

# AdG Grant GeMeThnES

## “Geometric Measure Theory in non-Euclidean Spaces”

### ERC Summer School on Analysis and Geometry in Metric Measure Spaces

7 | 11 May | 2012

**Organizing Committee:**

Luigi Ambrosio (Scuola Normale Superiore)  
Karl-Theodor Sturm (University of Bonn)

**Lecturers:**

Tobias Colding (MIT)  
*Spaces and manifolds with Ricci curvature bounds*

Nicola Gigli (University of Nice)  
*Notions of calculus in metric measure spaces with applications to spaces with Ricci curvature bounded from below*

Michel Ledoux (University of Toulouse)  
*Markov semigroups, functional inequalities and curvature*

Jan Maas (University of Bonn)  
*Gradient flows and Ricci curvature in discrete analysis*

Takashi Shioya (Tohoku University)  
*Concentration of metric measure spaces*

### ERC Workshop on Optimal Transportation and Applications

5 | 9 November | 2012

**Organizing Committee:**

Luigi Ambrosio (Scuola Normale Superiore)  
Giuseppe Buttazzo (University of Pisa)  
Giuseppe Savaré (University of Pavia)

**Invited Speakers:**

François Bolley (University of Paris Dauphine)  
Yann Brenier (University of Nice)  
José Antonio Carrillo (ICREA and University of Barcelona)  
Guillaume Carlier (University of Paris Dauphine)  
Pierre Cardaliaguet (University of Brest)  
Guido De Philippis (Scuola Normale Superiore)  
Alessio Figalli (University of Austin)  
Wilfrid Gangbo (Georgia Institute of Technology, Atlanta)  
Nicola Gigli (University of Nice)  
Nathael Gozlan (University of Marne-la-Vallée)  
\*Bo'az Klartag (Tel Aviv University)  
Benoit Kloeckner (University of Grenoble)  
Kazumasa Kuwada (Ochanomizu University)  
Jan Maas (University of Bonn)  
Robert McCann (Toronto University)  
Alexander Mielke (University of Berlin)  
Emanuel Milman (Israel Institute of Technology)  
Shin-Ichi Ohta (Kyoto University)  
Felix Otto (MPI Leipzig)  
Tapio Rajala (University of Jyväskylä)  
Filippo Santambrogio (University of Paris Sud)  
Karl-Theodor Sturm (University of Bonn)  
Xavier Tolsa (ICREA and University of Barcelona)  
\*Cedric Villani (Institute Henri Poincaré)  
Maximilian Von Renesse (University of München)  
Michael Westdickenberg (Georgia Institute of Technology, Atlanta)

\* to be confirmed



Centro  
di Ricerca  
Matematica  
Ennio De Giorgi

Matematica  
nelle Scienze Naturali  
e Sociali

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