

03/Dec		04/Dec		05/Dec		
08:45	Registration	Registration		Registration		
09:00		Session 4 Underwater Acoustics	Implementation of the acoustic surveillance system - SUBECO. Ilmer Golde (Instituto Hidrográfico, Portugal)	Session 6 EO Coastal Resilience	Challenges in data-driven assessment of coastal change. Susana Barbosa (INESC TEC, Portugal)	
09:15			An underwater acoustic monitoring system with real-time telemetry. Cristiano Soares (Marsensing, Lda, Portugal)		Software Ecosystem for the Acquisition, Analysis, Processing and Publishing of Marine Observation Data. Artur Rocha (INESC TEC, Portugal)	
09:30			An update on the state of the technology for underwater acoustic measurements. Cristobal Molina (NORTEK AS, Norway)		Our Coastal Future - A pathway for a sustainable coastal zone from a theoretician's perspective. Robert Weiss (Virginia Tech, USA/Future Earth Coasts)	
09:45	A permanent underwater sound monitoring station in Belgian North Sea. The Westhinder measurement pile experience. Alain Norro (Royal Belgian Institute of Natural Sciences, Belgium)					
10:00	Opening session	Discussion		Round Table Discussion		
10:15	Film and talk by Hipolito Monteiro "Geological oceanography: The ocean floor closely observed"	Coffee + Exhibition				
10:30						
10:45	Coffee + Exhibition			Coffee + Exhibition		
11:00	Session 1 EO Sustainable Development	Session 5 Gliders and Other Autonomous Vehicles	Improving ocean-observations in the Macaronesia region with autonomous mobile platforms. Carlos Barrera (PLOCAN, Spain)	Session 7 HF Radars	Latest developments around SeaSonde HF radar technology for ocean observing. Jorge Sanchez / Andrés Alonso-Martirena (Qualitas Instruments, Spain)	
11:15			The ESA Earth Observation Atlantic Regional Initiative. Stefano Ferretti (ESA, Italy)		A robots view of our ocean planet: Promoting partnerships for research, education, and service to society. Josh Kohut (Rutgers University, USA)	WAVES BY SEASONDE - Preliminary conclusions on the analysis and improvements on wave outputs. Maria Fernandes (Qualitas Instruments, Portugal)
11:30			EO and Sustainable Development Goals in the Atlantic Region. Jorge del Rio (UNOOSA, Austria)		Slocum G3. Oswaldo Monzón (INNOVA, Spain)	High frequency coastal ocean radars: Promoting partnerships for research, education, and service to society. Josh Kohut (Rutgers University, USA)
11:45			Earth Observation: the new frontier in climate resilience. Carlos Doménech (GMV, Spain)		AUV Systems in Mine Warfare. 1TEN Violante da Luz (Mergulhadores da Armada, Portugal)	Tsunami Arrival Detection with High Frequency (HF) Radar Technology. Vânia Lima (Instituto Hidrográfico, Portugal)
12:00	R&D and Application Activities of Remote Sensing in SW-S Atlantic. Milton Kampel (INPE, Brazil)	Multirobot System for Marine Environments. José Barata (UNINOVA, Portugal)				
12:15	Discussion	Discussion		Discussion		
12:30		Lunch + Exhibition		Lunch + Exhibition		
13h45	Lunch + Exhibition					
14:00	Session 2 Observatories and Fixed Platforms	Session 5 Gliders and Other Autonomous Vehicles	Maritime Broadband Radio. Miguel Ángel Lieches Sempere (Kongsberg Maritime, Spain)	Session 8 EO Data, Tools and Services	From satellites to services: Data access, tools, and user support for the EUMETSAT Copernicus Marine Data Stream. Hayley Evers-King (EUMETSAT, Germany)	
14:15			Surface drifter for coastal environment: preliminary results - MELOA. Paulo Pinto (Instituto Hidrográfico, Portugal)		Exploring Fronts with Multiple Robots. Pedro Gonçalves (LSTS/OceanScan, Portugal)	Service4EO : supporting smart development of marine applications. Koushik Panda (Deimos, Portugal)
14:30			Present experiences from wave and current measurements from buoy. Inger Graves (Anderaa - Xylem Brand, Norway)		Cooperative Marine Robotics for Scientific and Commercial Applications. António Pascoal (LARSyS, Portugal)	GMV – Showcase of Tools and Services. António Araújo (GMV, Portugal)
14:45			OceanMet: a new perspective on wave monitoring networks. Miguel Duran Lopez (OceanMET, Spain)		Discussion	Earth Observation open data and platforms. Sara Aparício (ESA, Italy)
15:00	TURTLE – Hybrid Robotic Landers – Sea bottom permanence with autonomous repositioning capabilities. Hugo Ferreira (INESC TEC, Portugal)	Transport to Marina de Cascais		Round Table Discussion		
15:15	The next Seawatch generation - Inés Martín Grandes (Fugro - Norway)					
15:30	Discussion					
15h45	Coffee + Exhibition			Coffee + Exhibition		
16:00	Session 3 EO Fisheries and Aquaculture	Demonstration at Marina Cascais		Session 9 Marine Litter	Detecting marine litter on sandy beaches with low-cost UASs and machine learning methods. Gil Gonçalves (INESC Coimbra, Portugal)	
16:15		EO for Fisheries and Aquaculture - Facts and Gaps. Paulo Oliveira (IPMA, Portugal)			(Bio)plastics sea: How can the marine bacteria save the day? Rúben Silva (iBB IST, Portugal)	
16:30		Earth observation for sustainable fisheries and marine aquaculture: a Southern African example. Stewart Bernard (CSIR, South Africa)			Micro plastics: what are we missing? Paula Sobral (FCT UNL, Portugal)	
16:45		Building Services for Sustainable Fishery and Aquaculture. Nuno Grosso (Deimos, Portugal)			Presence of Micro plastics in Potential Portuguese Areas for Aquaculture – AQUIMAR Project Data. Luís Gonçalves Gomes / Vanessa Morgado (Instituto Hidrográfico, Portugal)	
17:00	Round Table Discussion	Transport to Centro de Congressos do Estoril		Discussion		
17:15				Closing session		
17:30						
18:30		GeraJazz Concert & Icebreaker				
20:30		Social Dinner				

