



Agenda

24th-28th January 2022

Acronym: LbC

HOSTING PARTNER: CEPROF, Portugal

Venue: Escola Profissional de Espinho, Rua 27, 4500-287 Espinho (online)

24th January 2022

Hour	Activities	Notes
WET – 09:00 CET – 10:00	Opening ceremony session - Introduction to the training and the platform and ground rules	CEPROF
WET – 09:30 CET – 10:30	Presentation of each school's project teams and schools (10 minutes each)	All partners
WET – 10:30 CET – 11:30	Ice breaking game	All partners (CEPROF will prepare)
WET – 10:45 CET – 11:45	Break	
WET – 11:00 CET – 12:00	Online presentation of Espinho	CEPROF
WET – 11:30 CET – 12:30	Lunch and end of day 1	Lunch and end of day 1



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25th January 2022

Hour	Activities	Notes
WET – 9:00 CET – 10:00	Welcome	CEPROF
WET – 9:10 CET – 10:10	Electronical and mechanical info Introduction and analysis of different types of robots: - Functionalities - Goals - Programming software Analysis to Transbot Robot	CEPROF/All partners
WET – 9:40 CET – 10:40	Module 1 – Assembly and control of the robot: <ul style="list-style-type: none">• Components of the robot to be assembled• Assembly of the robot• Engine assembly• Universal wheel assembly• Ultrasonic sensor assembly• Ultrasonic Interface	CEPROF/All partners
WET – 11:30 CET – 12:30	<i>Lunch break</i>	
WET – 14:00 CET – 15:00	Time to assembly the robots and clarify doubts	All partners – we will use the moodle chat to clarify doubts
WET – 15:00 CET – 16:00	Module 1 – Exercises resolution (moodle)	All partners
WET – 16:00 CET – 17:00	End of Day 2	



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26th January 2022

Hour	Activities	Notes
WET – 09:00 CET – 10:00	Welcome	CEPROF
WET – 09:10 CET – 10:10	Testing components/robots: <ul style="list-style-type: none">• Activities and Exercises with Robot• Controlling the Robot and optimization the process with different functionalities	CEPROF/All partners
WET – 10:10 CET – 11:10	<i>Break</i>	
WET – 10:30 CET – 11:30	Robotic football – a successful experience from the University of Aveiro	CEPROF
WET – 11:30 CET – 12:30	Lunch and end of day 3	



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27th January 2022

Hour	Activities	Notes
WET – 09:00 CET – 10:00	Welcome	CEPROF
WET – 09:10 CET – 10:10	Module 2 – Line-tracking robot: <ul style="list-style-type: none">• Components• Line Follower sensor• The process of colour tracking	CEPROF/All partners
WET – 09:40 CET – 10:40	Break	
WET – 10:00 CET – 11:00	Module 2 – Activities <ul style="list-style-type: none">• Line with smile• Line with signalization• Doubts clarification and moodle exercises	CEPROF/All partners
WET – 11:30 CET – 12:30	Lunch	
WET – 14:00 CET – 15:00	The present and future of Robotics: Institute for Systems and Computer Engineering, Technology and Science (INESC TEC)	CEPROF
WET – 14:30 CET – 15:30	Robotics applied to VET: presentation of three students' projects	
WET – 15:00 CET – 16:00	Preparation for the competition/Final adjustments	CEPROF / All partners
WET – 15:30 CET – 16:30	End of day 4	



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28th January 2022

Hour	Activities	Notes
WET – 09:00 CET – 10:00	Welcome	CEPROF
WET – 09:10 CET – 10:10	Preparation for the competition	All partners – free practice time
WET – 09:30 CET – 10:30	Competition	All partners
WET – 11:00 CET – 12:00	Break	
WET – 11:15 CET – 12:15	Jury evaluation and discussion	All partners
WET – 11:30 CET – 12:30	Winner’s announcement	CEPROF
WET – 11:45 CET – 12:45	Lunch	
WET – 14:00 CET – 15:00	Certificate’s ceremony, evaluation of the mobility	CEPROF/All partners
WET – 15:00 CET – 16:00	End of day 5	



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