

Schedule SIG Granular Flows

Thursday, March 30th, 2017

- From noon: Arrival, welcome
- 12.30pm: Lunch
- 1.30 – 2.45pm: Presentations 1
- 2.45 – 3.15pm: Break-out session 1
- 3.15 – 3.30pm: Feedback 1
- 3.30 – 4pm: Tea/coffee
- 4 – 5.15pm: Presentations 2
- 5.15 – 5.45pm: Break-out session 2
- 5.45 – 6pm: Feedback 2
- 7.30pm: Dinner at Newnham College Main Dining Hall

Friday, March 31st, 2017

- 9 – 10.15am: Presentations 3
- 10.15 – 10.45am: Break-out session 3
- 10.45 – 11am: Feedback 3
- 11 – 11.30am: Tea/coffee
- 11.30am – 1pm: Presentations students/postdocs
- 1 – 2pm: Lunch
- 2 – 3pm: GK Batchelor laboratory tour (optional)
- 3 – 3.30pm: walk from DAMTP to Schofield Centre (optional)
- 3.30 – 4.30pm: Schofield Centre tour (optional)

Presentations 1:

- 1.30pm --- Eliza Calder: pyroclastic flows and volcanic mass flows
- 1.42pm --- Mehrdad Manzari: debris flows created by landslides
- 1.54pm --- Jo Nield: Aeolian dune dynamics
- 2.06pm --- Lis Bowman: landslide mechanics, slope stability
- 2.18pm --- Chris Johnson: granular processes in avalanches, debris and turbidity currents
- 2.30pm --- Michael Swift: granular mechanics

Presentations 2:

- 4.00pm --- Ivo Peters: jamming, suspensions
- 4.12pm --- Sean Lovett: particle rheology
- 4.24pm --- Giovanna Biscontin: experimental soil mechanics
- 4.36pm --- Peter Thomas: granular acoustics, column collapses
- 4.48pm --- Andrew Bayley: powders and spraying
- 5.00pm --- Antonis Zervos: railway ballast, landslides

Presentations 3:

- 9.00am --- Jin Sun: constitutive models for granular materials
- 9.12am --- Stefanos Papanicolopoulos: continuum mechanics of granular materials
- 9.24am --- Stuart Dalziel: particle suspensions, granular dynamics
- 9.36am --- John Royer: Granular physics, rheology of dense suspensions
- 9.48am --- Esther Sumner: sedimentation, turbidity currents
- 10.00am --- Alan Cuthbertson: mixed sediment transport

Presentations 4:

- 11.30am --- Chris Ness
- 11.42am --- Jonny Tsang
- 11.54am --- Lorenzo Conti
- 12.06pm --- Paul Jarvis
- 12.18pm --- Madhu Murthy
- 12.30pm --- Naresh Sampara
- 12.42pm --- Amalia Thomas
- 12.54pm --- Krishna Kumar

Breakout session 1:

- Group 1: guided by Eliza Calder & Mehrdad Manzari
- Group 2: guided by Jo Nield & Lis Bowman
- Group 3: guided by Chris Johnson & Michael Swift

Breakout session 2:

- Group 1: guided by Ivo Peters & Sean Lovett
- Group 2: guided by Giovanna Biscontin & Peter Thomas
- Group 3: guided by Andrew Bayley & Antonis Zervos

Breakout session 3:

- Group 1: guided by Jin Sun & Stefanos Papanicolopoulos
- Group 2: guided by Stuart Dalziel & John Royer
- Group 3: guided by Esther Sumner & Alan Cuthbertson