



## **SYMPOSIUM**

# **MACHINE LEARNING: FORMULATING AN INNOVATION POLICY FOR THE 4<sup>TH</sup> INDUSTRIAL REVOLUTION**

**11<sup>th</sup> July 2016**

**Foresight Centre, The Chapel**

**University of Liverpool**

**1030-1615**

## **AGENDA**

10:30 – 11:00 Coffee and Registration

11:00 – 11:15 Welcome And Opening Address: J Savirimuthu, Machine Learning: Sensors. Cognition. Action.

11:15 – 12:30 **Session 1**

Provocation: “Machine Learning: The Next Step on the Path to Ethical Life or to Nihilism?” Dr Nolen Gertz, Assistant Professor of Applied Philosophy (Department of Philosophy, University of Twente).

**Panel: Dr Paul Hepburn (Heseltine institute for Public Policy and Practice, University of Liverpool), Mr Joseph Savirimuthu (School of Law and Social Justice, Centre for Autonomous Systems Technology, University of Liverpool), and Dr Jeyan Thiyagalingam (School of Electrical Engineering, Electronics and Computer Science, University of Liverpool).**

**1215-1245 REFLECTIONS: 'BRAVE NEW WORLD? HOW TO AVOID DYSTOPIA'  
MR CHRISTOPHER GRAHAM, INFORMATION COMMISSIONERS OFFICE (UK)**

12:45 – 13:30 Lunch (Sandwiches)

13:30 – 14:30 **Session 2**

**PROFESSOR RONALD LEENES**  
**TILBURG INSTITUTE FOR LAW, TECHNOLOGY, AND SOCIETY, TILBURG**  
**UNIVERSITY**

**Panel: Dr Nolen Gertz (University of Twente), Dr Faridun Sattorov (Independent, Centre for Autonomous Systems Technology, External Collaborator), Mr Joshua Hughes (Law Department, University of Lancaster), Dr Paul Hepburn (Heseltine institute for public Policy and Practice, University of Liverpool)**

14:30 – 14:45 Coffee

14:45 – 15:45 **Session 3** ‘Machine Learning: challenges for innovation and regulation’

Provisional Speaker: NESTA --- Lessons from Machine Learning Project and Innovation Policy

**Group Panel: Professor Steve Fuller (Department of Sociology, University of Warwick), Dr Nolen Gertz (University of Twente), Dr Faridun Sattorov (Independent, Centre for Autonomous Systems Technology, External Collaborator), Dr Christopher Till, School of Social Sciences, Leeds Beckett University,**

15:45 – 16:15 Wrap Up and Next Steps: Building a Liverpool Hub  
Reflections: Representatives from Liverpool Geek Girls (Merseyside), and NESTA Innovation Charity