



CFI 2017 programme:

## **AI: MYTH AND REALITY - 13 July 2017**

### 9:30 **The Story So Far...**

- Dr Stephen Cave: Welcome
- Dr Beth Singler: Images of AI
- Dr Claire Craig: Lessons learned from other technologies

### 10:00 **Sci-Fi Dreams** (Chair: Dr Adrian Currie)

How visions of the future are shaping the development of intelligent technology.

- Dr Sarah Dillon and Jennifer Schaffer-Goddard (Cambridge)
- Professor Jon Crowcroft (Cambridge)
- Professor Alan Winfield (Bristol Robotics Lab)

11:15 Coffee

### 11:45 **Truth Through Fiction** (Chair: Dr Beth Singler)

How the arts and the media help us to explore the challenges and opportunities of AI.

- Professor Murray Shanahan (Imperial/DeepMind)
- Luba Elliott (Curator)
- Cassian Harrison (BBC4)

13:00 Lunch

### 14:00 **Metal People** (Chair: Professor Huw Price)

How we perceive intelligent robots and why.

- Dr Sabine Hauert (Bristol)
- Dr Hatice Gunes (Cambridge)
- Ben Russell (Science Museum)

15:15 Coffee

### 15:40 **Good Myths and Bad** (Chair: Dr Anna Alexandrova)

How do portrayals of AI diverge from reality and what impact does that have.

- Professor Neil Lawrence (Sheffield/Amazon)
- Professor David Alan Grier (George Washington University)
- Professor Stuart Russell (Berkeley)

17:00 End

19:00 Conference Dinner: College Hall, Sidney Sussex College, Sidney Street



## TRUST IN THE AGE OF INTELLIGENT MACHINES - 14 July 2017

9:15 Welcome: Dr Adrian Weller and Dr Julian Huppert

9:30 **Trust and Policy in the Age of Intelligent Machines** (Chair: Dr Adrian Weller)  
What role will public policy play in calibrating our trust in AI, and managing the disruption it will bring?

Keynote: Rt Hon. Matt Hancock (Minister for Digital and Culture)

Panel: Dr Claire Craig (Royal Society)  
Christina Demetriades (Accenture)  
Matthew Postgate (BBC)

10:45 coffee

### 11:00 **Trust and Trustworthiness**

Keynote: Baroness Onora O'Neill (Cambridge)

In conversation: Dr Julian Huppert (Cambridge)

### 11:50 **Trust and Ethics** (Chair: Dr Stephen Cave)

For intelligent machines to be trustworthy, they must act in line with our values. But how can we teach a machine right from wrong?

Speakers: Professor Francesca Rossi (IBM/Padua)  
Professor Alan Winfield (Bristol Robotics Lab)  
Professor Stuart Russell (Berkeley)

13:00 Lunch

### 14:00 **Trust and Understanding** (Chair: Professor Zoubin Ghahramani)

In order to trust machines, we must understand the decisions they make and the risks they pose. But this presents both psychological and technological challenges.

Keynote: Sir David Spiegelhalter (Cambridge)

Panel: Dr Krishna Gummadi (Max Planck Institute)  
Professor Joanna Bryson (Bath)

15:15 Coffee

### 15:40 **Trust, Security and the Law** (Chair: Lord Martin Rees)

How can regulators deal with the safety and security of increasingly autonomous machines such as cars and medical devices, whose behaviour may evolve continuously?

Keynote: Professor Ross Anderson (Cambridge)

Panel: Kay Firth-Butterfield (Austin)  
Euan Cameron (PwC)

17:00 Reception