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Western Joint Branch

Technical Lecture **Cyber Security in Shipping**

Presented by Rory Hopcraft

Date: Monday, 16th of January 2023
Time: Refreshments and Pizza at 19:00, lecture starts at 19:25
Venue: BRLSI, 16-18 Queen Square, Bath BA1 2HN
Organiser: Western Joint Branch RINA/IMarEST **Contact:** secretary.wjb@branches.imarest.org

Background: Over the last few years, there has been a rapid rise in the number of reported cyber-attacks targeting the maritime sector. All four of the world's largest shipping companies have now been the target of sophisticated attacks impacting operations. Thus, with 95% of the UK's trade goods being carried by sea, it is critical that the sector gives serious consideration to its cyber security stance. Improving sectoral cyber security is only going to become more important as the sector increases its dependence on digital technology, as it moves towards a greater level of autonomy.

This talk will discuss the current state of affairs for cyber security within the sector, and how governance and technology are being used to manage the risks technology brings with it. Through the use of realistic scenarios developed within the CyberSHIP Lab, we will demonstrate the seriousness of the risks the sector faces and some of the catastrophic consequences that could occur. The talk will conclude by presenting some of the work the CyberSHIP Lab is involved in, and how this is improving the sector's cyber security stance.

Presenter: Rory Hopcraft is a Research Fellow at the University of Plymouth. He is currently working on the EU Horizon 2020 CyberMAR Project. Prior to this he researched his PhD within the Centre of Doctoral Training in Cyber Security based at Royal Holloway University, focusing on the regulatory aspects of maritime cyber security. His current focus is on the skills and training needed by the digital seafarer. He enjoys adopting an inter-disciplinary approach to his work, and exploring new topics and themes, these include (but not limited to) maritime security, piracy, environmental protection, sustainability and critical infrastructure protection.

Registration:
We will be running this as a Hybrid Event - [Click Here to Register](#)



CPD Certificates will be sent out on request.

Next event: Robotics for Challenging Environments

Date: 20th of February 2023

Time: Refreshments at 19:00, start at 19:25 **Venue:** Lecture Theatre 1N05, Building N, UWE, BS16 1QY



(Image Credit – University of Plymouth)



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