



Technion-Israel Institute of Technology
Computer Science Department
Center for Graphics and Geometric Computing



CGGC Seminar

Prof. Justin Solomon

Electrical Engineering & Computer Science Department, MIT

Algorithms for Geometrically-Structured Optimization

Many problems in geometry processing, graph theory, and machine learning involve optimizations whose variables are defined over a geometric domain. The geometry of the domain gives rise to geometric structure in the optimization problem itself. In this talk, I will show how leveraging geometric structure in the optimization problem gives rise to efficient and stable algorithms applicable to a variety of application domains. In particular, I will describe new methods for problems arising in shape analysis/correspondence, flows on graphs, and surface parameterization.

Bio:

Justin Solomon is an assistant professor in MIT's Department of Electrical Engineering and Computer Science. He leads the new [Geometric Data Processing Group](#) studying geometric problems in computer graphics, computer vision and machine learning.

The lecture will be held on Sunday, 28.01.2018, at 13:30, Taub 337

הזמנה זו מהווה אישור כניסה עם רכב לטכניון