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 of State for Digital)
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