

## 9-13 GIUGNO

SCHOOL

### Organizers

LUIGI AMBROSIO  
NICOLA GIGLI  
KARL-THEODOR STURM

### ANALYSIS AND GEOMETRY ON SINGULAR SPACES

Lecturers:

**Vitali Kapovitch** (Toronto University)  
*Alexandrov geometry*

**Aaron Naber** (MIT)  
*Regularity of spaces with lower and bounded Ricci curvature*

**Giuseppe Savaré** (Università di Pavia)  
*Metric measure spaces with Riemannian Ricci curvature bounded from below*

## 16-20 GIUGNO

WORKSHOP

### Organizers

GUIDO DE PHILIPPIS  
FRANK MORGAN  
ALDO PRATELLI

### ISOPERIMETRIC PROBLEMS BETWEEN ANALYSIS AND GEOMETRY

## 23-28 GIUGNO

SCHOOL

### Organizers

LUIGI AMBROSIO  
CARLO MANTEGAZZA  
ANDREA MENNUCCI

### SCHOOL ON GEOMETRIC EVOLUTION PROBLEMS

Lecturers:

**Gerard Besson** (Institut Fourier Grenoble)  
*On open 3-manifolds*

**Robert Haslhofer** (NYU)  
*Mean curvature flow of mean convex hypersurfaces*

**Peter Michor** (Wien University)  
*Geodesic evolution equations on shape spaces and diffeomorphism groups*

**Felix Schulze** (University College London)  
*Networks of curves evolving by curvature in the plane*

## 30 GIUGNO-5 LUGLIO

WORKSHOP

### Organizers

BERNARD DACOROGNA  
ALDO PRATELLI

### EXISTENCE AND REGULARITY FOR NONLINEAR SYSTEMS OF PARTIAL DIFFERENTIAL EQUATIONS

## 7-12 LUGLIO

SCHOOL

### Organizers

NICOLA FUSCO  
ALDO PRATELLI

### SCHOOL ON FREE DISCONTINUITY PROBLEMS

Lecturers:

**Matteo Focardi** (Università di Firenze)  
*Fine regularity results for Mumford-Shah minimizers: higher integrability of the gradient and estimates on the Hausdorff dimension of the singular set*

**Giovanni Leoni** (Carnegie Mellon University)  
*Epitaxial growth of thin films*

**Massimiliano Morini** (Università di Parma)  
*Local and global minimality results for an isoperimetric problem with long range interactions*

### Registration and application for funding

<http://cvgmt.sns.it/Pisa-bimester-2014>  
Deadline for applications: March 30, 2014

### Informazioni

eventiculturali@sns.it  
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