

FoCM'14

FOUNDATIONS of COMPUTATIONAL MATHEMATICS

Montevideo • December 11-20, 2014



PLENARY SPEAKERS

Period 1: Dec 11-13, 2014

- Annalisa Buffa
- Endre Szemerédi
- John Cremona
- Mike Shub
- Yi Ma
- Smale prize lecture

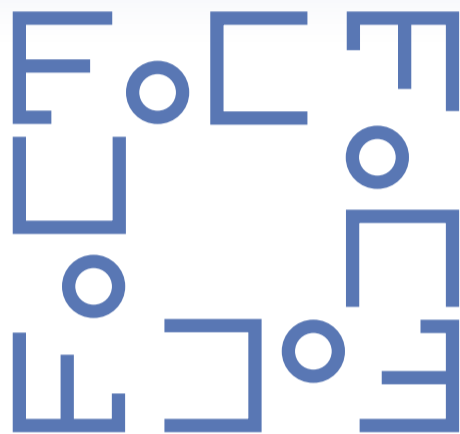
Period 2: Dec 15-17, 2014

- Arieh Iserles
- Frances Kuo
- Helmut Pottmann
- Michael F. Singer
- Pencho Petrushev
- Stephen Wright

Period 3: Dec 18-20, 2014

- Andrei Martínez-Finkelshtein
- Benoit Perthame
- David Cox
- Ricardo Nochetto
- Raúl Tempone
- Reinhold Schneider

FOCM



The conference, organised by the Society for Foundations of Computational Mathematics, is eighth in a sequence that commenced with the Park City, Rio de Janeiro, Oxford, Minneapolis, Santander, Hong Kong and Budapest FoCM meetings.

Online Registration is open until
November 30, 2014

Main local organizer:
Jana Rodriguez Hertz

WORKSHOPS

Period 1: Dec 11-13, 2014

- Computational Dynamics
- Computational Harmonic Analysis, Image and Signal Processing
- Computational Number Theory
- Graph Theory and Combinatorics
- Multiresolution and Adaptivity in Numerical PDE's
- Real-Number Complexity

Period 2: Dec 15-17, 2014

- Approximation Theory
- Computational Topology and Geometry
- Continuous Optimization
- Geometric Integration and Computational Mechanics
- Information-based Complexity
- Random Matrices
- Symbolic Analysis

Period 3: Dec 18-20, 2014

- Computational Algebraic Geometry
- Foundation of Numerical PDE's
- Learning Theory
- Numerical Linear Algebra
- Special Functions and Orthogonal Polynomials
- Stochastic Computation

www.focm-society.org/focm-2014

FoCM'14 is Organised
in Partnership with:



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Clay Mathematics Institute

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