

The Department of Mathematical Sciences
Colloquium

Prof Davar Khoshnevisan

University of Utah

Thursday, April 20, 2017
Rm 240 WCharlton Hall
4 – 5 pm

A Multifractal Analysis of Parabolic SPDEs

I will describe ongoing efforts, with Kunwoo Kim and Yimin Xiao, toward a large-scale multifractal description of the tall peaks of the solution to a family of randomly-forced partial differential equations that are known to undergo “intermittency,” and arise in several areas of mathematics and its applications.

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