

# Experimental Design for **Big Data**

8 MAY 2015

The amount and quality of information extracted from data is strongly determined by how they were collected. Quoting R.A. Fisher: "To consult the statistician after an experiment is finished is often merely to ask him to conduct a post-mortem examination. He can perhaps say what the experiment died of." Unfortunately, careful design of Big Data collection seems to have been largely overlooked. We aim to discuss current challenges and review some successful approaches in a variety of fields, including efforts to combine clinical trials with personalized medicine, signal acquisition, astronomy and online data collection.

## Speakers

**Matthias Seeger** (Amazon, Zurich)

**Yuan Ji** (Director of Biomedical Studies, NorthShore University Health System and Dept. of Health Studies, The University of Chicago)

**Andrew Liddle** (Institute for Astronomy, University of Edinburgh)

**Fehmi Ben Abdesslem** (SICS Swedish ICT, Sweden)

**Camille Stephan-Otto Attolini**  
(IRB Barcelona, Spain)

For more information please visit:

[www.warwick.ac.uk/wdsi/events/yobd](http://www.warwick.ac.uk/wdsi/events/yobd)