Program at a glance

Tuesday September 13

9:00 – 16:00	Workshop on Underwater Robotics Hosted by Gianluca Antonelli, Thor I. Fossen, and Asgeir J. Sørensen
Evening Event 19:00 – 20:00	Welcome Reception

Wednesday September 14

8:15 - 8:30	Wake up Coffee & Tea		
8:30 – 9:00	Opening Speech		
9:00 – 9:45	Plenary Talk 1 by John J. Leonard **Mapping, Localization, and Autonomous Vehicles**		
9:45 – 10:00	Coffee Break		
10:00 – 11:40	Session **WeAT1** Collision Avoidance and Path Planning and Path Following (1)	Session **WeAT2** Underwater Localization Techniques	Session **WeAT3** Underwater Vehicles (1)
11:40 – 12:45	Lunch Break & Coffee		
12:45 – 13:30	Plenary Talk 2 by Maarja Kruusmaa **Bioinspired Underwater Robots:** **what Biology has to Offer for Control of Marine Systems?**		
13:30 – 15:10	Session **WeBT1** Collision Avoidance and Path Planning and Path Following (2)	Session **WeBT2** Dynamic Positioning & Position Mooring Systems for Ships & Platforms (1)	Session **WeBT3** Underwater Vehicles (2)
15:10 – 15:30	Coffee Break		
15:30 – 17:10	Session **WeCT1** Collision Avoidance and Path Planning and Path Following (3)	Session **WeCT2** Dynamic Positioning & Position Mooring Systems for Ships & Platforms (2)	Session **WeCT3** Underwater Vehicles (3)

Thursday September 15

8:15 - 8:30	Wake up Coffee & Tea		
8:30 – 9:15	Plenary Talk 3 by Zoran Vukić **State and Perspectives of Underwater Robotics**		
9:15 – 9:30	Coffee Break		
9:30 – 11:30	Session **ThAT1** Nonlinear and Fault Tolerant Control in Marine Vessels	Session **ThAT2** Cooperative Navigation and Control	Session **ThAT3** Energy and Marine Systems
11:30 – 12:30	Lunch Break & Coffee		
12:30 – 13:15	Plenary Talk 4 by Nils Albert Jenssen **The Cybernetics of Dynamic Positioning in a Historic Perspective**		
13:15 – 14:55	Session **ThBT1** Industry session		
14:55 – 15:15	Coffee Break		
15:15 – 17:15	Session **ThCT1** European Projects on Marine Robotics		
Evening Event 19:30 – 22:00	Conference Banquet		

Friday September 16

8:15 - 8:30	Wake up Coffee & Tea		
8:30 – 9:15	Plenary Talk 5 by Jing Sun **Integrated Power Systems for Electrified Ships: Control and Optimization**		
9:15 – 9:30	Coffee Break		
9:30 – 11:30	Session **FrAT1** Modeling, Identification, Simulation, and Control of Marine Systems (1)	Session **FrAT2** Invited session on Application of Marine Robotics in Marine Science	
11:30 – 12:30	Lunch Break & Coffee		
12:30 – 14:30	Session **FrBT1** Modeling, Identification, Simulation, and Control of Marine Systems (2)	Session **FrBT2** Ship Roll Stabilization Techniques	Session **FrBT3** Guidance, Navigation and Control (GNC) of Marine Vessels
14:30 – 14:45	Coffee Break		
14:45 – 15:30	Discussion & Suggestions		
15:30 – 16:30	Farewell Reception		