

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)
Josè 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

For information please contact
Prof. Luigi Ambrosio
l.ambrosio@sns.it

Centro di Ricerca Matematica
Ennio De Giorgi

Collegio Puteano
Scuola Normale Superiore
Piazza dei Cavalieri, 3 - 56126 Pisa Italy
crm@crm.sns.it - www.crm.sns.it



AdG Grant GeMeThnES
“Geometric Measure Theory
in non-Euclidean spaces”