

RESEARCH PROGRAMMES

Mathematical Biology: Modeling and Differential Equations

January to June 2009

Coordinators: À. Calsina, J. A. Carrillo, A. Guillamon

www.crm.cat/Research/0809/MathematicalBiology

Harmonic Analysis, Geometric Measure Theory and Quasiconformal Mappings

February to July 2009

Coordinators: X. Tolsa, J. Verdera

www.crm.cat/Research/0809/Harmonic

Probabilistic Techniques in Computer Science

September to December 2009

Coordinators: J. Díaz, L. Kirousis, C. Martínez

www.crm.cat/Probabilistic

Arithmetic Geometry

September 2009 to July 2010

Coordinators: F. Bars, L. Dieulefait, V. Rotger

www.crm.cat/Arithgeo

ADVANCED COURSES

i-MATH Winter School DocCourse Combinatorics and Geometry 2009:

Discrete and Computational Geometry

January to March 2009

Coordinators: F. Hurtado, M. Noy, J. Pfeifle, F. Santos

www.crm.cat/DOCCOURSE2009

Mathematical Biology: Modeling and Differential Equations

February 2 to 6, 2009

Coordinators: À. Calsina, J. A. Carrillo, A. Guillamon

www.crm.cat/ACmodeling

Harmonic Analysis and PDE: Fluid Mechanics and Kato's Problem

March 9 to 13, 2009

Coordinators: X. Tolsa, J. Verdera

www.crm.cat/harmonicpde

Multilinear Harmonic Analysis and Weights

May 4 to 8, 2009

Coordinators: J. Mateu, J. Orobitg

www.crm.cat/multilinearharmonic

Quasiconformal Mappings, PDE and Geometric Measure Theory

June 3 to 12, 2009

Coordinators: X. Tolsa, J. Verdera

www.crm.cat/ACmappings

Barcelona Financial Engineering Summer School: The Practice of Derivatives Modeling

(with Borsa de Barcelona and Barcelona Centre Financer Europeu)

June 29 to July 3, 2009

Coordinator: S. del Baño

www.crm.cat/bfess09

Optimization: Theory, Methods and Applications

July 20 to 24, 2009

Coordinators: A. Daniilidis, J. E. Martínez-Legaz

www.crm.cat/OPT2009

Shimura Varieties and L -functions

October 19 to 24, 2009

Coordinators: F. Bars, L. Dieulefait, V. Rotger

www.crm.cat/ACshimura

Algebraic Cycles, Modular Forms, and Rational Points on Elliptic Curves

December 9 to 12, 2009

Coordinators: F. Bars, L. Dieulefait, V. Rotger

www.crm.cat/ACcycles

CONFERENCES

Mathematical Biology: Modeling and Differential Equations

February 9 to 13, 2009

www.crm.cat/Cmodeling

Harmonic Analysis, Geometric Measure Theory and Quasiconformal Mappings

June 15 to 19, 2009

www.esf.org/activities/esf-conferences/details/2009/confdetail308.html

Probabilistic Techniques in Computer Science

September 14 to 18, 2009

www.crm.cat/Ccomputer

WORKSHOPS

Young Researchers in Set Theory

April 14 to 18, 2009

www.crm.cat/WKset_theory

Sage Days Barcelona (with OSRM-UPC)

June 22 to 27, 2009

www.uam.es/personal_pdi/ciencias/engonz/sagedays16

Cycles and Special Values of L -series

December 14 to 18, 2009

www.crm.cat/WKlseries

OTHER ACTIVITIES

Seminar Cycle on Computational and Systems Neuroscience 2008-2009

www.crm.cat/Computational-Neuroscience

Barcelona Financial Engineering Seminar

(with Borsa de Barcelona and Barcelona Centre Financer Europeu)

www.crm.cat/Quant

Deterministic and Stochastic Modeling in Computational Neuroscience and Other Biological Topics

Advanced Course and Workshop

May 11 to 15, 2009

www.crm.cat/WKmodeling

GEMT 2009 (with OSRM-UPC)

Modeling Days

July 2009 (3 days)

www.crm.cat/GEMT09

Les matemàtiques en les ciències i la societat

(with CosmoCaixa)

Series of Talks

www.crm.es/Other/CosmoCaixaEng.htm