# ERC School on Geometric Measure Theory and Real Analysis

## Centro De Giorgi, Scuola Normale Superiore
## Pisa, September 30-October 4, 2013

## Schedule

### Monday, September 30

8.30-8.50. Registration.
8.50-9.00. Welcome address.
9.00-10.25. **Vladimir Bogachev (Moscow State University)**
*Sobolev classes over infinite-dimensional spaces with measures, I*
10.30-11.00. `Coffee break`
11.00-12.25. **Davide Vittone (Padova University)**
*The regularity problem for sub-Riemannian geodesics, I*

**Lunch**

15.00-15.55. **Emanuele Spadaro (MPI, Leipzig)** *Regularity of higher codimension area minimizing integral currents, I*
16.00-16.30. `Coffee break`
16.30-17.25. **Roberto Monti (Padova University)**
*Isoperimetric problem and minimal surfaces in the Heisenberg group, I*

9.00-10.25. **Roberto Monti (Padova University)**
*Isoperimetric problem and minimal surfaces in the Heisenberg group, II*
10.30-11.00. `Coffee break`
11.00-12.25. **Emanuele Spadaro (MPI, Leipzig)** *Regularity of higher codimension area minimizing integral currents, II*

**Lunch**

15.00-15.55. **Davide Vittone (Padova University)**
*The regularity problem for sub-Riemannian geodesics, II*
16.00-16.30. `Coffee break`
16.30-17.25. **Vladimir Bogachev (Moscow State University)**
*Sobolev classes over infinite-dimensional spaces with measures, II*

### Wednesday, October 2

9.00-10.25. **Davide Vittone (Padova University)**
*The regularity problem for sub-Riemannian geodesics, III*
10.30-11.00. `Coffee break`
11.00-12.25. **Vladimir Bogachev (Moscow State University)**
*Sobolev classes over infinite-dimensional spaces with measures, III*

**Lunch**

FREE AFTERNOON

<div align="center">**Thursday, October 3**</div>

9.00-10.25. **Emanuele Spadaro (MPI, Leipzig)**
*Regularity of higher codimension area minimizing integral currents, III*
10.30-11.00. `Coffee break`
11.00-12.25. **Roberto Monti (Padova University)**
*Isoperimetric problem and minimal surfaces in the Heisenberg group, III*

**Lunch**

15.00-15.55. **Vladimir Bogachev (Moscow State University)**
*Sobolev classes over infinite-dimensional spaces with measures, IV*
16.00-16.30. `Coffee break`
16.30-17.25. **Davide Vittone (Padova University)**
*The regularity problem for sub-Riemannian geodesics, IV*

**Friday, October 4**

9.30-10.25. **Roberto Monti (Padova University)**
*Isoperimetric problem and minimal surfaces in the Heisenberg group, IV*
10.30-11.00. `Coffee break`
11.00-11.55. **Emanuele Spadaro (MPI, Leipzig)** *Regularity of higher codimension area minimizing integral currents, IV*