Leslie Fox Prize

The 14th Leslie Fox Prize Competition was held at Warwick University on Monday 29 June 2009. This prize, which is awarded every two years, recognizes the work of researchers, under the age of 31 at the submission date, based on the evaluation of a single paper and, for those who make the final round, the presentation of that paper in a 40 minute talk. From around 20 high quality submissions, the following 6 speakers made it to the final round and delivered talks as follows:

Stefano Giani (Nottingham University)
"A convergent adaptive method for elliptic eigenvalue problems".

Daan Huybrechs (Katholieke Universiteit Leuven)
"On the Fourier extension of non-periodic functions".

Armin Lechleiter (Ecole Polytechnique)
"The factorization method is independent of transmission eigenvalues".

Colin B. Macdonald (Mathematics, UCLA)
"The implicit closest point method for the numerical solution of partial differential equations on surfaces".

Brian D. Sutton (Randolph-Macon College)
"Computing the Complete CS Decomposition".

Liuqiang Zhong (Xiangtan University)
"Optimal multilevel and adaptive finite element methods for time-harmonic Maxwell equations".

Brian Sutton was awarded a first prize, and the remaining speakers were all awarded a second prize. The prize committee comprised Andrew Stuart (Warwick, Chair), together with Mark Ainsworth (Strathclyde) and Nick Higham (Manchester). The 15th Leslie Fox Prize Competition will take place in Manchester in 2011.

Leslie Fox Prize winners (From Left to Right Armin Lechleiter, Brian Sutton, Colin Macdonald, Andrew Stuart (Chair), Daan Huybrechs, Liuqiang Zhong and Stefano Giani)

The prize was established in 1985 by the (UK) Institute for Mathematics and Its Applications. It is sponsored by Cambridge University Presss, Oxford University Press, Princeton University Press, SIAM and Springer.❑

The Sylvester Medal

Congratulations to Professor Sir John Ball FRS, FIMA, who is awarded the 2009 Sylvester Medal. The Medal is named after James Joseph Sylvester who was Savilian Professor of Geometry, Oxford, in the 1880s.

John Ball's main research interests are in the calculus of variations, non-linear partial differential equations, infinite-dimensional dynamical systems and their applications to solid mechanics, materials science and liquid crystals.

The Sylvester medal is awarded biennially, by The Royal Society, for the encouragement of mathematical research and John Ball received the award 'for his seminal work in mechanics and non-linear analysis and his encouragement of mathematical research in developing countries.'

John Ball is Sedleian Professor of Natural Philosophy; Director of the Oxford Centre for Nonlinear PDE and a Fellow of The Queen's College, Oxford. He is a past President and Member of the International Mathematical Union's Executive committee and Chair of the Isaac Newton Institute Scientific Steering Committee.❑

Professor Tim Pedley appointed Member of Council for the EPSRC

The EPSRC has announced three new appointments to its council. They are Professor Tim Pedley, FRS, CMath FIMA, Professor Pierre-Louis Viollet and Dr David Watson. The appointments were made by the Science Minister and run from May 2009 for four years. The EPSRC is the main UK government funding agency for research and training in the physical sciences and engineering.

Tim Pedley is G I Taylor Professor of Fluid Dynamics in the Department of Applied Mathematics and Theoretical Physics at the University of Cambridge. He is president of the International Union of Theoretical and Applied Mechanics and he was President of the IMA from 2004-2005.❑