



THE WORKSHOP WILL TAKE PLACE IN THE CENTRO DE MODELAMIENTO MATEMÁTICO,
UNIVERSIDAD DE CHILE

New Developments in Partial Differential Equations II

Center for Nonlinear Analysis

Centro de Modelamiento Matemático (CMM), Universidad de Chile

Departamento de Ingeniería Matemática (DIM), Universidad de Chile

Santiago, CHILE, January 7-10, 2008

This is the second of two workshops funded by the National Science Foundation to start a collaborative research and training effort between the Center for Nonlinear Analysis at Carnegie Mellon University and the PDE group at the Centro de Modelamiento Matemático (CMM) and the Departamento de Ingeniería Matemática of the Universidad de Chile.

THREE MAIN AREAS OF EMPHASIS:

- Singular Perturbations
- Quasilinear Elliptic Equations
- Mass Transport in Nonequilibrium Systems

SPEAKERS INCLUDE:

- Henri Berestycki (Centre d'Analyse et de Mathématique Sociales)
- Isabeau Birindelli (Università di Roma, La Sapienza)
- Carmen Cortazar (P. Universidad Católica de Chile)
- Xinfu Chen (University of Pittsburgh)
- Juan Dávila (Universidad de Chile)
- Manuel Elgueta (P. Universidad Católica de Chile)
- Patricio Felmer (Universidad de Chile)
- Irene Fonseca (Carnegie Mellon University)
- Wilfrid Gangbo (Georgia Institute of Technology)
- Marta García-Huidobro (P. Universidad Católica de Chile)
- Ignacio Guerra (Universidad de Santiago de Chile)
- Dmitry Golovaty (The University of Akron)
- Miguel A. Herrero (Universidad Complutense)
- David Kinderlehrer (Carnegie Mellon University)
- Michal Kowalczyk (Universidad de Chile)
- Giovanni Leoni (Carnegie Mellon University)
- Sebastian Lorca (Universidad de Tarapaca)
- Raúl Manásevich (Universidad de Chile)
- Salomé Martínez (Universidad de Chile)
- Peter A. Markowich (University of Cambridge)
- Alberto Montero (The University of Akron)
- Alexander Quaas (Universidad Santa María)
- Sylvia Serfaty (Courant Institute of Mathematical Sciences)
- Philippe Souplet (Université Paris-Nord)
- Pedro Ubilla (Universidad de Santiago de Chile)
- Juan J.L. Velazquez (Universidad Complutense)
- Pierre Vuillermot (Institut Élie Cartan)

Graduate students, postdocs and scientists (non-tenured) with a recent Ph.D. degree are encouraged to contribute a presentation for this conference.

The deadline for submission of contributed abstracts and title is December 15, 2007.

CONTACT INFORMATION:

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This conference is sponsored by the [National Science Foundation](#), Department of Mathematical Sciences at Carnegie Mellon University and the Centro de Modelamiento Matemático (CMM), Departamento de Ingeniería Matemática at the Universidad de Chile and the Instituto Milenio en Sistemas Complejos de Ingeniería at Universidad de Chile.



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