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MIR SYMPOSIUM 2022

BIO-INSPIRED & MARINE ROBOTICS

June 14 & 15, 2022 – SeaTech building, University of Toulon

Erasmus Mundus Joint Master's Degree



Xavier LEROUX

President of the University of Toulon

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Erasmus Mundus Marine & Maritime Intelligent Robotics (MIR) Master Programme Director

In partnership with Norges Teknisk-Naturvitenskapelige (NTNU) Norway, Universitat Jaume I (UJI) Spain, Universidade de Lisboa (IST-UL) Portugal and the support of the Erasmus+ Programme of the European Union

would be happy to welcome you at the Annual MIR Symposium 2022

E r a s m u s M u n d u s J o i n t M a s t e r ' s D e g r e e

« Bio-Inspired & Marine Robotics »

June 14 & 15, 2022

University of Toulon • SeaTech • building M • Avenue de l'Université - 83130 La Garde • Western SeaTech entrance (*roundabout Thouars*)

DATE	TIME	PLACE	PROGRAMME
2022-06-14	9:00-9:30	Amphitheater M	Welcoming of participants
	9:30-9:45	Amphitheater M	Introduction – Prof. Ricard MARXER, Director of Master Erasmus Mundus MIR
	9:45-10:30	Amphitheater M	Challenges in underwater robotics: why it's difficult to go close and shallow? Keynote speaker presentation 1 – Prof. Maarja KRUUSMAA , Vice-Rector of Research Tallinn University of Technology, Estonia & Prof. at NTNU, Centre of Excellence of Autonomous Marine Operations and Systems, Norway
	10:30-10:45	Garden side SeaTech	Coffee break
	10:45-11:30	Room M-001	1st poster session – MIR students
	11:30-12:00	Amphitheater M	UTLN President speech
	12:00-12:30	Amphitheater M	Relocalizing deep-sea autonomous underwater vehicles – Clémentin BOITTIAUX, PhD UTLN
	12:00-13:30	Garden side SeaTech	Lunch Cocktail
	13 :30-14 :30	Amphitheater M	Contributions of neuroscience to the detection and localization of objects in visual inputs – Prof. Emmanuel DAUCE and Prof. Laurent PERRINET, Aix Marseille University
	14:30-15:00	Room M-011	2 nd poster session – MIR students
	15:30-16:00	Amphitheater M	Increasing navigation of ROV by multibeam FLS – Nicolas LALANNE, Engineer R&D, ECA Group
	16:30-17:15	Bus Departure in front of SeaTech	Bus trip to Toulon Wharf
	17:30-18:30	Toulon Bay	Boat tour – Les Bateliers de La Rade
	18:30-19:00	Bus Departure from Toulon Wharf	Bus trip back to SeaTech
2022-06-15	9 :00-10 :00	Amphitheater M	In-Memory Computing Architectures for Robot Vision and Robotic AI Applications Keynote speaker presentation 2 – Prof. Jorge DIAS , Robotics Institute and research activities on robotics, Khalifa University, U.A.E. & Prof. at Artificial Perception for Intelligent Systems and Robotics, Institute of Systems and Robotics from University of Coimbra, Portugal
	10:00-10:30	Amphitheater M	Underwater robotics : the five senses of underwater perception – Jennifer GREER – Embedded Systems Engineer, IFREMER
	10:30-10:45	Amphitheater M	Coffee break
	10:45-11:45	Amphitheater M	Round table discussion – Alyeris, ECA Group, IFREMER, iXblue, Kietta, Seaowl Technology
	11:45-12:00	Amphitheater M	Symposium closing & conclusion – Prof. Ricard MARXER, Director of Master Erasmus Mundus MIR

Erasmus Mundus Joint Master's Degree

REPLY COUPON

Mrs/Mr.

Organisation

will attend will not attend will be represented by

The Bio-Inspired & Marine Robotics Symposium on June 14 & 15, 2022

Erasmus Mundus Joint Master's Degree
 will participate in the boat tour will not participate in the boat tour

Form to be returned before **June 2nd, 2022** to the University of Toulon
Email : mundus-mir@univ-tln.fr