

New Hampshire Operator Theory Symposium

Schedule of Events

November 2, 2013

10:00 – 11:00: Elizabeth Gillaspy

Title: K -theory and homotopies of 2-cocycles on higher-rank graphs

Abstract: If we have homotopic 2-cocycles ω_0, ω_1 on a higher-rank graph Λ , then the K -theory groups of the respective twisted C^* -algebras are isomorphic – in symbols, $K_*(C^*(\Lambda, \omega_0)) \cong K_*(C^*(\Lambda, \omega_1))$. In this talk, we will define higher-rank graphs, discuss some of the various ways one can think about homotopies of cocycles on these objects, and explain the crucial ideas behind the proof of our Theorem.

11:00 – 12:00: Wei Yuan

12:00 – 1:30: Lunch in Kemeny 300

1:30 – 2:30: Junhao Shen

2:30 – 3:30: Wenhua Qian

3:30 – 4:00: Break

4:00 – 5:00: Don Hadwin

DINNER: Dinner will be at Jesse's in Hanover. The reservation is for 6:00. From Dartmouth, take North Park Street south, back towards I-89. Continue straight through the funny intersection, with the Hanover Co-Op on the left, and onto Route 120. The restaurant is on the left at the second set of lights and there is a gas station to the right.