



# 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](mailto: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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