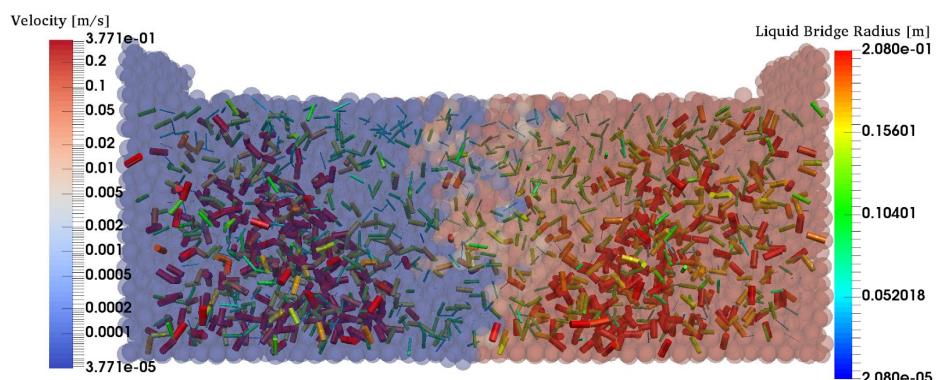


Imaging the interstitial liquid in wet granular media

Many important real life applications depend on the mechanical properties of wet granular media. Examples include rain-induced landslides, pharmaceuticals, food processing, mining and construction industries. To properly model this material we the distribution of the interstitial liquid will be determined using either [fluorescence microscopy](#) or [X-ray tomography](#).



Figures: Top: Wet granular material in a split-bottom shear shell.
Bottom: Distribution of liquid bridges in simulation of the above shear cell,
assuming only pairwise liquid bridges form.

Supervised by: T Weinhart, AR Thornton

