

Programme IRSC 2017

	Session	Presenters	Name of Paper
09:00	Keynote	Stian Michael Kristoffersen , Product Manager USV Solutions, Marine Robotics, Kongsberg Maritime AS.	USV's – From tech to business
09:45	Coffee Break		
10:00	Sails and Software Platforms for Autonomous Sailing	Paul Miller, Carolyn Judge, Dylan Sewell and Sean Williamson , United States Naval Academy, Annapolis, MD.	Alternative Wing Sail Concept for Small Autonomous Sailing Craft
10:30		Paul Miller, Camille Tiemann, Peter Hodapp, Jessica Robinson and Ryan Pinch , United States Naval Academy, Annapolis, MD.	Correlation of Velocity Prediction Program for Small Autonomous Sailboats
11:00		Bruno Alves, Bruno Veloso and Benedita Malheiro , ISEP-PP, School of Engineering, Polytechnics of Porto, Portugal (BA, BM), INESC TEC, Porto, Portugal (BV).	APASail -- An Agent-based Platform for Autonomous Sailing Research and Competition
11:30		F. J. Santana-Jorge, Antonio C. Domínguez-Brito and Jorge Cabrera-Gamez , Universidad de Las Palmas de Gran Canaria, Spain.	A component-based C++ communication middleware for an autonomous robotic sailboat
12:00	Lunch		
13:00	Anti-collision and navigation algorithms	Dermot Tynan , Kalopa Research Ltd, Ireland	An Attractor/Repellor Approach to Autonomous Sailboat Navigation
13:30		Kjell Ivar Øvergård, Marius Stian Tannum, Per Haavardtun and Jens Kristian Berg Syversen , Faculty of Technology, Natural Sciences and Maritime Sciences, University College of Southeast Norway.	Chase, no Straighter: COLREG compliant Anti-Collision Manoeuvres for Crossing Situations
14:00		Jordan Less'Ard-Springett, Anna Friebe and Mael Le Gallic , Aberystwyth University, Aberystwyth, Wales, UK (JL) and Åland University of Applied Sciences (AF, MLG)	Voter Based Control System For CollisionAvoidance and Sailboat Navigation
14:30	Coffee Break		
14:45	Closing Session	Marius Stian Tannum and Kjell Ivar Øvergård , Faculty of Technology, Natural Sciences and Maritime Sciences, University College of Southeast Norway.	