



## **Faculty of Architecture and Town Planning**

### **Technion – Israel Institute of Technology**

## **Full Time Tenure-Track Positions in Architecture**

The Architecture Program (undergraduate and graduate levels) at the Faculty of Architecture and Town Planning at the Technion – Israel Institute of Technology – invites applications for Positions in Architecture and Urban Design. The positions are open to junior as well as senior academics. Salary and compensation will be compatible with Israeli university standards.

### **Qualifications**

Successful candidates will demonstrate an exemplary scholarship / professional practice and teaching record in their field compatible with their current rank. Preference will be given to applicants that hold at least one degree in Architecture and a Ph.D. degree in Architecture or related Fields. Successful candidates will be expected to teach undergraduate and graduate-level courses, supervise Master's theses and Ph.D. dissertations, conduct cutting-edge research, and participate in the Faculty and Technion activities. Rank will be determined in accordance with the

candidate's record. Teaching may be conducted in English.

We are especially, but not exclusively, interested in candidates specializing in:

1. Historic Preservation

Scholarship in the field of built heritage, including emerging concepts and techniques of conserving and managing historic sites and environments, as well as theoretical approaches to global and local strategies of preservation in their broader cultural, social and economic context.

2. History and theory

History and theory of all aspects of architecture and the built environment, encouraging historically grounded, historiographic, theoretical and critical research derived from a deep understanding of architectural culture and its relation to social, political and economic processes.

3. Urbanism and Urban Design

The research of cities and urban environments, including urban design practice and theory, developing new representational tools for understanding the urban environment and the processes and outcomes of design in contemporary urban areas, crossing disciplines between urban design, landscape urbanism, environmental design, urban mobility and cultural heritage and processes of urban policy, management and administration.

#### 4. Design Methods and Computation

The cross-disciplinary research of design processes, looking at design activity, methodology, principles and procedures and computational ideas related to the description and generation of architectural form and the application and advancement of computer technology.

#### 5. Sustainable architecture

The research and design of social, economic and environmental sustainability, the development of green architecture models and energy performance based on a profound understanding of resourceful architecture, landscape, and community response. Developing innovative sustainability models that respond to specific socio-economic and climatic sites and contexts.

#### 6. Building Technology and Fabrication

The development and application of innovative technologies for buildings including product development, materials science, building physics, structural mechanics, construction and production techniques and the fabrication of architectural components. Research on the application of advanced modeling tools including BIM visualization, simulation, automation and adaptability.

## About the Technion

The Technion is the leading university of science and engineering education in Israel. The **Undergraduate Study Program in Architecture** at the Faculty of Architecture and Town Planning has been offered at the Technion since 1924 when the Technion opened its gates. The **graduate program in Architecture** is the oldest graduate program in the Faculty, offering second (M.Sc.) and third (Ph.D.) research degrees, and a second professional degree (M.Arch) as from 2014.

The university is located on Mount Carmel in Haifa, a pleasant city in the Northern part of Israel with extensive high-tech industry and breathtaking views. The city offers excellent housing and quality of life as well as ample research opportunities.

For more information about graduate studies at the Technion, please see the web site at: <http://architecture.technion.ac.il/en/>

Applicants should submit a letter of intention, curriculum vitae, and the names of three references to Yafa Solomon, Secretary to the Dean, Yasha Grobman. Email: [YafaS1@ar.technion.ac.il](mailto:YafaS1@ar.technion.ac.il)

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