

ESPALIA 2006

DIPARTIMENTO DI MATEMATICA - UNIVERSITÀ DI ROMA 1

19-21 GIUGNO 2006, AULA 1

LUNEDI 19

- 9.15: LUCIANO MODICA - APERTURA DEI LAVORI
9.30-10.15: IRENEO PERAL - ECUACIÓN DE HAMILTON JACOBI VISCOSA CON UN TÉRMINO SINGULAR
10.15-10.20: DISCUSSIONE
10.25-11.10: DANIELA GIACHETTI - GLOBAL EXISTENCE FOR NONLINEAR PARABOLIC EQUATIONS WITH A DAMPING TERM
11.10-11.15: DISCUSSIONE
11.20-11.40: CAFFÈ
11.45-12.30: DAVID ARCOYA - ELLIPTIC EQUATIONS WITH QUADRATIC GROWTH IN THE GRADIENT
12.30-12.35: DISCUSSIONE
12.40-14.25: PRANZO
14.30-15.15: ALESSIO PORRETTA - ELLIPTIC PROBLEMS WITH SUPERLINEAR TERMS
15.15-15.20: DISCUSSIONE
15.25-16.10: GIOVANNI BELLETTINI - SOME REMARKS ON PERONA-MALIK EQUATION
16.10-16.15: DISCUSSIONE
16.20-16.40: CAFFÈ
16.45-17.30: XAVIER CABRÉ - ESTIMACIONES A PRIORI PARA SOLUCIONES ESTABLES DE ECUACIONES ELIPTICAS NO LINEALES EN DIMENSIONES BAJAS
17.30-17.35: DISCUSSIONE

MARTEDI 20

- 9.15- 10.00: PATRIZIA PUCCI - EQUAZIONI ELLITTICHE CON PESI

10.00 -10.05 : DISCUSSIONE
 10.10-10.55: MARCO ANTONIO FONTELOS - SYMMETRY-BREAKING BIFURCATIONS AND SINGULARITIES IN CHARGED DROPS
 10.55-11.00 : DISCUSSIONE
 11.05-11.40: CAFFÈ
 11.45-12.30: BERNHARD RUF - A PRIORI BOUNDS FOR POSITIVE SOLUTIONS OF SEMILINEAR ELLIPTIC SYSTEMS
 12.30-12.35: DISCUSSIONE
 12.40-14.25: PRANZO
 14.30-15.15: LUIS ESCAURIAZA - QUANTITATIVE UNIQUE CONTINUATION FOR PARABOLIC AND DISPERSIVE EQUATIONS WITHIN CHARACTERISTIC HYPERPLANES
 15.15-15.20: DISCUSSIONE
 15.25-16.10: ANTONIO AMBROSETTI - SISTEMI DI EQUAZIONI DI SCHROEDINGER
 16.10-16.15: DISCUSSIONE
 16.20-17.00: DISCUSSIONI COLLETTIVE

MERCOLEDI 21

9.15- 10.00: NICOLA FUSCO - THE SHARP QUANTITATIVE ISOPERIMETRIC INEQUALITY AND APPLICATIONS TO SOBOLEV INEQUALITY
 10.00-10.05: DISCUSSIONE
 10.10-10.55: GUILLERMO REYES - THE INHOMOGENEOUS POROUS MEDIUM EQUATION IN R^n AND EXTENDED EXISTENCE THEORY. ASYMPTOTIC BEHAVIOUR IN DIMENSION $n = 2$.
 10.55-11.00: DISCUSSIONE
 11.05-11.25: CAFFÈ
 11.30-12.15: JOSE MAZON - OBSTACLE PROBLEMS FOR QUASI-LINEAR ELLIPTIC EQUATIONS WITH NONLINEAR BOUNDARY CONDITIONS
 12.15-12.20: DISCUSSIONE
 12.25-13.55: PRANZO
 14.00-14.45: LUIGI ORSINA - SEMILINEAR EQUATIONS WITH EXPONENTIAL NONLINEARITIES
 14.45-14.50: DISCUSSIONE
 14.55-15.40: JUAN LUIS VAZQUEZ - EVOLUTION OF POINT MASSES BY PLANAR LOGARITHMIC DIFFUSION
 15.40-15.45: DISCUSSIONE
 15.50-16.00: SALUTI