



Nonlinearity

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Your invitation to the Nonlinearity scientific meeting 9th September 2005

We are pleased to present six invited speakers providing talks on a range of topics within the field of Nonlinearity.

Organized by Carl Dettmann, this event is completely FREE of charge and open to anyone interested in attending.

The invited speakers and their provisional topics are

J Lega, University of Arizona, Tuscon, USA

On the stability of local deformations of an elastic filament

C Liverani, Università di Roma 'Tor Vergata', Italy

Dynamical systems as degenerated Markov chains

C Le Bris, CERMICS-ENPC, Marne-La-Vallée Cedex, France

Some mathematical challenges in molecular simulation and quantum chemistry

R Deegan, University of Bristol, UK

Cracks and sparks

M Brenner, Harvard University, Cambridge, MA, USA

TBA

K Khanin, Isaac Newton Institute for Mathematical Sciences, Cambridge, UK

Rigidity in dynamics

This meeting will be held from 2.00pm at
Institute of Physics,
76 Portland Place, London W1B 1NT

Contact Elaine Longden-Chapman, Group Publisher, for further details: elaine.chapman@iop.org

Image courtesy of CHJ Veldhuis, A Biesheuvel, L van Wijngaarden and D Lohse of the University of Twente, Enschede, The Netherlands; from their article 'Motion and wake structure of spherical particles' which appears in *Nonlinearity* **18** (2005) C1–C8



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