



Department of Mathematics Society for Industrial and Applied Mathematics (SIAM) and American Mathematical Society (AMS) UH Student Chapter

## **Graduate Student Paper Presentation**

Speakers: Graduate Students, Department of Mathematics

## Friday, May 1, 2015 12:30-5:00 pm SEC 104

The UH chapters of AMS and SIAM are jointly hosting the "Graduate Student Paper Presentation" event for year 2014-15 on Friday, the 1st of May, 2015 and are pleased to cordially invite you to attend it. Nine graduate students will be giving short 15 minute talks ranging from a variety of topics and research areas.

Each presentation will be evaluated by a panel of five professors (Drs. Fu, Kilpatrick, Tomforde, Ott and Gorb) from the department and three best presentations will be awarded. Panelists will also provide their feedback on the presentations.

The talks have been split into three different groups and each group offers a variety of topics. Please check the schedule and feel free to attend the ones that are of your interest.

Time	Speaker	Title of the Talk
12:30-1:00	Pizza and Food	
1:00-1:15	Thomas Weber	Two Dimensional Pedestrian Flow Models with Slowdown Interactions
3:40-3:55	Jitendra Prakash	Smith Ward Problem
1:40-1:55	Daniel Poll	Stochastic Motion of Bumps in Neural Fields
2:00-2:10	First Break	
2:10-2:25	Ananya Chaturvedi	Hyperbolicity and Holomorphic Sectional Curvature
2:30-2:45	Tasadduk Chowdhury	An iterative algorithm for region-of-interest reconstruction with cone-beam acquisitions on a generic source trajectory
2:50-3:05	Satish Pandey	A Spectral Characterization Of $\mathcal{AN}$ Operators
3:10-3:20	Second Break	
3:20-3:35	Alex Bearden	$C^*$ -Algebras as Noncommutative Topology
1:20-1:35	Simon Stolarczyk	The Effects of Network Connections on Optimal Estimates
4:00-4:15	Licheng Zhang	Extreme Value Theory for Lorenz Systems
4:15-4:50	Judges meet; Pictures for the event; Winners announced	

Food and drinks will be served at 12:30 in SEC 104! More info at www.math.uh.edu/uhams and www.math.uh.edu/uhsiam