



**Speaker:** Donovan McFeron  
Ramapo College of New Jersey

Thursday, October 6, 2011  
2:00 PM  
125 Hayes-Healy Hall

**Title:** The Mabuchi metric and the Kahler-Ricci flow

**Abstract:**

The Kahler-Ricci flow on a Fano manifold can be thought of as a path in the space of Kahler metrics. We show that convergence of the flow corresponds to this path having finite length in terms of a natural metric on this infinite dimensional space. This is motivated by an earlier result of Clarke-Rubinstein, and it depends on some smoothing properties of the flow.