

ORGANIZING COMMITTEE

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Alexander Plakhov (co-chair)
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SECRETARIAT:

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CONTACTS AND INFORMATION

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<http://minieuro2014.web.ua.pt/>



We announce the **EURO mini-conference on Optimization in the Natural Sciences** which will be held at **University of Aveiro (Portugal)**.

February 5-9 / 2014

Researchers and practitioners working in the areas of **Computer Science / Optimization / Statistics, and Physics / Chemistry / Biology / Medical Sciences** are encouraged to take part in this conference.



CONFERENCE TOPICS

Conference topics include, but are not limited to the following general and more specific areas:

- Analysis of microarray data or next generation sequencing
- Applications of modeling and optimization in physics, biology, chemistry, and medicine
- Billiard theory and applications
- Biomedical engineering
- Design optimization
- Data visualization for optimal decisions
- Image processing
- Infinite and semi-infinite optimization with applications
- Inverse problems
- Linear and nonlinear optimization and applications
- Multi-criteria optimization with applications
- Multi-scale optimization with applications
- Optimal control applied to biological models
- Optimal mass transfer
- Optimization in bioinformatics and computational biology
- Shape optimization
- Solution of optimization problems using statistical methods
- Statistics in high-dimensional data
- Statistical methods and visualization
- Statistical and probabilistic modeling
- Wave scattering

CONFIRMED INVITED SPEAKERS

- **Giuseppe Buttazzo**,
Department of Mathematics,
University of Pisa, Italy,
<http://www.dm.unipi.it/pages/buttazzo/>
- **Sergey Tabachnikov**,
Department of Mathematics, Pennsylvania State
University USA,
<http://www.math.psu.edu/tabachni/>
- **Leonid Bunimovich**,
Georgia Institute of Technology, Atlanta, USA,
<http://people.math.gatech.edu/~bunimovh/>
- **Michael Greenacre**,
Department of Economics and Business at the
University Pompeu Fabra,
Barcelona, Spain,
<http://www.barcelonagse.eu/faculty.php?id=118>
- **Gueorgui Smirnov**
Department of Mathematics and Applications,
University of Minho, Portugal),
<http://intranet.uminho.pt/4881.page>
- **Aleksander Dudin**
(Belarusian State University, Belarus),
<http://www.apa.bsu.by/>



Please visit
<http://minieuro2014.web.ua.pt/>
for more information

IMPORTANT DATES

Deadline for abstract submission
15/11/2013

Notification of acceptance
30/11/2013

**Deadline for registration fee payment for
inclusion to the abstract book**
15/01/2014

REGISTRATION FEES

- Regular early (up to 7/12/2013): 285 Euros
- Regular late (up to 15/01/2014): 360 Euros
- Student early (up to 1/12/2013): 150 Euros
- Student late (up to 15/01/2014): 200 Euros
- Accompanying person: 50 Euros

SPECIAL ISSUE:
Papers presented at EURO
mini 2014 will be considered for
peer-reviewed publication in a
special issue of *Optimization*