

**WORKSHOP ON HOMOGENEOUS RICCI FLOW AND RICCI
SOLITONS
FEBRUARY 15-16, 2014**

All lectures will be held in Kemeny Hall, Room 105.

SATURDAY.

- 8:30–9:15 Breakfast, Kemeny Hall, Room 300
- 9:20–10:10. Jorge Lauret (University of Córdoba)
Symplectic curvature flow on solvmanifolds
- 10:30–11:20 Chenxu He (University of Oklahoma)
Linear stability of gradient shrinking Ricci solitons
- 11:40–12:30 Tracy Payne (Idaho State University)
The Classification of N -graded nilpotent Lie algebras
- 3:00–3:50 Cynthia Will (University of Córdoba)
Solitons for the symplectic curvature flow
- 3:50–4:20 Tea in Kemeny Hall, Room 300
- 4:20–5:10 Megan Kerr (Wellesley College) *Einstein solvmanifolds of negative Ricci curvature: new examples*
- 5:20–5:50 Karsten Gimre (Columbia University) *Renormalization group flow of three-dimensional homogeneous geometries*

SUNDAY.

- 8:30–9:20 Breakfast, Kemeny Hall, Room 300
- 9:20–10:10 Michael Jablonski (University of Oklahoma)
An overview of recent progress towards resolving the Generalized Alekseevskii Conjecture
- 10:30–11:20 William Wylie (Syracuse University)
Homogeneous Warped Product Einstein metrics
- 11:30 Lunch in Kemeny Hall, Room 300.