

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 [link](#).

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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

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7th INTERNATIONAL SYMPOSIUM
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TECHNICAL CONTENT AGENDA – “SOME 2021”



Day 1: Tuesday 6 April 2021

Keynote Speech I: “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
 3. “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
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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



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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
 4. “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
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Session IV: Legal, Financial & Regulatory Aspects

1. “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. Peppas, 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

