

## SOCIAL EVENTS

ANNUAL PROGRAMME LAUNCH  
Thursday 23rd September 2021 at 18:00-19:30  
Trinity House, Newcastle  
Kindly sponsored by Wärtsilä UK Ltd. Marine Power

## COMMITTEE

E.F. KIRTON  
C.Eng F.I.Mar.E.S.T.

G.J. BRUCE  
C. Eng F.R.I.N.A.

J.A. ELTRINGHAM  
C.Eng F.I.Mar.E.S.T.

A. BHARDWAJ  
C.Eng M.I.Mar.E.S.T.

D. BYRNE  
C.Eng F.R.I.N.A, F.N.I.

A. J. MURPHY  
C.Eng M.I.Mar.E.S.T. M.R.I.N.A.

S. GOONERATNE  
C.Eng M.I.Mar.E.S.T.

S. BENSON  
C Eng M.R.I.N.A.

O.R.A. WHITE  
A.M.R.I.N.A.

J.W. RELTON  
C Eng F.I.Mar.E.S.T

## CO-OPTED MEMBERS

President of WetSoc, Newcastle University

Chair of the Newcastle University IMarEST & RINA Student Sections

Chair of the Newcastle University SNAME Student Section

Programme updates at:

<https://www.imarest.org/local-communities/uk/north-east-coast-joint>

[https://www.rina.org.uk/NECJB\\_Programme.html](https://www.rina.org.uk/NECJB_Programme.html)

NOMINATIONS FOR COMMITTEE SERVICE MUST BE  
RECEIVED 42 DAYS PRIOR TO THE BRANCH  
ANNUAL GENERAL MEETING

# THE NORTH EAST COAST JOINT BRANCH OF THE INSTITUTE OF MARINE ENGINEERING, SCIENCE AND TECHNOLOGY AND THE ROYAL INSTITUTION OF NAVAL ARCHITECTS IN ASSOCIATION WITH THE NAUTICAL INSTITUTE PROGRAMME 2021 - 2022



*Chairman*  
D. MACCOY  
C.Eng F.R.I.N.A.

*Honorary Secretary*  
G. HINDMARCH  
C.Eng F.I.Mar.E.S.T.  
gary1734@talktalk.net

*Honorary Treasurer*  
K.W. HUTCHINSON  
C.Eng F.R.I.N.A.  
F.I.Mar.E.S.T.

*Vice-Chairman*  
S. MURRAY  
C.Eng F.I.Mar.E.S.T.

LECTURES COMMENCE AT 18:15 HOURS  
WITH REFRESHMENTS AVAILABLE FROM 17:30 HOURS  
VISITORS ARE MOST WELCOME

## PROGRAMME 2021 - 2022

Please check the local branch website for any changes to the programme

- Thursday 23rd September 2021 18:00-19:30**  
**PROGRAMME LAUNCH EVENT at**  
Trinity House, Newcastle,  
combined IMarEST, RINA, Nautical Institute and NEMP meeting,  
sponsored by Wärtsilä UK Ltd. Marine Power [www.wartsila.com](http://www.wartsila.com)
- Thursday 7th October 2021 18:15-19:45**  
**COLLABORATION, INTEGRATION AND REUSE FOR A SHIP ARRANGEMENT DESIGN**  
by Dr Marcus Bole, PolyCAD,  
at Newcastle University
- Thursday 21st October 2021 18:15-19:45**  
**AIR LUBRICATION: DECARBONISING SHIPPING THROUGH RADICAL INNOVATION**  
by David Connolly, Silverstream Technologies,  
at Newcastle University \*\*
- Thursday 4th November 2021 18:15-19:45**  
**SUPERYACHTS – CURRENT AND FUTURE CHALLENGERS**  
by Alex Meredith Hardy, Lateral Engineering - **on-line**
- Thursday 18th November 2021 18:15-19:45**  
**THE PROJECT MANAGEMENT OF THE CONCEPT DESIGN OF MARINE ASSETS**  
by Ian Ridley, University of Sunderland,  
and Keith Hutchinson, Safinah Group,  
at Newcastle University
- Thursday 9th December 2021 18:15-19:45**  
**UK FISHING TECHNOLOGY IN A POST BREXIT WORLD**  
by Derek Cardno - **on-line**

## 2022

- Thursday 20th January 2022 18:15-19:45**  
**PTI + HYBRID POWER DESIGN**  
by Mårten Storbacka, WE Tech Solutions - **on-line**
- Thursday 3rd February 2022 18:15-19:45**  
**NAVAL ARCHITECTURE IN THE ERA OF DECARBONISATION**  
by Edwin Pang, Chair of the RINA IMO Committee,  
at Newcastle University \*\*  
AGM at 17:30
- Thursday 17th February 2022 18:15-19:45**  
**19th century battleship development entitled “FROM WOODEN WALLS TO STEEL CASTLES”**  
by George Bruce,  
at Trinity House, Newcastle
- Thursday 3rd March 2022 18:15-19:45**  
**AUTOMATED VESSELS AND THEIR IMPACT**  
at South Shields Marine School
- Thursday 17th March 2022 18:15-19:45**  
**SUBSEA ROV**  
**on-line**
- Thursday 31st March 2022 18:15-19:45**  
**COVID-19 IMPACTS ON SHIP DESIGN**  
by Linda Sørensen, Frontline Management - **on-line**
- Thursday 28th April 2022 18:15-19:45**  
**FRIGATE SHIPBUILDING**  
by Sean Donaldson, Babcock,  
at Newcastle University \*\*
- Thursday 5th May 2022 18:15-19:45**  
**90TH ANDREW LAING LECTURE, 50 YEARS OF WATCHING PAINT DRY**  
by Raouf Kattan, Safinah Group,  
at Newcastle University
- Thursday 19th May 2022 18:15-19:45**  
**AMMONIA FUELLING OF VESSELS**  
by Rene Laursen, ABS - **on-line**

\*\* Committee meeting scheduled