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Western Joint Branch

Technical Lecture **Robotics for Challenging Environments**

Presented by Dr Tom Rooney

Date: Monday, 20th of February 2023
Time: Refreshments and Sandwiches at 19:00, lecture starts at 19:25
Venue: Lecture Theatre 1N05, Building N, UWE, BS16 1QY
Organiser: Western Joint Branch RINA/IMarEST **Contact:** secretary.wjb@branches.imarest.org

Background: Dr Tom Rooney will be joining us to discuss challenging environment robotics, and share experiences of his current work for ecoSUB Ltd, BRL, UWE and his own company.

He will be bringing the R&D ecoSUB he works on to open up for a hands-on show and tell. Talk and discussions will include his new pilot CPD course for challenging environment robotics. We will also discuss challenging environments broadly and see some robotics sensors in action. The speaker will also discuss some of the more novel underwater sensors and autonomous robotics being researched currently, and this is aimed towards a general robotics and sensing discussion.



(Image Credit – Tom Rooney)

Presenter: Tom Rooney is the Senior Robotics R&D Engineer for ecoSUB Ltd, Senior Research Fellow in Challenging Environment Robotics at the Bristol Robotics Laboratory, and founder of his own company BMR Ltd. Previous projects include working on FP7 funded EU projects SUNNY, SUPPORT SHOAL, and IUK CTHULHE. Further experience includes various projects with DSTL.

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



CPD Certificates will be sent out on request.

Next event: Air Lubrication Technology for Ships

Date: 20th of March 2023

Time: Refreshments at 19:00, start at 19:25 **Venue:** BRLSI, 16-18 Queen Square, Bath BA1 2HN



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