



A2B session KIMERRA @ Forum do Mar

LOCATION: Exhibition Audience

MAY 28th | PROGRAMME

15:55 Welcome and opening remarks

Sónia Pereira, KIMERRA project and Augusto Barata da Rocha (tbc), OCEANUS - University of Porto Ocean Research Alliance

BIOTECHNOLOGY

16:00 Marine biofilms: problems and solutions

Patricia Ramalho, LEPABE - Laboratory for Process Engineering, Environment, Biotechnology and Energy, Faculty of Engineering

16:05 Bioremediation of contaminants in estuarine and coastal zones

Ana Paula Mucha, CIIMAR – Interdisciplinary Centre of Marine and Environmental Research

16:10 MARINNOVA - Innovative services and products in the field of marine and environmental sciences

Miguel Santos, MARINNOVA / CIIMAR – Interdisciplinary Centre of Marine and Environmental Research

16:15 New Biological Wastewater Treatment Based on Microalgae

Nuno Gomes, Bluemater

16:20 NETWORKING

AUTONOMOUS VEHICLES

16:30 AUVs - > LSTS : Challenges from Below

António Sérgio Ferreira, LSTS - Underwater Systems and Technology Laboratory, Faculty of Engineering

16:35 UAVs - > LSTS : Networking the Sky

António Sérgio Ferreira, LSTS - Underwater Systems and Technology Laboratory, Faculty of Engineering



Funding:



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investing in our common future



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16:40 Abyssal OS - Operating System for Remotely Operated Vehicles (ROVs)

Rafael Simão, Abyssal

16:45 The use of UAV's – Unmanned Aerial Vehicles in maritime operations

Rui Eliseu, Critical Software

16:50 NETWORKING

HARBOUR AND COASTAL DEFENCE INFRASTRUCTURES & WAVE ENERGY

17:00 Introduction to the Group of Sea Energy Studies (NEMAR)

Francisco Taveira Pinto, Hydraulics Division, Civil Eng Department, Faculty of Engineering

17:02 Preliminary Study of a Low Reflection Vertical Breakwater

Crina-Stefania Ciocan, Hydraulics Division, Civil Eng Department, Faculty of Engineering

17:07 Geocontainer-Based Detached Coastal Defence Structure

José Pedro Cabral, Hydraulics Division, Civil Eng Department, Faculty of Engineering

17:12 A New Approach for Wave Energy Conversion

Paulo Rosa Santos, Hydraulics Division, Civil Eng Department, Faculty of Engineering

17:17 WiderMoS Project – Innovation in the logistics of big capacity networks

Luis Marinho Dias, APDL – Port of Leixões

17:22 Innovation in megaprojects

Alessandro Cortti, TECHNITAL

17:30 NETWORKING

