ERC School on Analysis in Metric Spaces and Geometric Measure Theory
Centro De Giorgi, Scuola Normale Superiore
Pisa, January 10-14, 2011

Schedule

Monday 10

8.30-8.50. Registration.
8.50-9.00. Welcome address.
9.00-9.50. **Robert Hardt (Rice University)**
Rectifiable and Flat Chains and Charges in a Metric Space, I
10.00-10.50. **Dmitri Burago (Pennsylvania State University)**
From Asymptotic Volume of Tori to Minimal Surfaces in Normed Spaces and Boundary Rigidity, with a Few Digressions, I
10.50-11.30. `Coffee break`
11.30-12.20. **Robert Young (New York University)**
Asymptotics of Fillings Problems, I

Lunch

15.00-15.50. **Emanuele Spadaro (Bonn University)**
The role of Multiple Valued Functions in the Regularity Theory of Minimal Currents, I
16.00-17.00. **Robert Hardt (Rice University)**
Rectifiable and Flat Chains and Charges in a Metric Space, II

Tuesday 11

9.00-9.50. **Dmitri Burago (Pennsylvania State University)**
From Asymptotic Volume of Tori to Minimal Surfaces in Normed Spaces and Boundary Rigidity, with a Few Digressions, II
10.00-10.50. **Robert Young (New York University)**
Asymptotics of Fillings Problems, II
10.50-11.30. `Coffee break`
11.30-12.20. **Emanuele Spadaro (Bonn University)**
The role of Multiple Valued Functions in the Regularity Theory of Minimal Currents, II

Lunch

14.30-15.20. **Robert Hardt (Rice University)**
Rectifiable and Flat Chains and Charges in a Metric Space, III
15.30-16.20. **Dmitri Burago (Pennsylvania State University)**
From Asymptotic Volume of Tori to Minimal Surfaces in Normed Spaces and Boundary Rigidity, with a Few Digressions, III
16.20-16.50. `Coffee break`
16.50-17.40. **Robert Young, (New York University)**
Asymptotics of Fillings Problems, III

Wednesday 12

9.00-9.50. **Emanuele Spadaro (Bonn University)**
The role of Multiple Valued Functions in the Regularity Theory of Minimal Currents, III
10.00-10.50. **Robert Hardt (Rice University)**
Rectifiable and Flat Chains and Charges in a Metric Space, IV
10.50-11.30. `Coffee break`
11.30-12.20. **Dmitri Burago (Pennsylvania State University)**
From Asymptotic Volume of Tori to Minimal Surfaces in Normed Spaces and Boundary Rigidity, with a Few Digressions, IV

Lunch

Free afternoon

Thursday 13

9.00-9.50. **Robert Young (New York University)**
Asymptotics of Fillings Problems, IV
10.00-10.50. **Emanuele Spadaro (Bonn University)**
The role of Multiple Valued Functions in the Regularity Theory of Minimal Currents, IV
10.50-11.30. `Coffee break`
11.00-12.20. **Dmitri Burago (Pennsylvania State University)**
From Asymptotic Volume of Tori to Minimal Surfaces in Normed Spaces and Boundary Rigidity, with a Few Digressions, V

Lunch

Short talks

14.30-15.00. **Enrico Le Donne (ETH Zurich)**
Some new embedding results for subRiemannian manifolds
15.10-15.40. **Sara Daneri (SISSA Trieste)**
A disintegration technique for locally affine partitions of $\mathbb{R}^d$ and related divergence formulas
15.50-16.20. **Colin Carroll (Rice University)**
Currents and Differential Forms in Metric Spaces
16.20-16.50. `Coffee break`
16.50-17.20. **Riikka Korte (University of Helsinki)**
The equivalence between the pointwise Hardy inequality and the uniform capacity density condition
17.30-18.00. **Davide Vittone (Padua University)**
Isodiametric sets in the Heisenberg group
18.10-18.40. **Stefan Suhr (Regensburg University)**
Aubry-Mather Theory for Lorentzian Manifolds
18.50-19.20. **Costante Bellettini (ETH Zurich)**
Some minimal integral currents in geometry: the calibrated ones

Friday 14

9.00-9.50. **Robert Hardt (Rice University)**
Rectifiable and Flat Chains and Charges in a Metric Space, V
10.00-10.50. **Robert Young (New York University)**
Asymptotics of Fillings Problems, V
10.50-11.30. `Coffee break`
11.30-12.20. **Emanuele Spadaro (Bonn University)**
The role of Multiple Valued Functions in the Regularity Theory of Minimal Currents, V