



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*. On the day, there will be three invited lectures, all aimed at a general mathematical audience. All interested parties (whether LMS members or not) are most welcome to attend this event. There will be a reception and dinner in the evening.

Over the subsequent 2 days there will be a more specialised workshop on *Calculus of Variations and Nonlinear Partial Differential Equations*. 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.

Meeting Speakers

- Nicola Fusco (Naples, Italy)
- Istvan Gyongy (Edinburgh, UK)
- Bert Peletier (Leiden, Netherlands)

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

- Vitali Liskevich: : v.a.liskevich 'at' swansea.ac.uk
- Kewei Zhang: k.zhang 'at' swansea.ac.uk
- Elaine Crooks: e.c.m.crooks 'at' swansea.ac.uk
- Vitaly Moroz: v.moroz 'at' swansea.ac.uk

Limited funds are available to contribute to the expenses of members of the LMS or research students to attend the meeting and workshop. Contact the local organizers with enquiries.

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

Swansea University