Networks & Natural Language Processing. (Ref. SoSS-2020-012)
Supervisory team: Prof. Gareth Peters & Dr Dimitris Christopoulos

We invite applications by scholars who are interested in working at the interface of statistical data science, network science and machine learning. Natural Language Processing and sentiment analysis models are extensively used in a variety of possible application domains, such as sentiment-based trading models, portfolio analysis via sentiment, sentiment causal processes, decision making via sentiment analysis, index asset labelling, bond prospectus analysis and extreme sentiment models. Candidates are invited to submit a proposal in a cogent area. Successful candidates should be familiar with programming languages such as R or Python and demonstrate familiarity with at least one of the following areas:

- Natural language processing
- Graphical networks and network science
- Generalized linear models and regression modelling
- Sentiment analysis

For informal enquiries, please contact Prof. Gareth Peters (g.peters@hw.ac.uk) or Dr Dimitris Christopoulos (d.christopoulos@hw.ac.uk)

When submitting your application for this project area, please select the option ‘Management, PhD’ from the drop-down list on the online application system.