

MINI-COURSES IN MATHEMATICAL ANALYSIS 2010

June 21-25, 2010

Program

The lectures of the Mini-Courses will be held every day from June 21 to June 25 in room 1A/150 located at “Torre Archimede” in Via Trieste 63 with the following timetable:

09:30--10:15 Vladimir Tikhomirov, “*Kolmogorov-type inequalities for intermediate derivatives*”

10:30--11:15 Marius Mitrea, “*Recent Progress for Elliptic Boundary Value Problems in Nonsmooth Domains*”

Coffee Break

11:40--12:25 Piero D'Ancona, “*Analysis of dispersive equations*”

12:40--13:25 Mark Ashbaugh, “*Isoperimetric Inequalities for the Eigenvalues of the Laplacian*”

Afternoon program:

Tuesday, June 22

16.15--17.00 Simon Gindikin, “*Integral Geometry as Gelfand’s way to discover Mathematics*”

Wednesday, June 23

15.00--15.25 Anatoly Golberg, “*Toward conformality at a point*”

15.30--15.55 Mirela Kohr, “*Boundary value problems for Brinkman operators on Lipschitz domains. Applications*”

Thursday, June 24

15.15--15.40 Francesco Chiacchio, “*Symmetrization for Neumann eigenvalue problems*”

15.45--16.10 Giovanni Franzina, “*Domain topology and multiplicity results for a subcritical quasilinear eigenvalue problem*”

16.25--16.50 Matteo Dalla Riva, “*Stokes flow in a singularly perturbed exterior domain*”

16.55--17.20 Paolo Musolino, “*A functional analytic approach for a singularly perturbed Dirichlet problem for the Laplace operator in a periodically perforated domain*”

17.30--17.55 Tynyshebek Kalmenov, “*On spectral problems for the Tricomi and more general partial differential equations*”

Social program:

Excursion: Visit to “Palazzo Bò” on June 22. The meeting point is at the entrance of “Torre Archimede” in Via Trieste 63 at 14.20.

Social dinner: June 24 at the restaurant “Osteria L'Anfora” in Via dei Soncin 13, Padova. The meeting point is at the entrance of “Torre Archimede” in Via Trieste 63 at 19.50. Interested people should contact Paolo Ciatti (e-mail: ciatti@dmsa.unipd.it).

The organizers: Victor Burenkov, Paolo Ciatti, Eduardo Gonzalez, Massimo Lanza de Cristoforis, Pier Domenico Lamberti, Roberto Monti.

Website: <http://minicourses.dmsa.unipd.it/>