



## David Crighton Medal Presentation

Followed by:

*The problem of turbulence: child's play?*

**Professor H. Keith Moffatt FRS**

Simple mechanical toys can provide insights into aspects of fluid dynamical behaviour encountered in theories of turbulence: the persistence of spin, chirality, dissipative instability, finite-time singularities and their resolution. These phenomena will be illustrated, and their relevance to turbulence, and the generation of magnetic fields by turbulence, will be discussed.

Royal Society, 6 Carlton House Terrace, London, SW1Y 5AG  
Wednesday 17 March 2010, 6.00 p.m.

Professor Keith Moffatt (Trinity College, Cambridge) will be presented with the 2009 David Crighton medal on Wednesday 17 March 2010, in the Kohn Theatre at the Royal Society. He will then deliver the 2009 David Crighton Lecture (above), which will be followed by a reception in the Marble Hall.

The David Crighton medal is awarded triennially in recognition of service to both mathematics and the mathematical community. It is co-sponsored by the Institute of Mathematics and its Applications and the London Mathematical Society.

The audience will include IMA and LMS members and invited guests from government, industry, education and kindred professional and learned associations. Admission to the lecture is by ticket only. Tickets are free of charge and will be allocated on a first come first served basis.

To reserve a place, please contact Lizzi Lake at the IMA by Wednesday 10 March 2010:

Lizzi Lake, Services Officer, The Institute of Mathematics and its Applications,  
Catherine Richards House, 16 Nelson Street, Southend-on-Sea, Essex, SS1 1EF.

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Please indicate the names of the person(s) the ticket(s) will be for and supply a postal address to which they should be sent. Please also indicate whether you would also like ticket(s) for the reception.