

Foundations of Computational Mathematics '99

18–28 July 1999, University of Oxford



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Plenary speakers

- ★ J. BALL (Oxford)
- ★ I. DAUBECHIES (Princeton)
- ★ J.-P. DEDIEU (Toulouse)
- ★ A. EDELMAN (MIT)
- ★ J. HEINTZ (Buenos Aires)
- ★ N. HIGHAM (Manchester)
- ★ R. McLACHLAN (Massey)
- ★ J. NOCEDAL (Northwestern)
- ★ E. NOVAK (Erlangen)
- ★ P. OLVER (Minneapolis)
- ★ B. POONEN (UC Berkeley)
- ★ R. RANNACHER (Heidelberg)
- ★ G. SAPIRO (Minneapolis)
- ★ A. STUART (Stanford)
- ★ D. TALAY (Sophia Antipolis)
- ★ W. THURSTON (UC Davis)
- ★ L. VALIANT (Harvard)
- ★ S.-T. YAU (Harvard)

Workshops

Nonplenary lectures will be held in fourteen workshops, spanning a broad range of mathematical topics. The workshops and their organisers are

Analysis and approximation of infinite-dimensional problems

John Ball & Endre Süli

Approximation theory

Ron DeVore & Allan Pinkus

Complexity theory, real machines and homotopy

Jean-Pierre Dedieu & Pascal Koiran

Computational dynamics

John Guckenheimer & Robert MacKay

Computational geometry and topology

David Epstein & David Gabai

Computational number theory

Richard Brent & Henri Cohen

Geometric integration and computation on manifolds

Chris Budd & Hans Munthe-Kaas

Information-based complexity

Stefan Heinrich & Erich Novak

Multiresolution, computer vision and PDEs

Vicent Caselles & Wolfgang Dahmen

Numerical linear algebra

Alan Edelman & Nick Higham

Optimization

Nick Gould & Mike Todd

Relations to computer science

László Lovász & Bill McColl

Stochastic computation

Peter Kloeden & Dominique Picard

Symbolic algebra and analysis

James Davenport & Elizabeth Mansfield

For further information please look at the FoCM home page at www.damtp.cam.ac.uk/user/na/FoCM/ email us at FoCM99@comlab.ox.ac.uk or write to

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Teresa KRICK (*Publicity*)
Wolfgang DAHMEN
Gene GOLUB
David MUMFORD
Marie-Francoise ROY
Steve SMALE
Gil STRANG
Henryk WOŹNIAKOWSKI

Local Organising Committee:

John BALL Oxford
Richard BRENT Oxford
Chris BUDD Bath
Mike GILES Oxford
Nick GOULD RAL
Nick HIGHAM Manchester
Bill McCOLL Oxford
Endre SÜLI Oxford (*Chair*)
Nick TREFETHEN Oxford

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