulatory Aspects"
- 19:15 20:00 | Online Q&A and Discussion for Session IV
- 20:00 20:30 | Closing Remarks

Join the online livestream seminar via this link.



7th INTERNATIONAL SYMPOSIUM "SHIP OPERATIONS, MANAGEMENT & ECONOMICS" TECHNICAL CONTENT AGENDA – "SOME 2021"



Day 1: Tuesday 6 April 2021

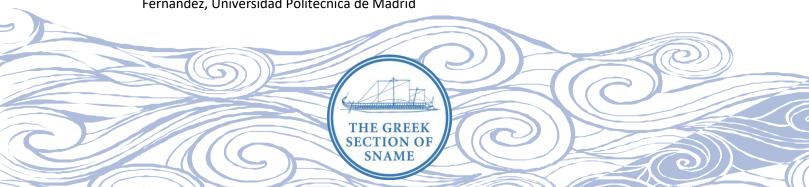
<u>Keynote Speech I:</u> "Replace or Renew - Evaluating Renewal Options for Middle-Aged Ships", by Dr. Arlie G. Sterling, Marsoft Inc.

Session I: Design & Fabrication

- 1. "Challenges in the Design of Propulsion Shafting" by J. E. Kokarakis, Bureau Veritas
- 2. "Practical Aspects of Propulsion Shaft Alignment" by K. Avgouleas, E. Sarris, and G. Gougoulidis, Hellenic Navy
- "Examination of Sensitization on 5xxx Series Aluminum Alloy Sheets from Structural Parts of Hellenic Navy High-Speed Craft" by M. K. Galoni, G. Gougoulidis, D. Pantelis, and S. Papaefthymiou, National Technical University of Athens & Salamis Naval Base Research Department
- 4. "Experimental Investigation of the Effect of Superhydrophobic Coating and Microbubbles Lubrication on the Resistance of a Scaled Ship" by P. H. Lee, D. E. Liarokapis, J. P. Trachanas, G. S. Triantafyllou, and G. D. Tzabiras, National Technical University of Athens

Session II: Digitalization, Computers & Shipping

- 1. "Autonomous and Optimized Ship Routing" by I. Emiris, ATHENA Research Center & National and Kapodistrian University of Athens
- 2. "Energy and Exergy Waste Heat Recovery Analysis of a Bulk Carrier Main Diesel Engine Equipped with Dual-Loop Organic Rankine Cycle" by Elias A. Yfantis^{1,2}, Efthimios G. Pariotis², Theodoros C. Zannis², Konstantina Asimakopoulou¹, ¹Department of Mechanical Engineering, University of Nicosia, Cyprus, ²Naval Architecture and Marine Engineering Section, Hellenic Naval Academy
- 3. "Data-driven Ship Propulsion Modeling with Artificial Neural Networks", by P. Karagiannidis and N. Themelis, National Technical University of Athens
- 4. "What the Shipbuilding Future Holds in Terms of CAD/CAM/CIM Systems" by R. Perez Fernandez, Universidad Politécnica de Madrid



7th INTERNATIONAL SYMPOSIUM "SHIP OPERATIONS, MANAGEMENT & ECONOMICS" TECHNICAL CONTENT AGENDA – "SOME 2021"



Day 2: Wednesday 7 April 2021

Keynote Speech II: "Greenhouse Gas Emissions from Shipping: Status and Perspectives towards Decarbonisation", by Dr. German Weisser, Winterthur Gas & Diesel

Session III: Operations & Emissions

- 1. "Risk Management of Tank Overflow on Tankers Carrying Multiple Grades of Crude Oil" by N. Adamopoulos, Maran Tankers Management
- 2. "Effect of Low-Sulfur Fuel on Auxiliary Engine Combustion and Performance", by Th. Chountalas and M. Founti, National Technical University of Athens
- 3. "Maritime Transport in a Life Cycle Perspective" by A. Bonou, D. Giannopoulos, and M. Founti, National Technical University of Athens
- "Scrapping Probabilities and Committed CO₂ Emissions of the International Ship Fleet", M. Held,
 B. Stolz, J. Hoffmann, G. Georges, M. Bolla, and K. Boulouchos, ETH Zurich & United Nations
 Conference on Trade and Development

Session IV: Legal, Financial & Regulatory Aspects

- "Evaluating the Operations of an LNG Shipping Company with Business Process Modelling" by G.
 O. Andreadis, C. Papaleonidas, and D. V. Lyridis, National Technical University of Athens
- 2. "The Importance of Measuring the Performance of IMO Member States" by S. Peppa, University of West Attica
- 3. "Financial and Energy Markets: Effects on Shipping Industry" by C. Bentsos, International Hellenic University
- 4. "Legal and Technical Aspects of Responsible and Circular Marine Production" by Y. Pavlopoulou¹ and E. Kostidi², ¹National Technical University of Athens, ²University of the Aegean

