

INdAM Workshop on vector-valued mappings and systems of PDE's

Roma, 17-21 maggio 2010

Titles of Conferences

Micol Amar	Homogenization of chessboard structures
Kari Astala	<i>tba</i>
Michael Bildhauer	On local generalized minimizers and local stress tensors for variational problems with linear growth
Lucio Boccardo	Dirichlet problems with singular convection terms and applications to some systems
Arrigo Cellina	<i>tba</i>
Giovanni Cupini	Regularity of minimizers under sharp anisotropic general growth conditions
Bernard Dacorogna	The pullback equation and Darboux theorem
Frank Duzaar	Regularity for parabolic systems with degenerate diffusion
Matteo Focardi	Homogenization of Fractional Obstacle Problems
Irene Fonseca	Variational Methods in Image Processing
Flavia Giannetti	Some regularity results of solutions of degenerate A -harmonic equations
Luigi Greco	A version of Gehring lemma in Orlicz spaces
Stanislav Hencl	Jacobians of Sobolev homeomorphisms
Tadeusz Iwaniec	p -Harmonic energy of deformations of punctured balls
Olivier Kneuss	On the equation $\det Du = f$ without sign hypothesis
Tommaso Leonori	<i>tba</i>
Francesco Maggi	Geometric properties of equilibrium shapes of small crystals
Carlo Mariconda	A Rado-Haar type result for minima in Sobolev spaces: part I
Elvira Mascolo	Polyconvex and nonpolyconvex functionals
Giuseppe Mingione	<i>tba</i>
Gioconda Moscariello	<i>tba</i>
Carlo Nitsch	<i>tba</i>
Luigi Orsina	Quasilinear and semilinear singular elliptic equations and systems
Emanuele Paolini	On the n -dimensional Dirichlet problem for isometric maps
Antonia Passarelli di Napoli	Higher differentiability and regularity for minimizers of multiple integrals with nonstandard growth conditions
Aldo Pratelli	On the properties of the planar sets with fixed lengths of the bisecting chords
Giulia Treu	A Rado-Haar type result for minima in Sobolev spaces: part II - applications to regularity
Anna Verde	<i>tba</i>