



Ph.D COURSE *ROBOTICS AND INTELLIGENT MACHINES*
CURRICULUM *HOSTILE AND UNSTRUCTURED*
ENVIRONMENTS (CODE 10159)

XXXIX CICLO

Following the assessment of qualifications (Step 1), the below candidates,

HOSTILE AND UNSTRUCTURED ENVIRONMENTS (CODE 10159)							
#	Mat	Surname	Name	Mark	Theme 1	Theme 2	Theme 3
1	6607021	CARLESSO	SERENA	60	MULTIMODAL BIDIRECTIONAL INTERFACES FOR PATIENT-IN-THE-LOOP CONTROL OF ASSISTIVE ROBOTIC DEVICES	NEUROMORPHIC DISTRIBUTED INTELLIGENCE FOR SOFT ROBOTS – COMPUTATION WITH SPIKING NEURAL NETWORKS FOR HAPTIC PERCEPTION AND CLOSED LOOP CONTROL OF SOFT ROBOTS	
2	4327941	TARASI	LUCA	54	SITUATIONAL AWARENESS IN MARITIME ENVIRONMENTS		
3	6613806	FERRARI	FEDERICA MAELI	53	NEUROMORPHIC DISTRIBUTED INTELLIGENCE FOR SOFT ROBOTS – COMPUTATION WITH SPIKING NEURAL NETWORKS FOR HAPTIC PERCEPTION AND CLOSED LOOP CONTROL OF SOFT ROBOTS		
4	6616425	LIU	MINGHAO	53	SOFT ROBOTICS TECHNOLOGIES FOR MARINE ENVIRONMENT		
5	6616238	RAJAGOPALAN VASUMATHI	MOWBRAY	52	HUMAN-ROBOT AND ROBOT-ROBOT COLLABORATION WITH QUADRUPED MANIPULATORS ON ROUGH TERRAIN	VISION-BASED TERRAIN CLASSIFICATION FOR QUADRUPED ROBOTS	AUTONOMOUS LOCO-MANIPULATION PLANNING FOR LOGISTICS MOBILE ROBOTS
6	6591762	ALEEM UZ ZAMAN	MUHAMMAD	48	NEUROMORPHIC DISTRIBUTED INTELLIGENCE FOR SOFT ROBOTS – COMPUTATION WITH SPIKING NEURAL NETWORKS FOR HAPTIC PERCEPTION AND CLOSED LOOP	SOFT ROBOTICS FOR HUMAN COOPERATION AND REHABILITATION	MULTIMODAL BIDIRECTIONAL INTERFACES FOR PATIENT-IN-THE-LOOP CONTROL OF ASSISTIVE ROBOTIC DEVICES

					CONTROL OF SOFT ROBOTS		
7	6359805	CHANDRASEKARAN LAKSHMI	SANDHYA	47	SOFT ROBOTICS FOR HUMAN COOPERATION AND REHABILITATION	HUMAN-ROBOT AND ROBOT-ROBOT COLLABORATION WITH QUADRUPED MANIPULATORS ON ROUGH TERRAIN	MULTI-ARM CONTROL FOR UNDERWATER MANIPULATION
8	6607009	DESSY	GIOVANNI BATTISTA	47	HUMAN-ROBOT AND ROBOT-ROBOT COLLABORATION WITH QUADRUPED MANIPULATORS ON ROUGH TERRAIN		
9	6584294	GAO	PENGGANG	46	REAL-TIME SCENE RECONSTRUCTION AND MIXED REALITY INTERFACES FOR IMMERSIVE REMOTE TELEROBOTICS		
10	6379760	FISCHER ABATI	GABRIEL	45	VISION-BASED TERRAIN CLASSIFICATION FOR QUADRUPED ROBOTS	HUMAN-ROBOT AND ROBOT-ROBOT COLLABORATION WITH QUADRUPED MANIPULATORS ON ROUGH TERRAIN	REAL-TIME SCENE RECONSTRUCTION AND MIXED REALITY INTERFACES FOR IMMERSIVE REMOTE TELEROBOTICS
11	6618878	ZHANG	DAN	42	AUTONOMOUS LOCO-MANIPULATION PLANNING FOR LOGISTICS MOBILE ROBOTS	VISION-BASED TERRAIN CLASSIFICATION FOR QUADRUPED ROBOTS	SELF-SUPERVISED LEARNING AND REINFORCEMENT LEARNING USING LARGE MULTI-MODAL MODELS (LMM) FOR ACTIVE VISION TASKS
12	6611365	DE JULIO	GIULIANO	41	HUMAN-ROBOT AND ROBOT-ROBOT COLLABORATION WITH QUADRUPED MANIPULATORS ON ROUGH TERRAIN		
13	5197150	GALLIENA	TOMMASO	41	SELF-SUPERVISED LEARNING AND REINFORCEMENT LEARNING USING LARGE MULTI-MODAL MODELS (LMM) FOR ACTIVE VISION TASKS		
14	6627304	KHAN	ZEESHAN	41	SELF-SUPERVISED LEARNING AND REINFORCEMENT LEARNING USING LARGE MULTI-MODAL MODELS (LMM) FOR ACTIVE VISION TASKS	AUTONOMOUS LOCO-MANIPULATION PLANNING FOR LOGISTICS MOBILE ROBOTS	REAL-TIME SCENE RECONSTRUCTION AND MIXED REALITY INTERFACES FOR IMMERSIVE REMOTE TELEROBOTICS
15	6607328	QUADRELLI	DEBORA	41	MULTIMODAL BIDIRECTIONAL INTERFACES FOR PATIENT-IN-THE-LOOP CONTROL OF ASSISTIVE ROBOTIC DEVICES		
16	6341040	ZAWAR UL HASSAN	MUHAMMAD	41	ADVANCED MECHATRONICS FOR SOFT ROBOTIC LOWER LIMB EXOSKELETON DEVICE	SOFT ROBOTICS FOR HUMAN COOPERATION AND REHABILITATION	
17	6622541	QAZI	ZARYAB	40	ADVANCED MECHATRONICS FOR SOFT ROBOTIC LOWER LIMB EXOSKELETON	SOFT ROBOTICS FOR HUMAN COOPERATION AND REHABILITATION	SENSORIZED SOFT HYBRID GRIPPERS FOR AGRICULTURAL AND

					DEVICE		ENVIRONMENTAL APPLICATIONS
18	5168055	RAVIKUMAR	NIRMAL KUMAR	40	SOFT ROBOTICS TECHNOLOGIES FOR MARINE ENVIRONMENT	DEXTEROUS GRIPPERS INSPIRED FROM ASIAN AND AFRICAN ELEPHANT DISTAL TRUNK FOR DRY AND WET ENVIRONMENT	NEUROMORPHIC DISTRIBUTED INTELLIGENCE FOR SOFT ROBOTS – DESIGN OF NEUROMORPHIC CIRCUITS ON FLEXIBLE SUBSTRATES FOR SENSING AND COMPUTATION
19	6597966	RESHAIL	RESHAIL	40	MULTI-ARM CONTROL FOR UNDERWATER MANIPULATION	NEUROMORPHIC DISTRIBUTED INTELLIGENCE FOR SOFT ROBOTS – COMPUTATION WITH SPIKING NEURAL NETWORKS FOR HAPTIC PERCEPTION AND CLOSED LOOP CONTROL OF SOFT ROBOTS	MULTIMODAL BIDIRECTIONAL INTERFACES FOR PATIENT-IN-THE-LOOP CONTROL OF ASSISTIVE ROBOTIC DEVICES
20	6618438	SHU	ZHENGJIE	40	VISION-BASED TERRAIN CLASSIFICATION FOR QUADRUPED ROBOTS	HUMAN-ROBOT AND ROBOT-ROBOT COLLABORATION WITH QUADRUPED MANIPULATORS ON ROUGH TERRAIN	

are invited to the online interview (Step 2 - oral examination) on THURSDAY 25/01/2024 at 9.30 (Central European Time) through the Teams call:

https://teams.microsoft.com/l/meetup-join/19%3ameeting_MGFINGZmMDctNjMxYi00M2JhLWJmYzItYWw3Mjc4ZDBmOTY0%40thread.v2/0?context=%7b%22Tid%22%3a%22117b418d-fb21-416f-a85f-1e9ff725bf2c%22%2c%22Oid%22%3a%2249b1383e-a6b4-499d-9921-178a1b5a5564%22%7d

If you have problems connecting, please feel free to contact Prof. SCARADOZZI at

+39 3284622740

Candidates will be required to exhibit a valid identification document prior to starting the interview.