

**Speaker:** Reza Seyyedali  
University of Waterloo

Thursday, April 25, 2013  
1:00 pm  
Room: 231 Hayes-Healy Hall

**Title:** Extremal metrics on ruled manifolds

**Abstract:**

Let  $E$  be a simple stable bundle over a polarized manifold  $(X, L)$ , where  $(X, L)$  admits an extremal metric. We show that if the point of  $E$  is stable under the action of  $Aut(X, L)$  in the sense defined by Hong, then  $(PE^*, O(d) \otimes L^k)$  admits extremal metrics for  $k$  large enough.