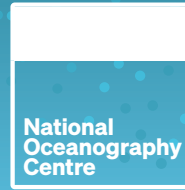


# MARINE MEASUREMENT FORUM

WEDNESDAY 19 JUNE 2024  
HOSTED BY



09:00  
ARRIVAL AND REGISTRATION

## UNDERSTANDING THE ENVIRONMENT

09:50  
WELCOME TO MMF 66

10:00  
**HOW DOES THE OCEAN AFFECT OUR WEATHER?**  
MARILENA OLTMANN, NATIONAL OCEANOGRAPHY CENTRE

10:15  
**MONITORING THE EFFECTIVENESS OF SEASCAPE RESTORATION  
ACROSS THE SOLENT**  
HAYLEY CRAIG, UNIVERSITY OF PORTSMOUTH

10:30  
**COMPARISON OF TWO DNA EXTRACTION METHODS**  
VERONICA RODRIGUEZ FERNANDEZ, UNIVERSITY OF DAVIS, CALIFORNIA / LA  
SAPIENZA UNIVERSITY OF ROME

10:45  
SESSION PANEL Q&A

11:00  
COFFEE BREAK

## OCEAN SENSING INNOVATIONS

11:30  
**ORIGIN ADCP: A MULTI-MISSION STORY**  
THOMAS CULVERHOUSE, SONARDYNE

11:45  
**INCREASING ESSENTIAL OCEAN VARIABLE MEASUREMENTS  
THROUGH SCIENTIFIC AND INDUSTRIAL COLLABORATION**  
SARA FOWELL, NATIONAL OCEANOGRAPHY CENTRE

12:00  
**AN INTRODUCTION TO X-BAND RADAR-BASED REMOTE SENSING**  
ALEX SINCLAIR, COASTSENSE

12:15  
SESSION PANEL Q&A

12:30  
LUNCH

## AUTONOMY AND ROBOTICS

13:30  
MMF UPDATE

13:35  
**EXAMINING A.IKANBILIS: ENHANCING UNDERWATER INSPECTIONS  
WITH SENSOR-DRIVEN ARTIFICIAL INTELLIGENCE**  
GRACE CHIA, BEE X AUTONOMOUS SYSTEMS

13:50  
**ENHANCING USV SHALLOW WATER HYDROGRAPHIC SURVEYS  
USING ROTV PLATFORMS**  
IAN DAVIES, EIVA A/S

14:05  
**DEVELOPMENTS IN MINI-MASS TO CONDUCT HYDROGRAPHIC AND  
GEOPHYSICAL SURVEYS FOR OFFSHORE ENERGY**  
JAMES WILLIAMS, UNMANNED SURVEY SOLUTIONS

14:20  
SESSION PANEL Q&A

14:30  
COFFEE BREAK

## ADVANCED OCEAN MONITORING

15:00  
**EVALUATING MEASUREMENTS FROM A NOVEL OCEAN SENSING  
PLATFORM**  
CIARAN DOWDS, OSHEN

15:15  
**TEOS10 COMPLIANT SALINITY AND DENSITY EQUATIONS FOR  
SOUND SPEED INSTRUMENTS**  
PETER KEEN, KEEN MARINE LTD & VECTIS ENVIRONMENTAL CONSULTING TEAM

15:30  
**THE MARLIN (MARITIME AUTONOMOUS REALTIME) SYSTEM**  
RYAN MOWAT, RS AQUA LIMITED

15:45  
SESSION PANEL Q&A

16:00  
DRINKS RECEPTION SPONSORED BY NOC INNOVATION CENTRE

WHERE IDEAS AND KNOWLEDGE ARE EXCHANGED