



EU FUNDED MARINE ROBOTICS AND APPLICATIONS

IST, Lisbon, Portugal 18-19 June

WORK PROGRAM

DAY 1 - JUNE 18, 2015

8:30 Registration opens

8:45 Opening Session

9:00 **ROBOACADEMY (EU project)**

9:30 **T1.1 - Mapping the seafloor in rough terrain with AUVs:
mission planning versus real-time responses**

Dana Yoerger, WHOI, USA

10:30 Coffee break

11:00 **NOPTILUS (EU project)**

11:30 **T1.2 - Challenges of seabed mining in a sustainable world:
let's do it right!**

Jorge Relvas, Fac. Sciences of the University of Lisbon (FCUL), PT

12:00 **EURATHLON (EU project)**

12:30 Open discussion

13:00 Lunch

14:00 **T2.1 - UAVs for Marine Applications**

Francisco Almeida, TEKEVER, Lisbon, PT



14:30 **PANDORA (EU project)**

15:00 **T2.2 - *The future of autonomous marine vehicles in Ultra High Resolution Seismic reflection surveys (UHRS)***

Henrique Duarte, GEOSURVEYS, Aveiro, PT

15:30 **WiMUST (EU project)**

16:00 Coffee break

16:30 **T2.3 - *Easily deployable autonomous hydro-acoustic assets for highly mobile and flexible arrangements (underwater sensor networks, testbeds, and integrated USV and AUV robotic components)***

Konstantin Kebkal, EVOLOGICS, Berlin, DE

17:00 **T2.4 - *Marine Megafauna Telemetry Systems***

Pedro Afonso, IMAR/DOP, Horta, Faial, Azores, PT

17:30 **T2.5 - *SPARC: Report from the EURobotics Board, Future Possibilities in H2020 Robotics PPP***

David Lane, Edinburgh Centre for Robotics and Ocean Systems Laboratory, Heriot-Watt University (EURobotics Board Member 2013-15)



DAY 2 - JUNE 19, 2015

8:30 Registration opens

9:00 **MORPH (EU project)**

9:30 **T3.1 - Marine Technology: Challenges and Opportunities in relation to Marine Renewable Energy**

António Sarmiento, WAVEC, Lisbon, Portugal

10:00 **CADDY (EU project)**

10:30 Coffee break

11:00 **T3.2 - Developments in robust acoustic positioning and communications**

Robin Sharphouse, Blueprint, Ulverston, UK

11:30 **T3.3 - The Light Autonomous Underwater Vehicle - Past, Present & Future**

Ricardo Martins, Oceanscan, Porto, PT

12:00 **DexROV (EU project)**

12:30 **T3.4 - Intervention AUVs: Experiences and Challenges**

Pere Ridaó, Univ. Girona, Girona, ES

13:00 Lunch

14:00 **Marine UAS (EU project)**

14:30 **ARROWS (EU project)**

15:00 **T4.1 - AUV Technology: from concept to commercialization**

Alessio Turetta, GraalTech, Genova, IT



15:30 **T4.2 - *Measuring small island-induced processes: Tech-savvy approaches***

Rui Caldeira, CIIMAR, Porto, PT

16:00 Coffee break

16:30 **SubCULTron (EU project)**

17:00 **T4.3 - *An introduction to real-time data processing in autonomous survey operations***

Niels Nijhuis, CARIS EMEA, NL

17:30 Open discussion

18:00 Workshop ends