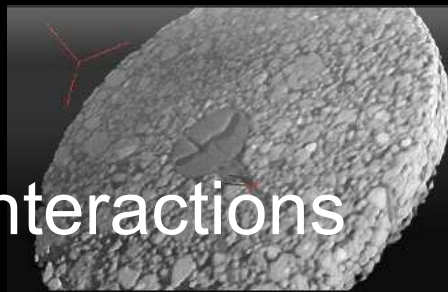


PhD Studentship Visualizing Root-Particle Interactions



The offered studentship, based in Scotland, is an exciting fundamental project, funded for 3 years, to explore non-invasive approaches to imaging the mechanisms of plant root growth in granular media. The student will develop and investigate a novel experimental system combining growth media, small glass/plastic beads and 3D imaging systems to obtain 4D datasets of root and particle dynamics.

We offer:

- * Cutting edge imaging equipment (μ CT scanners, OPT and CLSM)
- * Friendly and dynamic research team
- * An exciting international working and living environment
- * Competitive tax-free stipend

We expect:

- * Good Honours degree in biological, physical or engineering sciences
- * Interest in interdisciplinary research, imaging & visualization
- * Inquisitiveness, motivation and creativity

Further details:

Contact: lionel.dupuy@scri.ac.uk or D.Grinev@abertay.ac.uk

SCRI: <http://www.scri.ac.uk/research/epi/resourcecapture/plantmodelling>

SIMBIOS: <http://simbios.abertay.ac.uk/>