

## **SPRU Training Course: Innovation Policy in a Changing Global Context**

**18–22 June 2018**

### **Day 2: Network Analysis and Data Visualisation**

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In the era of Big Data and Data Science, analysts benefit from easier and faster access to large and diverse sources of data on various socio-economic phenomena (e.g. social media, migration, funding). A considerable challenge remains, however: making sense of these large amounts of data. Network analysis is a fundamental methodology that enables the identification of structures and patterns in data with measures and effective visualisations, thus favouring interpretations for analytical and policy purposes.

This session will introduce participants to qualitative and quantitative approaches to analysing network data and to the basic principles of generating effective infographics based on data. The session will be computer-based: the participants of the session will receive training on how to perform network analysis and produce network visualisations using various software packages (such as Gephi and R-statistics).

