

9th International Conference on Sensitivity Analysis of Modelling Output

Castelldefels (Barcelona), 28 – 30 October 2019



UNIVERSITY OF BERGEN



How far is the venue in Castelldefels?

- by train 20 mins from Barcelona Sants/25 mins from Barcelona Passeig de Gràcia + 15 mins walking (35/40 minutes)
- train frequency: every 10 minutes



Contributions are welcome on

- sensitivity analysis in all disciplines of science, including physics, operations research, chemistry, biology, nanotechnology, engineering, environmental science, nuclear and industrial safety, economics and finance, and many others.
- Uncertainty analysis, decision-making under uncertainty, modelling, model calibration, model development, model output, model reduction, model validation, Monte Carlo methods, quality assurance, reliability and robustness analysis

Key-note speakers



- (moment independent) Sensitivity Analysis
- Risk Analysis
- Decision Analysis
- Uncertainty Quantification

Emanuele Borgonovo

Department of Decision Sciences,
Bocconi University, Milan, Italy

Key-note speakers



Paul Constantine

University of Colorado,
Boulder, United States

- Parameter Reduction
- Uncertainty Quantification
- Computational Science
- Engineering Models

Key-note speakers



- Large-scale computational model
- Bayesian approaches
- Physical systems modelling
- Social systems modelling

David Higdon

Social Decision Analytics Laboratory,
Biocomplexity Institute of Virginia Tech,
United States

Key-note speakers



- Probabilistic and statistical approaches
- Meta-modelling
- Computer experiments
- Nuclear safety

Amandine Marrel

French Alternative Energies and
Atomic Energy Commission,
Cadarache, France

Key-note speakers



Giray Ökten

Florida State University,
Tallahassee, United States.

- Monte Carlo and quasi Monte Carlo methods
- Computational finance
- Stochastic methods
- Methods for uncertainty quantification

Dates to keep in mind

- Abstract submission closing date: **6 April 2019**
- Registration closing date: **1 July 2019**
- Event dates: **28 - 30 October 2019 (three full days)**

Venue capacity and registration fees



- Full fee: 300 €
- Reduced fee (PhD students): 100 €

120 participants

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More info:

<http://symposium.uoc.edu/go/samo2019>

**Looking forward to
seeing you there!**

