

SECED Young Researcher's Conference  
July 4 2013  
Preliminary Programme

Time	Event	Speaker
9:15-9:45	Registration and Coffee	
09:45-10:00	Welcome and Introduction	Sean Wilkinson
10:00-10:40	Keynote address: The role of reconnaissance in understanding earthquakes: lessons from the field and future directions for research	Tiziana Rossetto: UCL
10:40-11:25	Seismic performance of residential wood-frame buildings in south-western british columbia considering mainshock-aftershock sequences	Mohammad Reza Salami
	Seismic reliability of reinforced concrete bridge columns based on local and global damage approaches	Mohamed Benamer
	Preliminary probabilistic seismic risk analysis for 3-d seismically protected nuclear power plants	Carlos Medel-Vera
11:25-11:45	Coffee	
11:45-13:00	Analytical and experimental observations on vibration modes of flexible rocking structures	Sinan Acikgoz
	An experimental investigation of tuned mass dampers on the seismic response of a multi-storey structure	Raz Jabary
	Seismic design, modelling and assessment of self-centering steel frames using post-tensioned connections with web hourglass shape pins	Athanasios Dimopoulos
	Performance-based seismic design procedure of self-centering steel frames with fuse-post-tensioned bars and viscous dampers	Angelos Tzimas
13:00-14:00	Lunch and Posters	
14:00-14:40	Keynote address: The role of analysis in earthquake engineering practice	Damian Grant: ARUP
14:40-15:25	Dynamic response of saturated fibre-reinforced sand	Ke Wang
	Experimental investigation of earthquake – induced liquefaction in loose and dense sand layers	Orestis Adamidis
	Structural health monitoring of civil infrastructure using wireless sensor networks	Nicky deBattista
15:25-15:45	coffee	
15:45-16:30	Calibration and comparison of nonlinear response history analyses results with observed structural damage in an apartment building in chile	Silvia Bolanos-Castro
	The effect of directionality of ground motion on moment resisting space frame models	Sam Ghazizadeh
	A displacement-based seismic design procedure for dual systems equipped with hysteretic fuses	Hector Gurrero
16:30	Finish	