7th International Conference on
Sensitivity Analysis
of Model Output

July 1-4, 2013 — Nice, France
University of Nice, Valrose Campus

www.gdr-mascotnum.fr/mascot13.html

Submission deadline
December, 21th, 2012

Scope :

Modelling activities are steadily increasing in all scientific disciplines, ranging from financial to environmental assessments. Sensitivity Analysis is crucial both in the modeling phase and in the interpretation of model results. It contributes to model development, model calibration, model validation, reliability and robustness analysis, decision-making under uncertainty, quality-assurance, and model reduction.

SAMO conferences are devoted to advances in research on sensitivity analysis methods and their interdisciplinary applications, they are held every third year. The aim of the conference is to bring together researchers involved in the development and improvement of methods and strategies and users of sensitivity analysis in all disciplines of science, including physics, operations research, chemistry, biology, nanotechnology, engineering, environmental science, nuclear and industrial safety, economics and finance, etc.

Keynote speakers :

Jacques Blum (Nice University/Lab. J.A. Dieudonné)
Back and Forth Nudging for data assimilation in geophysics
Dick Den Hertog (Tilburg University, the Netherlands)
Robust optimization using computer experiments
Holger Dette (Bochum University, Germany)
Design for linear models with correlated observations
Fabrice Gamboa (Institut Mathématique de Toulouse, France)
Fast and Sobol Pick Freeze methods in the Costa Brava sauce
Silvio Funtowicz (Bergen University, Norway)
Models of science and policy