CENTER FOR MATHEMATICS
AT NOTRE DAME

Thematic Program on Nonlinear PDEs in Geometry and Physics

Undergraduate Summer School
(June 2 – 6, 2014)

"Partial Differential Equations: Basic Theory"
Christine Breiner (Fordham), Main Lecturer

Graduate Student and Postdoc Summer School Mini Courses
(June 9 – 13, 2014)

Fabrice Bethuel (UPMC)	*Topological singularities in nonlinear analysis and PDEs*
Manuel del Pino (Universidad de Chile)	*The Allen Cahn equation, minimal surfaces and a conjecture by De Giorgi.*
Gabriella Tarantello (Roma "Tor Vergata")	*The role of singular Liouville systems in the construction of non-abelian Chern-Simons vortices.*
Juncheng Wei (UBC)	*Monotonicity approach to classification of stable solutions*

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