

Department of Mathematics

University of Houston

# Analysis Seminar

Tuesday, April 11, 2017

10:00-11:00 – Room 646 PGH

**Speaker:** Scott LaLonde (University of Texas at Tyler)

**Title:** Some recent progress on  $C^*$ -algebras associated to groupoids

**Abstract:** We will discuss some recent results on the structure of  $C^*$ -algebras associated to groupoids. Some relevant topics may include: nuclearity and exactness, simplicity and ideal structure, uniqueness theorems, Cartan subalgebras, and Morita equivalence. If time permits, we may also consider some results on groupoid crossed products and Fell bundles, and the implications for various other kinds of groupoid  $C^*$ -algebras.