Wednesday Schedule

Chair: Prof. D. Val.

Keynote presentation by **Professor M. Stewart**

Probability Neglect, Risk and Public Policy for Extreme Events: What Killer Figs, Terrorism and Climate Change Have in Common?

Keynote presentation by **Professor A. O'Connor**

Risk, Robustness and Resilience Assessment of Bridges

Wednesday Afternoon – 13:20	
Room 1	**Room 2**
Chairs: S. Geyer and Dr T. Chatterjee	Chairs: Prof. M. Haslbeck and Dr K. Breitung
Unsupervised local cluster-weighted bootstrap aggregating the output from multiple stochastic simulators	*Screening methods to reduce complex models of existing structures*
Stochastic Response of Assembled Systems Using Concepts of Domain Decomposition	*SORM, Subset Simulation and Simulated Annealing*
A Parametric State-Space Model for Time-Dependent Reliability Analysis	*Just in time reliable scheduling*
Reliability Analysis of Hydraulic Structures with the Spatial Averaging Approach	*Reliability analysis for a polymorphic uncertainty model of heterogeneous materials using a domain decomposition approach*
Parameter uncertainties in flood hazard analysis of heavy rain events	*Mixed aleatory-epistemic uncertainty quantification and sensitivity analysis*
Probabilistic Assessment of Scaling For Sub-surface Wells	*Scheduling of maintenance interventions based on network reliability*