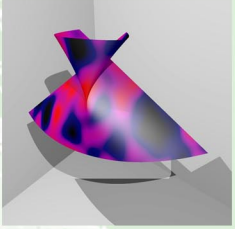# LONDON DYNAMICAL SYSTEMS GROUP
2005-2006 Graduate School, Autumn Term

Bifurcation Theory
24th - 28th October 2005, Imperial College London

Organiser: Jeroen Lamb, jeroen.lamb@imperial.ac.uk

Homoclinic bifurcation
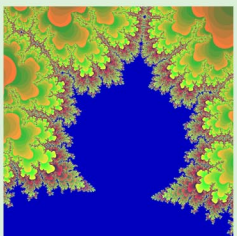 *Ale Jan Homburg, University of Amsterdam*
Local bifurcation
  Jeroen Lamb, Imperial College London
Numerical bifurcation analysis with AUTO
  Jan Sieber, University of Bristol
  Thomas Wagenknecht, University of Bristol

Real and Complex Dynamics
7th - 11th November 2005, Imperial College London

Organiser: Stefano Luzzatto, stefano.luzzatto@imperial.ac.uk

One-dimensional real dynamics
  Henk Bruin, University of Surrey
One-dimensional complex dynamics
  Shaun Bullett, Queen Mary University of London
Topological dynamics and ergodic theory
  Stefano Luzzatto, Imperial College London

Participation is free. Applications should be made for each course separately, at least one month in advance. Details on how to apply and other practical information can be found at http://www.ma.ic.ac.uk/~jswlamb/LDSG/grad0506. Alternatively, one may contact the course organiser. For all other enquiries, please contact Jeroen Lamb (jeroen.lamb@imperial.ac.uk). Unfortunately, there are no opportunities to apply for financial support.

The London Dynamical Systems Group (LDSG) is an initiative of the dynamical systems groups at Imperial College London, Queen Mary University of London, University College London and the University of Surrey. Apart from the graduate school, LDSG organizes a series of meetings supported by the London Mathematical Society. For more information, see http://www.ma.imperial.ac.uk/~jswlamb/LDSG.