

MARINE AUTONOMY & TECHNOLOGY SHOWCASE



Tuesday 13 November 2018

10.00	Registration and refreshments	
11.00	Mr Aidan Thorn NOC	
11.10	Prof Ed Hill OBE Executive Director NOC	Welcome
11.30	Major General Robert Magowan CB, CBE Royal Navy	Keynote Address
12.00	Current Technology - Maaten Furlong NOC	Invited Expert Speaker
12.15	To be announced	
12.30	To be announced	
12.45	Lunch	
1.50	Ecology by marine autonomy: recent experience in research and monitoring via seafloor mapping	University of Southampton and NOC
2.10	Minesweeping as part of a mixed mine countermeasures capability	ATLAS ELEKTRONIK EIVA a/s
2.30	Application of Deep Learning-based technologies to support the subsea inspection process of offshore facilities	
2.50	SeaSmart: A new approach for rapid, on-site resource assessment at potential tidal stream energy array sites using MAS	MarynSol Ltd
3.10	MAS Essentials	
3.30	Dynamic docking between autonomous underwater robots	Forssea Robotics
3.50	Using Smart Hydrophone Technology to Prevent AUV Collision or Entanglement	Ocean Sonics
4.10	Refreshments	
4.40	Development and Field Trials of Two Autonomous Telemetry Systems for Transferring Data from the RAPID 26°N Array	NOC
5.00	Developing AutoNaut USV for operations in Arctic/Antarctic environments	University of East Anglia
5.20	Delivering 4cm Data Resolution and 200m swath capability on a Two-Man-Portable Unmanned Underwater Vehicle	General Dynamics
5.40	Applied computer vision in real-time subsea survey	ROVCO
6.00	Summary Maaten Furlong & Aidan Thorn	Invited Expert Speaker
6.10	Icebreaker Reception MACHallenge 2019 Competition Launch Poster session	Dan Hook

