



12th June 2018

Call for Tenure Track Faculty Position in Mapping and Geoinformation Engineering

The Faculty of Civil and Environmental Engineering at the Technion, Israel Institute of Technology invites applicants for one or two tenure track faculty positions in the field of Mapping and Geoinformation Engineering (Division of Transportation and Geoinformation Engineering).

The Faculty of Civil and Environmental Engineering at the Technion is committed for excellence in teaching and research. The Mapping and Geoinformation Engineering unit, leading this academic field in Israel, covers several disciplines: Geodesy and Land Surveying, Photogrammetry and LiDAR, Remote Sensing, GIS, Geospatial Data Analysis, and Cadaster.

The following positions in the Mapping and Geoinformation Engineering unit are open for candidates who hold a PhD:

1. Geodesy, including mathematical geodesy, physical geodesy, satellite and inertial navigation systems (GNSS and INSS), and satellite and terrestrial geodesy.
2. Geo-computation, including spatial mathematics and statistics, spatial information modelling and visualization, algorithms, spatial epidemics modeling, spatial dynamic modeling, geospatial databases, BIG Data, spatial data mining and knowledge discovery, and Deep Learning.
3. Built Environment Information and Communication technologies, including: cyberville, digital city, information city, intelligent city, knowledge-based city, ubiquitous city.
4. Cadaster, including: 2D/3D/multi-dimensional Cadaster information accuracy assessment, storage and utilization,.

Priority will be given to young scholars and those holding PhD degrees in engineering, mathematical, Physical, Earth and geo-sciences.

Applicants should have a basic knowledge in Hebrew, and have demonstrated leadership and commitment to teaching and research in an academic environment. The applicant should have or be able to obtain a work permit in Israel.

Applicants should send a detailed curriculum vitae, a statement concerning research, teaching and professional interests, and a list of at least four potential referees to: Prof. Oded Rabinovitch, Dean, Faculty of Civil and Environmental Engineering, cvoded@technion.ac.il.

For further details, applicants are invited to contact: Prof. Maxim Shoshany, Mapping and Geoinformation Engineering, maximsh@technion.ac.il or +972-4-8292361.

The closing date for receipt of applications is July 30th, 2018