Center for Mathematics at Notre Dame
THEMATIC PROGRAM ON NONLINEAR PDES IN GEOMETRY AND PHYSICS
Graduate Student and Postdoc Mini-Course
June 9 - June 13, 2014
University of Notre Dame

DAILY SCHEDULE

*All talks will be held in 127 Hayes-Healy and Coffee Breaks in 257 Hurley

Monday, June 9, 2014
9:30am Coffee and Continental Breakfast – Registration
10:30am F. Bethuel (UPMC), Topological singularities in nonlinear analysis and PDE’s, I
11:30pm Lunch
2:00pm M. del Pino (Chile), The Allen Cahn equation, minimal surfaces and a conjecture by De Giorgi, I
3:00pm Coffee/Snack Break
3:30pm M. del Pino (Chile), The Allen Cahn equation, minimal surfaces and a conjecture by De Giorgi, II

Tuesday, June 10, 2014
8:30am Coffee and Continental Breakfast – Registration
9:30am J. Wei (UBC), Monotonicity approach to classification of stable solutions, I
10:30am Coffee/ Snack Break
11:00am J. Wei (UBC), Monotonicity approach to classification of stable solutions, II
12:00pm Lunch
2:00pm F. Bethuel (UPMC), Topological singularities in nonlinear analysis and PDE’s, II
3:30pm Coffee/Snack Break
4:00pm M. del Pino (Chile), The Allen Cahn equation, minimal surfaces and a conjecture by De Giorgi, III

Wednesday, June 11, 2014
8:30am Coffee and Continental Breakfast
10:30am Free Time
2:00pm F. Bethuel (UPMC), Topological singularities in nonlinear analysis and PDE’s, III
3:30pm Coffee/Snack Break
4:00pm J. Wei (UBC), Monotonicity approach to classification of stable solutions, III
6:00pm Wine and Hors d’oeuvre Reception, Jordan Hall of Science Reading Room
Thursday, June 12, 2014

8:30am    Coffee and Continental Breakfast
9:30am    G. Tarantello (Roma), *The role of singular Liouville systems in the construction of non-abelian Chern-Simons vortices, I*
10:30am   Coffee/Snack Break
11:00am   G. Tarantello (Roma), *The role of singular Liouville systems in the construction of non-abelian Chern-Simons vortices, II*
12:00pm   Lunch
2:00pm    J. Wei (UBC), *Monotonicity approach to classification of stable solutions, IV*
3:00pm    Coffee/Snack Break
3:30pm    M. del Pino (Chile), *The Allen Cahn equation, minimal surfaces and a conjecture by De Giorgi, IV*

Friday, June 13, 2014

8:30am    Coffee and Continental Breakfast
9:30am    G. Tarantello (Roma), *The role of singular Liouville systems in the construction of non-abelian Chern-Simons vortices, III*
10:30am   Coffee/Snack Break
11:00am   G. Tarantello (Roma), *The role of singular Liouville systems in the construction of non-abelian Chern-Simons vortices, IV*
12:00pm   End of Program