# 9th International Conference on Sensitivity Analysis of Model Output

## Castelldefels (Barcelona), 28 – 30 October 2019

OPEN EVIDENCE

UNIVERSITY OF BERGEN

#SAMO_2019

# 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



- Parameter Reduction

- Uncertainty Quantification

- Computational Science

- Engineering Models

**Paul Constantine**
University of Colorado, Boulder, United States

# 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



**120 participants**

- Full fee: 300 €

- Reduced fee (PhD students): 100 €

# 9ᵗʰ International Conference on Sensitivity Analysis of Model Output

**Castelldefels (Barcelona), 28 – 30 October 2019**

More info:

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

**Looking forward to seeing you there!**



#SAMO_2019