

# Line-up of Speakers Announced for Oceanology International North America



Organiser Reed Exhibitions has announced additional information highlighting key speakers presenting at [Oceanology International North America 2017 \(OINA\)](#). Taking place at the San Diego Convention Center in California from 14-16 February 2017, the OINA Conference will bring on stage keynote-focused panel discussions, technical tracks and a full day dedicated to the Catch the Next Wave conference. All aspects of the conference will provide a clear understanding of the present and future requirements and opportunities of the Blue Economy.

Speakers from a range of industries will be presenting at all three programmes at the San Diego conference. This will feature a variety of presenters from US organisations including the National Ocean Service, Coast Guard and the Scripps Institute of Oceanography.

## Unmanned Underwater Vehicles

Russell Callender, assistant administrator at NOAA's National Ocean Service Maritime the nation's most comprehensive ocean and coastal agency. Dr Callender has over 20 years of science, policy, and management experience including senior positions in Sea Grant and two line offices in NOAA. Callender will discuss the emerging marine science/technology needs of the climate and environment. Dr Callender will consider present and future threats to coastal communities and the ocean environment; exploring the role of ocean science and technology in their understanding, adaptation to their effects and mitigation of their impacts.

Jules Jaffe, research oceanographer, Scripps Institute of Oceanography will present as part of the Unmanned Underwater Vehicles technical discussion, with a particular focus on The M-AUE Miniature Autonomous Vehicle for Monitoring Ocean Currents via 'Swarm' deployment. Jaffe has worked on many projects including the world's first 3D underwater video microscope and creating autonomous underwater explorer devices enabling scientists to explore the circulation that happens in rivers and along coastlines and to monitor the development of oil spills. Jaffe will explain the development of Unmanned Undersea Vehicles (UUVs) and how miniaturisation has resulted in the availability of lower cost vehicles.

Ryan Thomas, technical director of OARS-HPSG will be presenting on the subject of Big Data, Visualisation & Modelling with a focus on Scalable Processing and Visualization Tools for Large Datasets.

## Honour for Ocean Science Contribution

Finally, oceanographer Walter Munk, of Scripps Institution of Oceanography, will be honoured for his outstanding contribution to ocean science and technology at the Catch the Next Wave event. Munk will present on 'Acoustic Monitoring of Climate Change' within the Sensing with Sound session. This will provide a fitting conclusion to the extensive OINA conference schedule.

## Industry Tradeshow

In line with the established Oceanology International conference and exhibition in London, the OINA conference is supported by an extensive industry exhibition. Major players from the US and Europe including iXblue, Teledyne, Hydroid, Xylem, Fugro and Kongsberg, have all confirmed booths in anticipation of OINA becoming the must-attend biennial US event covering all aspects of global ocean science and marine technology.

OINA 2017 is organised by Reed Exhibitions in association with The Maritime Alliance (TMA) and supported by a range of industry partners.