# ALGEBRA SEMINAR

## *Labeled rooted trees and Stasheff associahedra*

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ABSTRACT: In this lecture, I will continue my discussion of graphs focusing now on the case of (finite) trees. In particular, I will explain how isomorphism classes of labeled rooted trees carry the structure of a pseudo-operads. Then I will discuss Stasheff associahedra, a famous example of a non-$\Sigma$ pseudo-operad.

MONDAY, OCTOBER 4, 2010
1:10 – 2:30 PM
ROOM 617, WACHMAN HALL
DEPARTMENT OF MATHEMATICS