

Nume cadru didactic: Conf.dr.ing. Ionut Muntean

Nr.crt.	Titlu lucrare	Scurta descriere	Cerinte	Nivel (licenta/master)
1	Indoor positioning system	Development and calibration of an indoor positioning system for Bosch Future Mobility Challenge. Project developed in partnership with Bosch.	C++, signal processing, python	Licenta/Master -up to 2 positions
2	Cloud platform for indoor monitoring systems	Creation of a Microsoft Azure based cloud platform for a system of indoor monitoring system. Project developed in partnership with Bosch.	High level cloud programming languages, databases	Licenta/Master -up to 2 positions
3	New services for indoor office monitoring systems	Data analytics services based on environmental measurements for indoor monitoring. Project developed in partnership with Bosch.	Good understanding of data science and data engineering	Licenta/Master -up to 2 positions
4	5G based communication platform for automated test vehicles	Creation of an open source platform (potential ROS Based) for bi-directional communication over 5G with a test vehicle. Project developed in partnership with Bosch.	C++, Python, signal processing, cloud	Licenta/Master – up to 4 positions