FoCM 2017
Foundations of Computational Mathematics
Barcelona, July 10th-19th, 2017

http://www.ub.edu/focm2017

Organized in partnership with

Workshops

Approximation Theory
Computational Algebraic Geometry
Computational Dynamics
Computational Harmonic Analysis and Compressive Sensing
Computational Mathematical Biology with emphasis on the Genome
Computational Number Theory
Computational Geometry and Topology
Continuous Optimization
Foundations of Numerical PDEs
Geometric Integration and Computational Mechanics
Graph Theory and Combinatorics
Information-Based Complexity
Learning Theory
Mathematical Foundations of Data Assimilation and Inverse Problems
Multiresolution and Adaptivity in Numerical PDEs
Numerical Linear Algebra
Random Matrices
Real-Number Complexity
Special Functions and Orthogonal Polynomials
Stochastic Computation
Symbolic Analysis

Plenary Speakers

Karim Adiprasito
Jean-David Benamou
Alexei Borodin
Mireille Bousquet-Mélou
Mark Braverman
Claudio Canuto
Martin Hairer
Pierre Lairez
Monique Laurent
Melvin Leok
Lek-Heng Lim
Gábor Lugosi
Bruno Salvy
Sylvia Serfaty
Steve Smale
Andrew Stuart
Joel Tropp
Shmuel Weinberger

Sponsors