

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, BEEEX 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