

**Technion-Israel Institute of Technology**

**Computer Science Department**

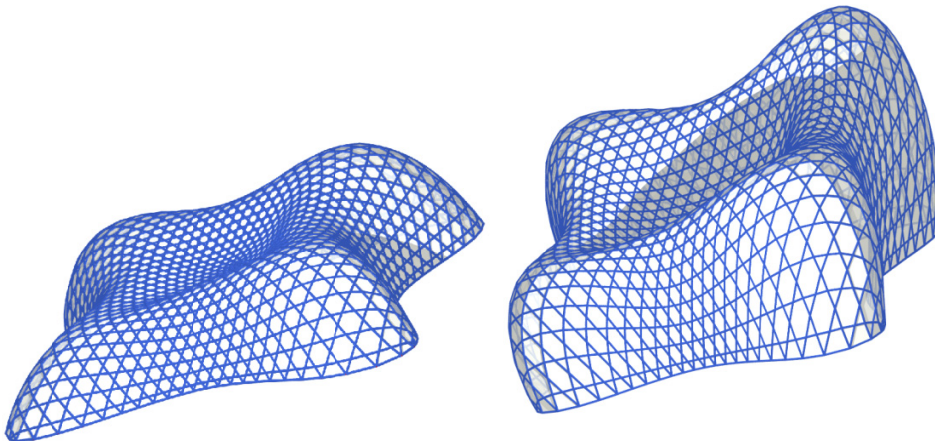
**Center for Graphics and Geometric Computing**

## **CGGC Seminar**

**Dr. Amir Vaxman**

Vienna University of Technology

### **Shape Spaces of Polyhedral Meshes**



Polyhedral meshes are meshes in which all faces are planar. These meshes are of paramount importance to architectural and industrial geometry, as such faces can be assumed with ease with plates of glass or wood. Furthermore, polyhedral meshes are considered as a discrete counterpart of continuous conjugate-parametrized surfaces. I will talk about methods to design such meshes by generalizing known methods from triangular-mesh processing, such as subdivision and deformation, and means to explore the shape spaces of such meshes with a given topology.

**The lecture will be held on Sunday, 26.5.2013, at 12:00, Taub 337**

**Snacks and Beverages at 11:45**

**הזמנה זו מהווה אישור כניסה עם רכב לטכניון**