HARVARD UNIVERSITY
17 Oxford Street
Cambridge, MA 02138

Tuesday, September 4, 2018
4:00 p.m.

Mathematical Physics Seminar
Jefferson 356

"Mirror Symmetry for Toric Calabi-Yau 3-Folds"

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Abstract: Mirror symmetry, from the mathematical perspective, is a duality relation between symplectic geometry and algebraic geometry. The combinatorial nature of toric geometry makes the mirror symmetry relation very explicit in examples. I will explain various aspects of mirror symmetry, both enumerative and homological, for toric varieties and especially toric Calabi-Yau 3-folds.