



# **DEPARTMENT OF MATHEMATICAL SCIENCES**

## **Colloquium**

**Fabrice Baudoin**

University of Connecticut

### **Isoperimetric inequalities in Dirichlet spaces**

**ABSTRACT:** We develop a theory of BV functions in the general context of Dirichlet spaces. The theory applies to Riemannian or sub-Riemannian manifolds but also to fractals.

**Friday, December 6, 2019**

**11:00AM-12:00PM**

**Stratton Hall 203**