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	**Peter Constantin***	**Matthew Gursky**
Universita di Bologna	*University of Chicago*	*University of Notre Dame*
Yan Yan Li	**Kate Okikiolu***	**Jean Michel Roquejoffre**
Rutgers University	*Johns Hopkins University*	*Universite de Toulouse*
Ovidiu Savin	**Natasa Sesum***	**Dejan Slepcev**
Columbia University	*Rutgers University*	*Carnegie Mellon University*
Panagiotis Souganidis*	**Alexis Vasseur**	**Jeff Viaclovsky***
University of Chicago	*University of Texas at Austin*	*University of Wisconsin*
Paul Young	**Yu Yuan**	
Princeton University	*University of Washington*	**to be confirmed*

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

organizers

Donatella Danielli, Nicola Garofalo, Arshak Petrosyan, Aaron Yip
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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/

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