

Mathematics Colloquium

**Huai-Dong Cao**

*Lehigh*

**Geometry of  
Ricci Solitons**

*Abstract: Ricci solitons are natural generalizations of Einstein metrics. They often arise as limits of blow-ups in the singularity formation in the Ricci flow. In this talk, we shall describe recent progress on Ricci solitons as well as the role they play in the singularity study of the Ricci flow.*

**Wednesday, October 22**

**4:00-5:00 pm  
204 Smith Hall**