

Mathematics Colloquium

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Max Planck

**Equivariant
Todd Classes
of Toric Varieties**

Abstract: Toric varieties are a family of interesting, useful but simple algebraic varieties. In this talk we will first give an elementary introduction to toric varieties and their equivariant Todd classes. Then we will present a localized formula for equivariant Todd classes. The application of equivariant Todd classes and the connection of the formula with renormalization will also be discussed.

Tuesday, April 18

4:00-5:00 pm

204 Smith Hall

Please note special day