

RESEARCH PROGRAMMES

Arithmetic Geometry

September 2009 to July 2010
 Coordinators: F. Bars, L. Dieulefait, V. Rotger
www.crm.cat/arithgeo

Probabilistic Techniques in Computer Science

September to December 2009
 Coordinators: J. Díaz, L. Kirousis, C. Martínez
www.crm.cat/Probabilistic

The Infinity Project

September 2009 to July 2011
 Project Leader: Sy-David Friedman
www.crm.cat/InfinityProject

Foliations

April to July 2010
 Coordinators: J. Álvarez, G. Hector, M. Nicolau,
 P. Walczak, R. Wolak
www.crm.cat/Foliations

ADVANCED COURSES

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

Arithmetic Geometry for Function Fields of Positive Characteristic

February 22 to March 5, 2010
 Coordinators: F. Bars, L. Dieulefait, V. Rotger
www.crm.cat/acarithff

Second International School on Geometry and Physics: Geometric Langlands and Gauge Theory

March 17 to 26, 2010
 Coordinators: L. Álvarez-Cónsul, J. I. Burgos,
 O. García-Prada, I. Mundet
www.crm.cat/aclanglands

Foliations: Dynamics-Geometry-Topology

May 3 to 7, 2010
 Coordinators: J. Álvarez, G. Hector, M. Nicolau,
 P. Walczak, R. Wolak
www.crm.cat/acfoli

Modularity

June 14 to 25, 2010
 Coordinators: F. Bars, L. Dieulefait, V. Rotger
www.crm.cat/acmodulari

Financial Engineering Summer School

July 6 to 9, 2010
 Coordinators: S. del Baño, P. MacManus
www.crm.cat/FESS10

CONFERENCES

Probabilistic Techniques in Computer Science

September 14 to 18, 2009
www.crm.cat/ccomputer

III International Conference on the Anthropological Theory of the Didactic

January 25 to 29, 2010
www.crm.cat/cdidactic

Teichmüller Theory and its Interactions in Mathematics and Physics

June 28 to July 3, 2010
www.esf.org/index.php?id=6305

Modular Conference: Arithmetic of Modular Forms and Modularity Results

July 5 to 9, 2010
www.crm.cat/cmodular

Geometry and Topology of Foliations

July 12 to 16, 2010
www.crm.cat/cfoli

WORKSHOPS

Techniques and Challenges from Statistical Physics

October 14 to 16, 2009
www.crm.cat/wkstatisticalphysics

Mathematical Aspects of Large Networks

November 18 to 20, 2009
www.crm.cat/wknetworks

Cycles and Special Values of L -series

December 14 to 18, 2009
www.crm.cat/wklseries

Iwasawa Theory over Function Fields of Characteristic $p > 0$

April 6 to 10, 2010
www.crm.cat/wkiwasawa

OTHER ACTIVITIES

CRM Open Day

November 27, 2009
www.crm.cat

Seminar Cycle on Computational and Systems Neuroscience 2009-2010

www.crm.cat/ComputationalNeuroscience

Màster en Matemàtiques per als instruments financers

www.mat.uab.es/finances

Drinfeld Modules and L -functions

Advanced Course and Workshop
 April 12 to 16, 2010
www.crm.cat/wkacdrinfeld

GEMT 2010 (with OSRM - UPC)

Modeling Days
 July 2010 (3 days)
www.crm.cat/GEMT10