

All lectures: IMPAN building, Śniadeckich 8, main lecture hall, third floor

Monday, September 14

- 9:00 Registration
- 10:15–11:15 XAVIER TOLSA, Universitat Autònoma de Barcelona
The Cauchy transform, Menger curvature, and analytic capacity. I
- 11:15–11:45 Coffee break
- 11:45–12:45 GRZEGORZ ŚWIĄTEK, Warsaw University of Technology
Applications of Quasiconformal Maps in Complex Dynamics. I
- Lunch break: 12:45 – 15:15**
- 15:15–16:15 PIOTR HAJŁASZ, University of Pittsburgh
Sobolev mappings between manifolds and metric spaces. I
- 16:30–17:30 **Short talks, session 1**
- 16:30–16:55 VALENTINO MAGNANI, Pisa Univeristy
Tangent distributions and Sobolev surfaces
- 17:00–17:25 OLEKSIY A. DOVGOSHEY, National Academy of Science of Ukraine
Non standard metric productus, metric entropy and ultrametrics

Tuesday, September 15

- 9:15–10:15 XAVIER TOLSA, Universitat Autònoma de Barcelona
The Cauchy transform, Menger curvature, and analytic capacity. II
- 10:15–10:45 Coffee break
- 10:45–11:45 PIOTR HAJŁASZ, University of Pittsburgh
Sobolev mappings between manifolds and metric spaces. II
- 12:00–13:00 GRZEGORZ ŚWIĄTEK, Warsaw University of Technology
Applications of Quasiconformal Maps in Complex Dynamics. II

Lunch break: 13:00 – 15:30

- 15:30–17:30 **Short talks, session 2**
- 15:30–15:55 TOMASZ ADAMOWICZ , University of Cincinnati
 p -Harmonic world meets Quasiregular world
- 16:00–16:25 ALENA KHMELYNITSKAYA , Kazan State University
Some properties of conformal radius surface
- 16:30–16:55 RUSLAN SALIMOV, National Academy of Science of Ukraine
Differentiability of some generalization of quasiconformal mappings
- 17:00–17:25 YEVGEN SEVOSTYANOV, National Academy of Science of Ukraine
ACL property for some generalization of quasiconformal mappings

Wednesday, September 16

- 9:15–10:15 XAVIER TOLSA, Universitat Autònoma de Barcelona
The Cauchy transform, Menger curvature, and analytic capacity. III
- 10:15–10:45 Coffee break
- 10:45–11:45 MICHEL ZINSMEISTER, Université d'Orléans
Planar growth processes. I
- 12:00–13:00 PEKKA KOSKELA, University of Jyväskylä
Planar mappings of finite distortion. I
- Lunch break: 13:00 – 15:30**
- 15:30–16:30 PIOTR HAJŁASZ, University of Pittsburgh
Sobolev mappings between manifolds and metric spaces. III

Thursday, September 17

- 9:15–10:15 MICHEL ZINSMEISTER, Université d'Orléans
Planar growth processes. II
- 10:15–10:45 Coffee break
- 10:45–11:45 XAVIER TOLSA, Universitat Autònoma de Barcelona
The Cauchy transform, Menger curvature, and analytic capacity. IV
- 12:00–13:00 PEKKA KOSKELA, University of Jyväskylä
Planar mappings of finite distortion. II

Lunch break: 13:00 – 15:30

- 15:30–16:30 GRZEGORZ ŚWIĄTEK, Warsaw University of Technology
Applications of Quasiconformal Maps in Complex Dynamics. III
- 16:45–17:45 **Short talks, session 3**
- 16:45–17:10 JÖRN PETER, University of Kiel
On the configuration of Herman Rings for Transcendental Meromorphic functions
- 17:15–17:40 MYKOLA I. MATVIICHUK, National Academy of Science of Ukraine
Entropy of induced systems for one-dimensional dynamics
- 18:00 **Summer School Dinner** at IMPAN cafeteria (everybody is invited)

Friday, September 18

- 9:15–10:15 PIOTR HAJŁASZ, University of Pittsburgh
Sobolev mappings between manifolds and metric spaces. IV
- 10:15–10:45 Coffee break
- 10:45–11:45 MICHEL ZINSMEISTER, Université d'Orléans
Planar growth processes. III
- 12:00–13:00 PEKKA KOSKELA, University of Jyväskylä
Planar mappings of finite distortion. III

Lunch break: 13:00 – 15:30

- 15:30–17:30 **Short talks, session 4**
- 15:30–15:55 DANIEL AALTO, University of Turku
A characterization of weak L^∞ and BMO
- 16:00–16:25 LAURI TAPIO BERKOVITS, University of Oulu
A Calderon-Zygmund decomposition in metric spaces and a John-Nirenberg type inequality
- 16:30–16:55 YURI S. KOLOMOITSEV, National Academy of Science of Ukraine
Approximation of function by trigonometric polynomials with gaps in L^p , $0 < p < 1$
- 17:00–17:25 EUGENE YASHAGIN, Kazan State University
About Gleason parts of a Blaschke algebra

Saturday, September 19

Seminar in the morning.