

The 5th Symposium on Analysis & PDEs

Purdue University, May 20–23, 2012



principal lecturers

Luis Caffarelli *University of Texas at Austin*

4 lectures *Regularity theory for non-linear problems involving non-local diffusions*

Alice Chang *Princeton University*

4 lectures *Non-linear PDEs in the study of conformal invariants*

invited speakers

Giovanna Citti

Universita di Bologna

Yan Yan Li

Rutgers University

Ovidiu Savin

Columbia University

Panagiotis Souganidis*

University of Chicago

Paul Young

Princeton University

Peter Constantin*

University of Chicago

Kate Okikiolu*

Johns Hopkins University

Natasa Sesum*

Rutgers University

Alexis Vasseur

University of Texas at Austin

Yu Yuan

University of Washington

Matthew Gursky

University of Notre Dame

Jean Michel Roquejoffre

Universite de Toulouse

Dejan Slepcev

Carnegie Mellon University

Jeff Viaclovsky*

University of Wisconsin

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*to be confirmed

contributed talks Submissions are encouraged (see the Symposium website for details)

organizers

Donatella Danielli, Nicola Garofalo, Arshak Petrosyan, Aaron Yip

Email: symposium12@math.purdue.edu

Secretary: **Julie Morris** jmorris@math.purdue.edu

Website: <http://www.math.purdue.edu/~danielli/symposium12>

This year's Symposium is coorganized with NSF Focused Research Group
Emerging Issues in the Sciences Involving Non-Standard Diffusion and coordinated with

Concentration month on nonlinear elliptic PDEs

University of Chicago, May 2012 <http://math.uchicago.edu/~luis/special-month/>

support

The conference is supported by the National Science Foundation (NSF), the Department of Mathematics, Purdue University, and the Institute for Mathematics and its Applications (IMA) through its Participating Institution (PI) Program. Financial support is available to graduate students, postdoctoral fellows and active senior researchers who do not have grants. People from the underrepresented groups (women and minorities) are particularly encouraged to apply. PI members may use IMA/PI funds to support travel of their personnel to this conference.

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