

# UCT Research Contracts & Innovation

## SEMINAR

Thursday, 12<sup>th</sup> April 2018  
Time: 10h30 to 11h30



**Research & Innovation  
Seminar Room**

**UCT Research Contracts  
and Innovation  
2 Rhodes Avenue  
Mowbray**

**Limited spaces –  
free bookings**

[bianca.daniels@uct.ac.za](mailto:bianca.daniels@uct.ac.za)

**Free Parking: Shoprite  
Roof directly opposite.**

### **Opportunities for Workflow Tools to Improve Translation of Research into Impact**



Dr Paul Cleary (BSc (Hons), PhD, FTSE) is a Chief Research Scientist at CSIRO Data61 (Australia). Paul is recognized as a leader in the development and application of novel computational methods for the prediction of the behaviour of physical systems.

He has pioneered the development and commercial usage of particle methods, such as DEM and SPH, at CSIRO over the last 25 years. His research interests are focused on their further development and application for industrial, geophysical and biophysical applications and the development of the Workspace framework to support the commercialisation of IP and software tools developed in a research environment.

Current applications of this particle modelling include simulation of rock and slurry flow in mills, modelling of elite aquatic sports and human oral digestion. The Workspace initiative, which he leads, is aimed at providing a platform to improve the translation of research or prototype software into distributable quality products.