

SERVICES

Field Robotics Lab

Laboratory for mechatronic applications and mobile robotics for outdoor activities

Free University of Bolzano-Bozen
Faculty of Engineering

Head of Laboratory:
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SERVICES		All prices quoted are exclusive of VAT
Tracked Robot (Rental)	ROVO tracked vehicle: - Main features: fully electric powertrain system on tracks developed for off-road use. - Technical specifications: Dim. 1200 x 1230 x 530 mm; Top Speed 20 km/h; Weight 290 kg; Ground Pressure 5.2 kg/dm ² ; Payload 300 kg Use of the tracked robot (ROVO) – platform under the super-vision of a First-lab researcher or research technician (*,**)	Starting from € 250 per day
Rental of other robotic platforms	Please refer to https://firstlab.projects.unibz.it/about-us/equipment/	Price on request
* Wenn die Konfiguration der Roboter für eine bestimmte Nutzung angepasst werden muss oder wenn spezielle Unterstützung durch uniBZ-Mitarbeiter erforderlich ist, muss ein Angebot angefordert werden. ** Angebot auf Anfrage ab 5 Tagen Nutzung		
Use of lab's open space for tests	Open space area of 250m ² , with electricity and wifi network available, where emulated scenarios can be created	Price on request (from € 50 per day)
Field robot customization and tests	Customization and tests for a field robot equipped with specific sensors and actuators for a predefined task (e.g. monitoring, harvesting, sampling, transport...)	Price on request
Development of Robot SW	Development and implementation of SW for programming the available robots for different tasks (e.g. ROS)	Price on request
Robot Technology evaluation	Evaluation of ground, underwater, surface and aerial vehicles solutions for specific tasks	Price on request
Feasibility study/analysis	Check-up advisory, research SoA and market Analysis, conceptualization, development, implementation, proof-of-concept realization, report.	Price on request
Advanced study/analysis	Cd-hoc consultancy. Based on the check-up advisory, a research-led, advanced advisory service can be defined. The price will be defined ad-hoc based on the activity to be conducted, the number of researchers involved, the expected contribution and time-frame conditions.	Price on request

LAB DESK

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