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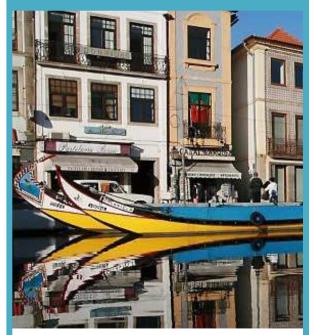




We announce the EURO mini-conference on Optimization in the Natural Sciences which will be held at University of Aveiro (Portugal).

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*