

Monday, June 4

9:00	Opening
9:05–9:55	FRANÇOIS MURAT, Laboratoire Jacques-Louis Lions, Université Paris VI Existence and a priori estimate for elliptic problems with subquadratic gradient dependent terms
10:05–10:30	GRAHAM SMITH, MPI Leipzig Positive Special Legendrian Submanifolds and Weingarten Problems
10:30–11:00	Coffee break
11:00–11:50	TRISTAN RIVIÈRE, ETH Zurich Analytic aspects of Willmore surfaces
12:00–12:50	GIUSEPPE ROSARIO MINGIONE, University of Parma Calderón-Zygmund estimates around limit cases

Lunch: 13:00

15:00–15.25	DARIA V. ISANGULOVA, Sobolev Institute of Mathematics, Novosibirsk Sharp geometric rigidity on Heisenberg groups
15:35–16:00	ANNA ZATORSKA-GOLDSTEIN, University of Warsaw On a nonlinear fourth order elliptic system with critical growth in first order derivatives
16:10–16.35	GILLES ANGELSBERG, ETH Zürich Large solutions for biharmonic maps in four dimensions

Coffee and cake: 16:35

17:00–17.25	MIKHAIL KOROBKOV, Sobolev Institute of Mathematics, Novosibirsk On necessary and sufficient conditions for a curve to be the gradient range of a C^1 function
17:35–18:00	SIMON BLATT, RWTH Aachen Chord-Arc Condition for Objects of Arbitrary Codimension
18:10–18.35	MARTA SZUMAŃSKA, Technical University of Warsaw Integral energies based on Menger curvature for closed rectifiable curves

Remark: breakfast is served from 8:00 till 9:00, dinner is at 18:45.

Tuesday, June 5

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| 9:00–9:50 | FRANK DUZAAR, University of Erlangen–Nuremberg
Non-linear Parabolic Systems with Polynomial Growth and Regularity |
| 10:00–10:25 | VALENTINO MAGNANI, University of Pisa
Contact equations and Lipschitz extensions |
| 10:25–10:50 | Coffee break |
| 10:55–11:45 | CARLO SBORDONE, University of Naples “Federico II”
The weak limit in $W_{\text{loc}}^{1,1}$ of homeomorphisms with finite distortion |
| 11:55–12:45 | JAN KRISTENSEN, University of Oxford
On the regularity of strong local minimizers |
| Lunch: 13:00 | |
| 15:00–15:25 | AGNIESZKA ŚWIERCZEWSKA–GWIAZDA, University of Warsaw
Lipschitz truncations method for non-Newtonian flows with discontinuous Cauchy stress |
| 15:35–16:00 | JENS HABERMANN, University of Erlangen–Nuremberg
Regularity for minimizers of integral functionals and solutions of elliptic PDE with $p(x)$ growth |
| 16:10–16:35 | PIOTR GWIAZDA, University of Warsaw
Existence of solutions to non-Newtonian flow in generalized Orlicz spaces |
| Coffee and cake: 16:35 | |
| 17:00–17:25 | VISA LATVALA, University of Joensuu
Minimizers of the variable exponent non-uniformly convex Dirichlet energy |
| 17:35–18:00 | PAWEŁ GOLDSTEIN, University of Warsaw
Calderon–Zygmund type estimates for nonlinear systems with quadratic growth on the Heisenberg group |
| 18:10–18:35 | TOMASZ ADAMOWICZ, University of Syracuse
On p-harmonic mappings |
| 18:45–19:10 | DENIS KOVTONYUK, IAMM, Ukrainian National Academy of Sciences
On finitely bi-Lipschitz homeomorphisms |

Remark: breakfast is served from 8:00 till 9:00. In the evening, you are all cordially invited to a *party* dinner at 19:20.

Schedule of talks, GA 2007 (supported by MSCF-CT-2005-029473 and Banach Center)

Wednesday, June 6

9:00–9:50	BERNARD DACOROGNA, Federal Technical University of Lausanne An explicit solution of an implicit PDE: vectorial pyramids and origamis
9:50–10:20	Coffee break
10:20–11:10	LUCA CAPOGNA, University of Arkansas Mean curvature flow in sub-Riemannian setting
11:20–12:10	TADEUSZ IWANIEC, University of Syracuse Invitation to n-harmonic hyperelasticity

Lunch: 12:20

Excursion in the afternoon, immediately after lunch. Please register at the reception desk by Tuesday, 11:00 AM, if you are interested.

Remark: breakfast is served from 8:00 till 9:00. Dinner presumably at 20:00 (after the excursion).

Thursday, June 7

- 9:00–9:50 OLLI MARTIO, University of Helsinki
Reflection principle
- 10:00–10:25 ANDREI POKROVSKII, National Academy of Sciences of Ukraine
Local approximations by solutions of elliptic equations and removable singularities
- 10:25–10:50 Coffee break
- 10:55–11:45 PEKKA KOSKELA, University of Jyväskylä
Generalized dimension distortion under mappings of exponentially integrable distortion
- 11:55–12:45 NICOLA GAROFALO, Purdue University
The stability of embedded minimal surfaces in the Heisenberg group and the Bernstein problem

Lunch: 13:00

- 15:00–15:25 ANNA OCHAL, Jagiellonian University
Nonsmooth Nonlinearities in Contact Mechanics
- 15:35–16:00 HÉLIA SERRANO, University of Castilla–La Mancha
Non-periodic Γ -convergence of quadratic functionals
- 16:10–16:35 WALDEMAR POMPE, Warsaw University
Convex integration and the martingale convergence theorem

Coffee and cake: 16:35

- 17:00–17:25 AGNIESZKA KAŁAMAJSKA, University of Warsaw
Lusin type theorem with convex integration and quasiconvex hulls of sets
- 17:35–18:00 DARIUSZ PĄCZKA, Szczecin University of Technology
Weak and Young measure solutions for hyperbolic initial-boundary value problems of elastodynamics with nonconvex energy in the Orlicz–Sobolev space setting
- 18:10–18:35 MIKA KOSKENOJA, University of Helsinki
Functions preserving plurisubharmonicity under holomorphic mappings

Remark: breakfast is served from 8:00 till 9:00, dinner at 18:45.

Friday, June 8

- 9:00–9:50 PABLO PEDREGAL, University of Castilla–La Mancha
On a variational reformulation of micromagnetics. Results in 2D
- 10:00–10:25 ALBERT CLOP, Universitat Autònoma de Barcelona & Jyväskylän Yliopisto
Beltrami equations with coefficient in the Sobolev space $W^{1,2}$
- 10:25–10:50 Coffee break
- 10:55–11:45 DANIEL FARACO, Universidad Autónoma de Madrid
Quasiconformal mapping and Tartar’s conjecture
- 11:55–12:45 JEAN VAN SCHAFTINGEN, Catholic University of Louvain
 L^1 estimates for vector fields

Lunch: 13:00

- 15:00–15.25 VERENA BÖGELEIN, University of Erlangen–Nuremberg
Higher integrability for weak and very weak solutions of degenerate parabolic systems
- 15:35–16:00 LUIGI D’ONOFRIO, University of Naples “Parthenope”
On weak Hessian determinants
- 16:10–16:35 GIUSEPPINA AUTUORI, University of Florence
Asymptotic stability for nonlinear Kirchhoff systems

Coffee and cake: 16:35

- 17:00–17.25 SERGEY VODOPYANOV, Sobolev Institute of Mathematics, Novosibirsk
Foundations of the geometry of Carnot-Carathéodory spaces and differentiability of mappings
- 17:35–18:00 MARIA KARMANOVA, Sobolev Institute of Mathematics, Novosibirsk
Coarea Formula for Contact $C^{1,1}$ -Mappings of Carnot Manifolds
- 18:10–18.35 EVGENY A. SEVOST’YANOV, Ukrainian National Academy of Sciences
Quasilinear Beltrami Equation
- 18:45–19.10 ANNA FÖGLEIN, University of Erlangen–Nuremberg
Higher integrability of minimizers of functionals with $(2,q)$ -growth in the Heisenberg Group

Remark: breakfast is served from 8:00 till 9:00. If weather permits, there will be a bonfire and a grill party in the palace gardens.

Saturday, June 9

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| 9:00–9:50 | ANDREAS GASTEL, University of Erlangen–Nuremberg
Poly-energies and polyharmonic maps |
| 10:00–10:25 | ALEXANDER EGOROV, Sobolev Institute of Mathematics, Novosibirsk
Self-improving regularity of solutions of an differential inequality with a null Lagrangian |
| 10:25–10:50 | Coffee break |
| 10:55–11:20 | RUSLAN SALIMOV, IAMM, Ukrainian National Academy of Sciences
On ACL-homeomorphisms |
| 11:30–11:55 | MIROSLAV BULÍČEK, Charles University, Prague
Navier-Stokes-Fourier system for incompressible fluids with temperature dependent material coefficients |
| 12:05–12:30 | ANTTI RASILA, Helsinki University of Technology
Canonical domains and p-harmonic functions |

Lunch: 13:00

Last meal for those who stay till the very end: breakfast on Sunday.

Note: If your plan is to depart on day n , please notify the reception desk by lunch on day $(n - 1)$.