

TECHNION - Israel Institute of Technology
Faculty of Civil and Environmental Engineering
Division of Transportation and Geoinformation Engineering
Technion City, Haifa 3200003, Israel



July 2018

Call for Tenure Track Faculty Positions in Pavement Engineering

The Faculty of Civil and Environmental Engineering at the Technion - Israel Institute of Technology invites applications for tenure track positions in the Division of Transportation and Geo-Information Engineering in pavement engineering.

The Faculty of Civil and Environmental Engineering at the Technion is committed to excellence in teaching and interdisciplinary research aimed at providing the knowledge base, innovation and human capital needed to shape an efficient, safe, and sustainable transportation system to support economic growth and quality of life of the citizens.

The Faculty is looking for candidates with interest in pavement engineering and expertise in one or more of the following areas:

- Mechanical of engineering materials, including constitutive models for defining the behavior of materials. The material behavior is defined as elastic or elasto-plastic or visco-elastic.
- Experimental laboratory methods to calibrate the above models and characterize the above materials: constant strain rate loading, creep, relaxation, cyclic loading and fatigue.
- Fracture mechanics principles, including models for crack propagation to analyze crack damage in asphaltic mixtures.
- Numerical methods such as finite elements to analyze non-linear mechanical problems of structural engineering.

The position is open to all academic levels (senior lecturer, associate professor and full professor) with priority to young applicants. Applicants should hold a doctoral degree, have a basic knowledge of Hebrew, and have a demonstrated leadership and commitment to teaching and research in the academic environment. The applicant should have or be able to obtain a work permit in Israel.

The successful candidate will be expected to contribute to the development of the research and teaching program in the area of pavement engineering, including conducting research independently and in collaboration, achieving research grants, supervising graduate students, and teaching postgraduate and undergraduate courses in

TECHNION - Israel Institute of Technology
Faculty of Civil and Environmental Engineering
Division of Transportation and Geoinformation Engineering
Technion City, Haifa 3200003, Israel



her or his field of interest and to contribute to the teaching of other engineering courses at the undergraduate level.

Applicants should send (a) detailed curriculum vitae, (b) a statement concerning research, teaching and professional interests, and (c) a list of at least four referees to:

Professor Oded Rabinovitch, Dean, Faculty of Civil and Environmental Engineering, Technion, Technion City, Haifa, 3200, Israel, cvoded@technion.ac.il

For further details, applicants can contact: Prof. Shlomo Bekhor, Head of the Department of Transportation and Geo-Information Engineering, sbekhor@technion.ac.il

The evaluation of the candidates will start on August 2018.