

Summer School on Nonlinear PDE's and Applications to Image Analysis

A scientific tribute to Vicent Caselles

Centre de Recerca Matemàtica, Bellaterra, Barcelona
July 20 to 24, 2015



Vicent Caselles: in memoriam

This event is an homage to the memory and scientific legacy of Vicent Caselles, aiming at the interplay between Image Processing and advanced mathematical techniques.

Lecturers

Luigi Ambrosio, Scuola Normale Superiore di Pisa

Functions of bounded variation, sets of finite perimeter and image processing

Xavier Cabré, Universitat Politècnica de Catalunya

Minimizers of nonlocal operators and the corresponding fractional diffusion equations

Simon Masnou, Université Claude Bernard Lyon 1

Nonlocal models for image/video restoration

Jean-Michel Morel, CMLA, Cachan

The structure of digital images

Martin Rumpf, Universität Bonn

Variational discretization of geometric calculus on shape spaces

Scientific and organising Committee

Juan Calvo, Universitat Pompeu Fabra

Antonin Chambolle, CMAP, École Polytechnique, CNRS

Bartomeu Coll, Universitat de les Illes Balears

Gloria Haro, Universitat Pompeu Fabra

Matteo Novaga, Università di Pisa

Philippe Salembier, Universitat Politècnica de Catalunya

Petia Radeva, Universitat de Barcelona / CVC

Collaborators

Centre de Visió per Computador

Università di Pisa

Universitat de Barcelona

Universitat Politècnica de Catalunya

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