



# Statistical Design and Analysis in Data Science

Thursday, 7 November 2019  
Port Jackson Room, Novotel Sydney Central, Sydney

## Presenters and Topics

Distinguished Professor **Noel Cressie**, University of Wollongong: *False Discovery Rates to Detect Signals from Incomplete, Spatially Aggregated Data.*

Distinguished Professor **Peter Diggle**, University of Lancaster: *Statistics: a data science for the 21st century.*

**Sezim Dzhumasheva**, Australian Bureau of Statistics: *Improving Census occupancy determination: the potential of administrative data for Census.*

Dr **Ali Eshragh**, University of Newcastle: *Efficient Leverage Score-based Sampling for Analysis of Big Time Series Data.*

**Johnny Keane**, Vodafone: *Advanced Analytics in Telco.*

Dr **Ian Renner**, University of Newcastle: *How to get the best out of your data with species distribution modelling.*

**Summer Wang**, Australian Bureau of Statistics: *Using Predicted Response Propensities with the Random Forests Method to Direct a Responsive Intensive Follow-up Strategy.*

Dr **Virginia Whewey**, Theiss: *How does Data Science play out in Industry and what skills are we looking for?*

Dr **Andrew Zammit-Mangion**, University of Wollongong: *Multi-Scale Process Modelling of Massive Spatial Datasets.*



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