

Schedule: The 42nd Risk, Hazard & Uncertainty Workshop

Wed 22/6/2016

All day Arrival & Welcome

Thu 23/6/2016

09:30	10:00 U.R. Garbaggio, NTU, Argentina	Maybe [Keynote]
10:00	10:20 I. Iervolino, U. Napoli, Italy	Easter eggs in probabilistic seismic hazard analysis
10:20	10:40 T. Lin, Marquette Univ., USA	Multi-hazard sustainability: From seismic to sea-level rise uncertainties
10:40	11:00 P. Bazzurro, U. Pavia, Italy	Beyond simple scalar ground motion intensity measures for seismic risk assessment
11:00	11:20 F. De Luca, U. Bristol, UK	Human-induced earthquakes: an opportunity to seek stakeholders' attention on energy-based and cumulative damage in PBEE
11:20	11:40 Coffee Break	
11:40	12:00 K. Goda, U. Bristol, UK	New scaling relationships of earthquake source parameters for stochastic tsunami simulations
12:00	12:20 D. Assimaki, Caltech, USA	On seismic waves and convex features: Topography effects and their nonlinear dependence on soil layering
12:20	12:40 N. Gerolymos, NTUA, Greece	Macroelement modelling of deep foundations: Conceptual Issues
12:40	13:00 G. Mylonakis, U. Bristol, UK	Pile size limitations in seismic regions
13:00	13:20 A. Giaralis, City Univ., UK	Accounting for non-stationary frequency content in Earthquake Engineering: Can wavelet analysis be useful after all?
13:20	13:40 R. De Risi, U. Bristol, UK	Bayesian tsunami fragility modeling considering input data uncertainty
13:40	13:50 C. Adam, U. Innsbruck, Austria	Reliability assessment of uncertain railway bridges crossed by high-speed trains
13:50	14:00 G. Baltzopoulos, U. Napoli, Italy	SPO2FRAG V1.0: Software for pushover-based derivation of seismic fragility curves
14:00	14:20 S. Tesfamariam, UBC, Canada	Multi-hazard risk assessment of oil & gas pipelines
14:20	16:20 Working Lunch	
16:20	17:30 Free discussion	
20:30	Workshop Dinner	Taverna "Psaropoula" (http://psaropoula.org/index.php/en/)

Fri 24/6/2016

09:40	10:00 A. Sextos, U. Bristol, UK	Real-time seismic risk of intercity highway networks
10:00	10:20 T. Haukaas, UBC, Canada	A direct approach for modelling transportation networks before and after earthquakes
10:20	10:40 F. Zareian, UC Irvine, USA	Seismic response of typical highway bridges in California to component modeling and characteristics
10:40	11:00 E. Dimitrakopoulos, UST, Hong Kong	On the safety of high-speed trains running on bridges during earthquakes
11:00	11:20 D. Lignos, EPFL, Switzerland	Effect of gravity framing on earthquake-induced losses and collapse risk of steel frame buildings in seismic regions
11:20	11:40 Coffee Break	
11:40	12:00 P. Franchin, U. Rome, Italy	Analytical uniform hazard floor response spectra for the design of acceleration sensitive non structural components
12:00	12:20 C. Adam, U. Innsbruck, Austria	Response spectrum analysis for peak floor acceleration demands in earthquake excited structures
12:20	12:40 A. Kanvide, UC Davis, USA	Probabilistic fracture mechanics based design of seismic column splices: experiments, theory, and design provisions
12:40	13:00 F. Jalayer, U. Napoli, Italy	Cloud Analysis revisited again: What should we do with the "collapse" cases?
13:00	13:20 M. Fragiadakis, NTUA, Greece	Seismic response assessment of rigid block structures subjected to near-source ground motions
13:20	13:40 K. Beyer, EPFL, Switzerland	Reducing uncertainty in the assessment of masonry buildings by moving from empirical models to mechanical models
13:40	14:00 M. Kosič & Z. Sebenik, U. Ljubljana, Slovenia	Design of structures for tolerable seismic risk using non-linear methods of analysis
14:00	14:20 D. Vamvatsikos, NTUA, Greece	Site dependence and record selection schemes for building fragility and regional loss assessment
14:20	16:20 Working Lunch	
16:20	17:30 Free discussion	

Sat 25/6/2016

10:00 16:00 Site visit: Geology of Hydra