

**The McMicken College of Arts & Sciences  
Department of Mathematical Sciences**

Colloquium

# **Professor Fabrice Baudoin**

University of Connecticut

**Thursday, October 5, 2017**

**Rm 120 WCharlton Hall**

**4 – 5 pm**

## **Laplacian comparison theorems in sub-Riemannian geometry**

We will discuss Laplacian comparison theorems in sub-Riemannian geometry. The main idea in this area is to approximate the sub-Riemannian space by Riemannian structures satisfying a uniform measure contraction property.

**Refreshments will be served 3:15 – 3:45 pm in the Faculty & Graduate Student Lounge  
Rm 4118 French Hall West**