

Lehigh University
Department of Mathematics

Colloquium

Fall 2013 Term plan

The colloquium takes place on Wednesdays at 4.10 pm in Neville 002 (unless specified differently below).

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|----------------|---------------------------------------|---|
| Aug. 28 | No colloquium (first week of classes) | |
| Sep. 4 | NV 002 | Prof. Linghai Zhang
Lehigh University
<i>Evans functions and stability of traveling wave solutions of differential equations.</i> |
| Sep. 11 | NV 002 | Prof. Ron Donagi
University of Pennsylvania
<i>Supermoduli space is not projected.</i> |
| Sep. 18 | NV 002 | Prof. Ugo Boscain
Ecole Polytechnique / CNRS
<i>A model of geometry of vision based on Sub-Riemannian geometry and hypoelliptic diffusion.</i> |
| Sep. 25 | NV 002 | Prof. Mohan Ramachandran
University of Buffalo
CANCELLED |
| Oct. 2 | NV 002 | Prof. Miranda Teboh-Ewungkem
Lehigh University
<i>Complex Dynamics in a Model for the Vector-Borne Disease Malaria.</i> |
| Oct. 9 | NV 002 | Prof. Ioannis Karatzas
Columbia University
<i>Mathematical Aspects of Arbitrage.</i> |
| Oct. 16 | NV 002 | Prof. Dhandapani Yogeshwaran
Technion - Israel Institute of Technology
<i>Understanding the Topology of the Boolean Model.</i> |

- Oct. 23** **NV 002** **Prof. Feng Luo**
Rutgers University
A discrete uniformization theorem for polyhedral surfaces.
- Oct. 30** **NV 002** **Prof. Wolfgang Ziller**
University of Pennsylvania
Positively Curved Submanifolds of Euclidean Space.
- Nov. 6** **NV 002** **Prof. Zhiqiang Tan**
Rutgers University
Improved Minimax Estimation under Heteroscedasticity.
- Nov. 13** **NV 002** **Prof. Xiaowei Wang**
Rutgers University at Newark
Stability and compactification of moduli.
- Nov. 20** **NV 002** **Prof. Davar Khoshnevisan**
University of Utah
Nonlinear Noise Excitation.
- Nov. 27 No colloquium (Thanksgiving break)
- Dec. 4** **NV 002** **Prof. Yaakov Malinovsky**
University of Maryland - Baltimore County
On the Nile problem by Sir Ronald Fisher.
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For the organizers : D. Conus