

# Advanced Course on Foliations: Dynamics-Geometry-Topology

Centre de Recerca Matemàtica  
Bellaterra, Barcelona

3 - 7 May 2010

One series of lectures will present the fundamentals of foliation theory and the other lectures will introduce some of its most active areas, like dynamics of foliations, classifying spaces, index theory for foliations and group actions, or rigidity and leafwise cohomology. These courses will provide the audience with the necessary tools to work on important unsolved problems in foliation theory.

## Lecturers

Masayuki Asaoka, Kyoto University

*Deformations of locally free group actions and leafwise cohomology*

Aziz El Kacimi Alaoui, Université de Valenciennes

*Fundamentals of foliation theory*

Steven Hurder, University of Illinois at Chicago

*Topics in dynamics of foliations*

Ken Richardson, Texas Christian University

*Transversal Dirac operators on distributions, foliations and  $G$ -manifolds*

Elmar Vogt, Freie Universität Berlin

*Topology of  $BF$*

## Coordinators

Jesús Álvarez López    Universidade de Santiago de Compostela

Gilbert Hector    Université de Lyon

Marcel Nicolau    Universitat Autònoma de Barcelona

Paweł Walczak    Uniwersytet Łódzki

Robert Wolak    Uniwersytet Jagielloński

## Registration and Grants

Participants may apply for a reduced registration fee and lodging grants

Deadline for grant applications: March 1, 2010

Deadline for registration and payment: April 1, 2010

## Information

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