COURSE OF MARINE ROBOTICS: STATE OF THE ART AND ITS APPLICATIONS

Monday, 10 March			
Time	**Speaker**	**Affiliation**	**Title**
9.15-9.30	Contralmte. Montero	Servicio de Hidrografía Naval	Opening of Marine Robotics 2025 - Welcome
9.30-9.45	Massimo Caccia	INM-CNR	Introduction
9.45-11.00	Massimo Caccia	INM-CNR	Marine robotics technology overview and history
11.00-11.30	Break		
11.30-12.30	Massimo Caccia	INM-CNR	Navigation devices
12.30-13.00	Massimo Caccia	INM-CNR	Questions & discussion

Tuesday, 11 March			
Time	**Speaker**	**Affiliation**	**Title**
9.15-10.30	Massimo Caccia	INM-CNR	Polar marine robotics
10.30-11.00	Break		
11.00-11.45	Massimo Caccia	INM-CNR	FAIR Data
11.45-12.30	Massimo Caccia	INM-CNR	Good Experimental Methodologies in marine robotics
12.30-13.00	Massimo Caccia	INM-CNR	Questions & discussion

Wednesday, 12March			
Time	**Speaker**	**Affiliation**	**Title**
9.15-9.45	Massimo Caccia	INM-CNR	Modelling and identification of UMVs
9.45-10.30	Massimo Caccia	INM-CNR	Navigation
10.30-11.00	Break		
11.00-11.45	Massimo Caccia	INM-CNR	Guidance and Control
11.45-12.15	Christian Haag	MARISCOPE	Marine robotics applications for the defense
12.15-13.00	Juan Manuel Casal	MARISCOPE	Uses and applications of marine robotics in science, industry and technology

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MARINE ROBOTICS WORKSHOP: INTERNATIONAL COOPERATION AND KNOWLEDGE TRANSFER

Thursday, 13 March			
Time	**Speaker**	**Affiliation**	**Title**
8.30-9.00			People walk from the ESCM to the Armada Building
9.00-11.30	JM Casal/C. Haag	MARISCOPE	ROV DEMO- Swimming pool at Armada Building
11.30-12.00			People walk from the Armada Building to the ESCM
12.00-12.20	Massimo Caccia	INM-CNR	Tools and possibilities for cooperation with the Italian CNR and Istituto di Ingegneria Navale , Genova
12.20-12.40	Gerado Acosta	CIFICEN-UNICEN	The Ocean Engineering Society of the Institute of Electrical and Electronics Engineers - IEEE OES
12.40-13.00	M. Caccia , G. Acosta		Questions & discussion

Friday, 14 March			
Time	**Speaker**	**Affiliation**	**Title**
9.15.9.30	Graziella Bozzano	Servicio de Hidrografía Naval	Marine robotics applications in offshore academic exploration
9.30-9.50	Gerardo Acosta	CIFICEN-UNICEN	Intelligent underwater robotics
9.50-10.10	Juan Luis Rosendo	Facultad de Ingeniería, UNLP	Development and validation of modular electronics for control and navigation of an aquatic surface robot
10.30-11.00	Break		
10.40-10.55	Sofía Risso	Universidad de Córdoba	Exploring biodiversity and carbon storage in the Beagle Channel - Applications of ROV-based research
10.55-11.10	Brayan Saldarriaga /Federico Bernart	INAUT-Universidad de San Juan	INAUT ASV 2025: Development Progress and Future Plans
11.10-11.25	Gustavo Villarosa	IPATEC-CONICET	Applications of underwater robotics in the Patagonia lakes
11.25-11.40	Gonzalo Bravo	CENPAT-CONICET	Bringing the deep to the surface: ROVs in ocean literacy
11.40-1.55	Martina Miranday	Universidad de Córdoba	Marine robotic labs in secondary schools
12.00-13.00	Massimo Caccia (moderator)	INM-CNR	Plenary final discussion and closure event

Marine Robotics 2025 could be organized thanks to an allowance received from the Williams Foundation (https://fundacionwilliams.org.ar/). Fellowships have been granted by EEE Oceanic Engineering Society (OES, https://ieeeoes.org/).