

Proposals topics dissertations for academic year 2024/2025 P0532D330038 Geoinformatics

	Supervisor	Language	Topics
1	prof. Ing. Jiří Horák, Dr.	English	Multiagent Simulations of Urban Mobility
2	prof. Ing. Jiří Horák, Dr.	English	Image textures analysis for remote sensing
3	prof. Ing. Jiří Horák, Dr.	English	Sound Mapping in a City
4	prof. Ing. Igor Ivan, Ph.D.	English	Visual Analytics in GeoCriminology
5	prof. Ing. Igor Ivan, Ph.D.	English	Crime Prediction Possibilities using Spatial Data
6	prof. Ing. Igor Ivan, Ph.D.	English	GeoData Science on the example of data from the monitoring of photovoltaic power plants
7	prof. Ing. Jiří Horák, Dr.	English	Graph Deep Learning in spatial applications
8	prof. Ing. Igor Ivan, Ph.D.	English	The Social Dimension of New Energy Technologies from the Perspective of Spatial Data
9	doc. Ing. Michal Kačmařík, Ph.D.	English	Utilization of the Galileo High Accuracy Service for Positioning in Geosciences
10	doc. Ing. Michal Kačmařík, Ph.D.	English	Use of Unmanned Air Vehicles for Greenery Passports
11	doc. Ing. Michal Kačmařík, Ph.D.	English	Use of 3D data in GIS for visualization and landscape analysis