

Royal Institution of Naval Architects North West Branch

A Local Branch of the RINA

Chairman: Duncan Swinson

Hon Secretary: Jonathan Happs

Hon Treasurer: Matt Slater



Date: Thursday 20th January 2022

Time: 6:30pm (Refreshments from 5:45pm)

Venue: ~~Liverpool John Moores University, Student Life Building, Copperas Hill, L3 5AJ, Room No. 208~~
and Via Zoom

Zoom Details: Meeting ID: 839 6029 6152

Passcode: 293984

Organiser: RINA North West Branch

Contact Information: RINA.NWBranch@gmail.com

Virtual rebirth of the Tyne built Victorian *SY Turbinia* and the Edwardian *RMS Mauritania*

Presented by Keith Hutchinson,
Senior Consultant – Whole Ship Design and Naval Architecture, Safinah Group



This presentation will discuss the design and development of the first-ever turbine steamer the 1894 *SY Turbinia* and her direct descendant Cunard's 1907 steam turbine propelled Blue Riband transatlantic liner *RMS Mauretania*.

Over a century after their construction at Wallsend on the north bank of the River Tyne, their modelling on the Ship Simulator at South Shields Marine School, also on the River Tyne, will be discussed and illustrated.

Keith Hutchinson is a Senior Consultant with Safinah Group, where he undertakes commercial and offshore marine consultancy for clients globally. Over a 35-year career as a ship designer and naval architect, Keith has constantly been at the forefront of the technical development of robust but flexible solutions for a multitude of bespoke merchant ship and complex offshore vessel design problems including Offshore Oil and Gas Production Vessels, Mining Ships; Gas Carriers; Shuttle and Bunker Tankers; Cargo Ships; Ferries and Passenger Ships; etc. Keith has published over 60 technical papers etc. and given many public presentations and lectures. He is a member of numerous industrial technical committees developing standards etc., is a Chartered Engineer, Chartered Marine Engineer together with being a Fellow of RINA, IMarEST and SNAME.

The talk is free and open to all those interested

Continued Professional Development	Certificate of Attendance at Technical Meeting by Branch Committee Member Name Signed
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