SMTDA 2014

International Conference on

Stochastic Modeling Techniques and Data Analysis

11 - 14 June 2014 Lisbon Portugal   www.smtda.net

The main goal of the 3rd Stochastic Modeling Techniques and Data Analysis International Conference (SMTDA2014) is to promote new methods and techniques for analyzing data, in fields like stochastic modeling, optimization techniques, statistical methods and inference, data mining and knowledge systems, computing-aided decision supports, neural networks and chaotic data analysis.
SMTDA aims at bringing together people from both stochastic and data analysis areas. Special attention is given to applications or to new theoretical results having potential of solving real life problems.
As it was decided by the Conference Committee during the SMTDA 2012 meeting of 7 June 2012 in Chania, Greece the next SMTDA2014 will be held in Lisbon, Portugal, June 11 - 14, 2014.
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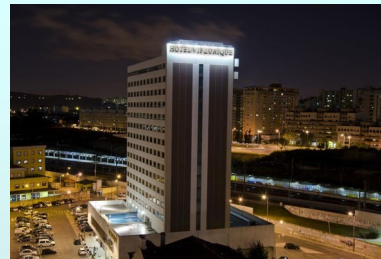SMTDA2014 is sponsored by the ASMDA International Society.

Methodological approaches

Poisson, Markov, semi-Markov processes,
Point processes,
Martingales, Stochastic calculus,
Random evolutions,
Decision and Controlled Processes,
Diffusion and Poisson approximations,
Asymptotic models and Weak Convergences,
Statistical inference for Stochastic processes ,
Hidden Markov and semi-Markov processes,
Fitting models for data,
Reliability and survival analysis,
Bayesian inference,
Functional data analysis,
Discriminant and Regression Analysis,
Mixture model and Probabilistic approach to Clustering,
Analysis of complex data (incomplete, censored, missing,
spatio-temporal, imprecise, fuzzy,...),
Theories of uncertainty,
Graphical models and Bayesian networks,
Chaotic and Stochastic processes,
Analysis of Chaotic processes.
Multidimensional Scaling and Multi-way Data Analysis,
Sensory Analysis,
Classification and Documentation,
Data and Text Mining

Special techniques and algorithms

Neural Networks,
Genetic and Fuzzy Algorithms,
Support Vector Machine,
Monte Carlo Methods,
Chaotic Simulation.

Conference Location

VIP HOTELS

Hotel VIP Zurique

Rua Ivone Silva 18, Lisbon Portugal

Papers and Presentations

Conference presentations would be Theoretical and Technical papers, Case studies, Applications, Collaborative projects targeted at a wide range of audiences.
Particular attention will be given to interesting applications in engineering, productions and services (maintenance, reliability, planning and control, quality control, finance, insurance, management and administration, inventory and logistics, marketing, environment, human resources, biotechnology, medicine, ...).

Also we encourage special session and workshop (more than 2 sessions) proposals.
Submit a Proposal for a session or a workshop to secretariat@smtda.net

Proposals must include the following information:
- Proposed title
- One to two paragraph abstract
- Name(s) and contact information for the chairman and the committee (in the case of a workshop)

Publications of SMTDA2014 Conference papers

The publications of the conference include
— The Book of Abstracts in Electronic and in Paper form
— Electronic Proceedings in CD and in the web in a permanent website
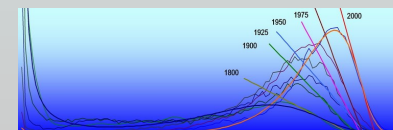— Publication of the best papers in Books or Journals

Contact:
Email: secretariat@smtda.net
Website: http://www.smtda.net

Demographics 2014

ASMDA Sponsoring

SMTDA 2014

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