



## 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, 12 March			
Time	Speaker	Affiliation	Title
9.15-9.45	Massimo Caccia	INM-CNR	Modelling and identification of UUVs
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
11.45-12.30	Juan Manuel Casal	MARISCOPE	Current uses and applications of marine robotics in science, industry, technology and defense
12.30-13.00	JM Casal/ M. Caccia	MARISCOPE/ INM-CNR	Questions & discussion

Marine Robotics 2025 could be organized thanks to an allowance received from the Williams Foundation (<https://fundacionwilliams.org.ar/>)



## 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	Juan Manuel Casal	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	Gerardo 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	INM-CNR/ CIFICEN-UNICEN	Questions & discussion

Friday, 14 March			
Time	Speaker	Affiliation	Title
9.15-9.35	Graziella Bozzano	Servicio de Hidrografía Naval	Marine robotics in the scientific offshore exploration
9.35-9.55	Gerardo Acosta	CIFICEN-UNICEN	Intelligent underwater robotics
9.55-10.15	Juan Luis Rosendo	Facultad de Ingeniería, UNLP	Development and validation of modular electronics for control and navigation of an aquatic surface robot
10.15-10.30	Brayan Saldarriaga /Federico Bernart	INAUT-Universidad de San Juan	INAUT ASV 2025: Development Progress and Future Plans
10.30-11.00	Break		
11.00-11.15	Sofía Risso	IDEA, CONICET-UNC	Exploring biodiversity and carbon storage in the Beagle Channel - Applications of ROV-based research
11.15-11.30	Gonzalo Bravo	IBIOMAR-CONICET	Bringing the deep to the surface: ROVs in ocean literacy
11.30-11.45	Martina Miranday	Universidad Nacional de Río Negro	The introduction of marine robotics in Argentine schools. A look from the Antarctic perspective
11.45-13.00	Massimo Caccia (moderator)	INM-CNR	Plenary final discussion and closure event

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