

ALGEBRA  
SEMINAR

*Tropical complexes*

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**Abstract:** A tropical complex is a simplicial complex together with some additional numerical, which come from a semistable degeneration of a variety. Tropical complexes generalize to higher dimensions some of the analogies between curves and graphs which has been studied in tropical geometry. I will introduce tropical complex and talk about some of the connections to classical algebraic geometry.

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Mathematics and Science Center: W306

MATHEMATICS AND COMPUTER SCIENCE  
EMORY UNIVERSITY