

2023 ANNUAL GENERAL MEETING

Thursday, 27th April 2023

INSTITUTION AWARDS

Jeom Paik Prize

The Jeom Paik Prize for the best paper on the subject of structures, published by an author under the age of 35 in the 2022 Transactions is awarded to Dr. Shen Li for his paper *“Uncertainty of Ship Hull Girder Ultimate Strength in Global Bending Predicted by Smith-Type Collapse Analysis”*.

W H C Nicholas Prize

The W H C Nicholas Prize for the best paper on a design-related topic published by an author under the age of 35 in the 2022 Transactions is awarded to Mathieu Courdier for his paper *“Numerical Validation of the Hydrodynamic Drag of a Surfaced and Fully Appended Underwater Vehicle”*.

Wakeham Prize

The Wakeham Prize for the best general paper published in the 2022 Transactions by an author under the age of 35 was awarded to Xavier Ling for his paper *“Free Surface Effect on the Hydrodynamics of an Underwater Vehicle Hullform, the Darpa Suboff”*.

Austin Farrar Prize

The Austin Farrar Prize For The Best Paper Published In The 2022 Transactions By An Author Under The Age Of 35 On The Subject Of Small Craft Is Awarded To Utku Cem Karabulut for his paper *“Determination Of Nox Emission Factor For Diesel Engines Of Recreational Boats By On-Board Measurement”*.

Calder Prize

The Calder Prize for the best paper published in the 2022 Transactions by an author(s) under the age of 35 on the subject of small or high-speed craft is awarded to Mark Warren for his paper *“Fatigue Estimation on a High-Speed Wave Piercing Catamaran During Normal Operations”*.

Ian Telfer Prize

The Ian Telfer Prize for the best-published paper on energy or the environment-related issues by an author under the age of 35 is awarded to Ahmed G Elkafas for his paper *“Assessment of alternative marine fuels from environmental, technical, and economic perspectives onboard ultra large container ship”*.

David Goodrich Award

The David Goodrich Prize for the best paper presented at the 2022 Warships Conference is awarded to Jacqueline Christmas for her paper *“Resolving the Impact of Ship’s Design on Deck and Well-deck Launch and Recovery Operations by applying of Quiescent Period Prediction (QPP)”*

Pyrgotelis Zoitos Prize

The Pyrgotelis Zoitos Prize - sponsored by the Cyprus Marine and Maritime Institute - is presented to Lien Tran and Bogdan Molchanov for their paper “Improving Ship Sustainability By Re-Using Engineering Simulators In Multi-Objective Optimization”.

Peter Contraros Award

The Peter Contraros Award for the best nominated paper on the Strength, Safety or Reliability of Marine Structures is awarded to Dr. Shen Li for his paper “Progressive collapse analysis of ship hull girders subjected to extreme cyclic bending”

Annual Dinner Awards

William Froude Medal

The William Froude Medal is awarded to an individual of any nationality who, in the opinion of the Council has made a conspicuous contribution to naval architecture and/or shipbuilding and whose achievements merit special consideration. The William Froude Medal is the Institution’s highest award for professional achievement.

Council has approved the award of the William Froude Medal to Professor Chengi Kuo, in esteemed recognition of his significant contribution to the advancement of knowledge in the field of Naval Architecture, Shipbuilding Technology and Ocean engineering.

RINA – QinetiQ Maritime Innovation Award

The Maritime Innovation Award, sponsored by the Institution and QinetiQ, recognises outstanding scientific or technological research in the areas of hydrodynamics, propulsion, structures and material which has the potential to make significant improvements in the design, construction and operation of marine vessels and structures.

This year the Maritime Innovation Award is presented to STADT AS in recognition of the latest ship electric propulsion technology: “Lean propulsion”- unique, patented, with a series of unique qualities that never has been achieved in previous propulsion solutions.

The most unique feature is complete silence stealth operation now implemented in series of Naval ships as well as Commercial ships.

RINA – LR Maritime Safety Award

The Maritime Safety Award, sponsored by the Institution and Lloyd's Register, is presented to an individual, company or organisation which has made a significant technological contribution to improving maritime safety or the protection of the maritime environment.

This year the Maritime Safety Award is presented to University College London (UCL) Marine Research Group, Institut Teknologi Sepuluh Nopember (ITS), the University of Pattimura (UOP) and Orela

Shipyard for the development of the KORA KORA mobile phone application that enables fishers to assess their vessel's stability in port and while underway.

RINA – BP Eily Keary Award

The Royal Institution of Naval Architects is committed to ensuring that all individuals, regardless of gender, faith or ethnicity, have equal opportunity to participate fully in all the Institution's activities. The Institution also seeks to encourage such equality of opportunity and involvement throughout the global maritime industry.

The annual Eily Keary Award is sponsored by BP and recognises the contribution by an individual, organisation or part of an organisation to increasing equality, diversity and inclusion in their sector of the maritime industry.

This year the Eily Keary Award is presented to Susan Kingswood, Inclusion and Diversity Manager at the Royal National Lifeboat Institution, in recognition of ED&I activities and for working across the business to create a full-scale transformation from a command-and-control culture to one of inclusive leadership, minority representation and a fully inclusive environment which is welcoming to all.