

MUMOLADE workshop - Timetable

	Monday 10/6	Tuesday 11/6	Wednesday 12/6	Thursday 13/6	Friday 14/6	Saturday 15/6	Sunday 16/6	Monday 17/6	Tuesday 18/6
09:00-09:30	<u>Prof Hai-Sui Yu</u> Welcome - workshop's kick-off								
09:30-11:00	<u>Prof Ugur Tuzun / Dr Paul Langston</u> ; <i>History and Model Developments: Continuum vs. Discrete (Statistical) Mechanics - Multi-Scale Modelling of Granular Systems: Science to Engineering (Part 1)</i>	<u>Dr Elisabeth Bowman</u> ; <i>1g physical modelling of laboratory-scale granular debris flows</i>	<u>Dr Nico Gray</u> ; <i>Shock waves in granular avalanches</i>	<u>Dr Barbara Turnbull</u> ; <i>Experimental approaches to debris flow dynamics</i>	<u>Prof Dave Pettley</u> ; <i>Landslide impacts</i>			<i>Fellows' presentations</i>	<u>Dr Jane Wellens</u> ; <i>Skills training: writing a publication</i>
11:00-11:30	Coffe Break	Coffe Break	Coffe Break	Coffe Break	Coffe Break			Coffe Break	Coffe Break
11:30-13:00	<u>Prof Ugur Tuzun / Dr Paul Langston</u> ; <i>Multi-Scale Modelling of Granular Systems: Science to Engineering (Part 2) - Demonstrations with Animations and Simulation Examples: Nano-Formulations to Avalanches</i>	<u>Dr Elisabeth Bowman</u> ; <i>Geotechnical centrifuge modelling of debris flows: advantages and challenges</i>	<u>Dr Nico Gray</u> ; <i>Particle size segregation and levee formation in granular free-surface flows</i>	<u>Dr Barbara Turnbull</u> ; <i>Laboratory visit</i>	<u>Prof Dave Pettley</u> ; <i>Understanding landslide movement</i>			<i>Fellows' presentations</i>	<u>Dr Jane Wellens</u> ; <i>Skills training: writing a publication</i>
13:00-14:00	Lunch	Lunch	Lunch	Lunch	Lunch			Lunch	Lunch
14:00-15:30	<u>Prof David Toll</u> ; <i>Climate effects on slopes: field observations - Advances in Testing Unsaturated soil</i>	<u>Dr Mike Clare (EUGRO UK)</u> ; <i>Identification, classification and characterisation of offshore landslides and runout</i>	<u>Dr Shiva P. Pudasaini</u> ; <i>Advanced modelling of two-phase debris flows</i>	<u>Dr Jan-Thomas Fischer</u> ; <i>Snow avalanche simulation: different modeling approaches and their evaluation</i>	<u>Prof Simon Wheeler</u> ; <i>Coupling of mechanical and water retention behaviour in unsaturated soils</i>			<i>Fellows' presentations</i>	<u>Dr Jane Wellens</u> ; <i>Skills training: Making successful research funding applications</i>
15:30-16:00	Coffe Break	Coffe Break	Coffe Break	Coffe Break	Coffe Break			Coffe Break	Coffe Break

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16:00-17:30	<u>Dr Matthew Free (ARUP);</u>	<u>Dr David Rushton (FUGRO UK); Site-wide predictive slope stability assessment</u>	<u>Dr Shiva P. Pudasaini; Full dimensional and multi-scale modelling of landslides and avalanches</u>	<i>Visit to the geotechnical laboratory and the geotechnical centrifuge - fellows meeting and discussion</i>	<u>Prof Simon Wheeler; Coupling of mechanical and water retention behaviour in unsaturated soils</u>	<u>Prof Y.T. Feng; Coupled DEM and Lattice Boltzmann methods</u>	<u>Prof Wei Wu/Prof Hai-Sui Yu; Skills training: Discussion with the experts - <u>Workshop closure</u></u>
Venue	Jubilee Campus - Meeting Room 7	Jubilee Campus - Meeting Room 7	Jubilee Campus - Meeting Room 7	University Park - School of Engineering, Pope building C18	University Park - School of Engineering, Pope building C18	Jubilee Campus - Meeting Room 7	Jubilee Campus - Meeting Room 7
				20:00 Event dinner			