The London Mathematical Society

South West and South Wales Regional Meeting 2008

and subsequent **Workshop on Calculus of Variations and Nonlinear PDEs**

15-17 September 2008, Mathematics Department, Swansea University

The 2008 *South West and South Wales Regional Meeting* of the London Mathematical Society will be held at Swansea University during the afternoon of *Monday the 15th of September 2008.*

Over the subsequent 2 days there will be a more specialised workshop on *Calculus of Variations and Nonlinear Partial Differential Equations*, which is in addition supported by the Wales Institute of Mathematical and Computational Sciences and by the Oxford Centre for Nonlinear PDE.

The workshop will address new trends in the modern theory and applications of Nonlinear PDEs and the Calculus of Variations. Particular areas will include quantitative and qualitative analysis of nonlinear elliptic and parabolic partial differential equations, existence and regularity problems, variational and PDE related numerical methods in material microstructures.
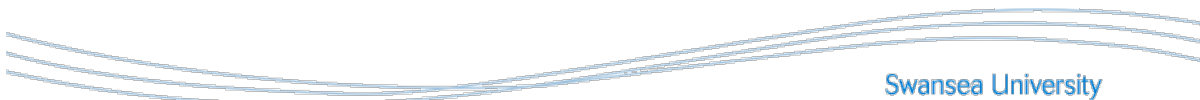
Workshop Speakers

- Marie-Françoise Bidaut-Véron (Tours, France)
- Georg Dolzmann (Regensburg, Germany)
- Daniel Faraco (Madrid, Spain)
- Marek Fila (Bratislava, Slovakia)
- Ugo Gianazza (Pavia, Italy)
- Bernd Kirchheim (Oxford, UK)
- Jan Kristensen (Oxford, UK)
- Antonio Orlando (Swansea, UK)
- Ireneo Peral (Madrid, Spain)
- László Székelyhidi Jr. (Bonn, Germany)
- Laurent Véron (Tours, France)
- Xiao Zhong (Jyväskylä, Finland)

Local Organizers

- Niels Jacob, Vitali Liskevich, Kewei Zhang, Elaine Crooks, Vitaly Moroz

Limited funds are available to contribute to the expenses of the members of the LMS or research students. See the webpage for further details.

Webpage: http://www-maths.swan.ac.uk/staff/vm/LMS-regional/

Swansea University