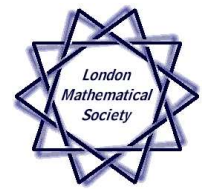




PANDA



Friday 12th December 2003

Meeting Room 14, Pavilion F
DAMTP, Centre for Mathematical Sciences
University of Cambridge, Wilberforce Road, Cambridge CB3 0WA

This meeting is the fourth in a series of one-day meetings on pattern formation, nonlinear dynamics and related applications, held at the Universities of Surrey, Leeds, Nottingham and Cambridge in 2003. The organisers are very grateful for the financial support of the LMS under a Scheme 3 grant.

Each meeting features two invited lectures. These will be of a pedagogical nature and are aimed at research students. Post-doctoral researchers and research students are warmly encouraged to attend.

10.30am

COFFEE

Invited Lecture I:

11.00am

Chris Budd
(Bath)

Cellular buckling patterns in folded systems

Invited Lecture II:

12.00pm

David Chillingworth
(Southampton)

Symmetry, dynamics and patterns
for planar liquid crystals

1.00pm

LUNCH

2.30pm

Sergei Turitsyn
(Aston)

Recent progress in soliton applications in fibre
optic communications

3.00pm

Tom Mullin
(Manchester)

The onset of cells in Taylor–Couette flow:
a new type of bifurcation?

3.30pm

TEA

4.00pm

Alice Courvoisier
(Leeds)

Kinematic dynamo action in cellular flows

4.20pm

Claire Postlethwaite
(Cambridge)

Cycling cycles: dynamics near a heteroclinic
network

A limited amount of funding will be available to cover travel expenses of participants, in particular research students. For more details contact Jonathan Dawes: J.H.P.Dawes@damtp.cam.ac.uk, telephone 01223–760387.
<http://www.damtp.cam.ac.uk/user/jhd1002/panda>