

**You are cordially invited to a Computational Genomics
Seminar**

Dr. Adi Maron-Katz

Department of Psychiatry and Behavioral Sciences, School of Medicine,
Stanford University

*"Two PTSD subgroups identified by resting-state
fMRI computational analysis"*

Wednesday February 26 at 11:15

Check Point building, **room 420**, School of Computer Science,
TAU

Host: **Prof. Ron Shamir** (rshamir@tau.ac.il), School of Computer Science

Abstract: A major challenge in understanding and treating posttraumatic stress disorder (PTSD) is its clinical heterogeneity, which is likely determined by various neurobiological perturbations. This heterogeneity likely also reduces the effectiveness of standard group comparison approaches.

I will present work where we tested whether a statistical approach aimed at identifying individual-level neuroimaging abnormalities that are more prevalent in case subjects than in control subjects could reveal new clinically meaningful insights into the heterogeneity of PTSD.