

## The Future of (Artificial) Intelligence Joint Bonn/Cambridge Workshop

**Monday, October 1<sup>st</sup> 2018**

- 09:00-09:15 Prof. Dr. Dr. h.c. Michael Hoch, Welcoming speech  
09:15-09:45 Prof. Dr. Markus Gabriel/Prof. Dr. Dr. h.c. Ulf Meißner, "A.I. and the CST"  
09:45-10:15 Prof. Dr. Huw Price/Dr. Stephen Cave, "Introducing the Leverhulme Centre for the Future of Intelligence"  
10:15-10:30 *Coffee break*  
10:30-11:00 Dr. Marta Halina, "Machine intelligence and the capacity for insight"  
11:00-11:30 Dr. Henry Shevlin, "From dolphins to DQNs: exploring the relationship between consciousness and intelligence"  
11:30-12:00 Dr. Karina Vold, "Augmented intelligence: invasive and non-invasive applications of A.I."  
12:00-13:30 *Lunch*  
  
13:30-14:00 Prof. Dr. Jakob Macke, "Using artificial neural networks to understand biological neural networks"  
14:00-14:30 Prof. Dr. Dieter Sturma, "Extended Mind – Ethical Challenges of A.I. and Robotics"  
14:30-15:00 Dr. Sach Mukherjee, "AI and science: on predictive, causal and mechanistic models"  
15:00-15:15 *Coffee break*  
15:15-15:45 Prof. Dr. Dr. Monique M.B. Breteler, TBA  
15:45-16:15 Prof. Dr. Stefan Wrobel, "Machine Learning and AI at Fraunhofer IAIS and University of Bonn"  
16:15-16:45 Hannah Spitzer, "Deep learning for analyzing brain structure"

**Tuesday, October 2<sup>nd</sup> 2018**

- 9:00-09:30 Dr. Jess Whittlestone, "The ethical and societal implications of AI, data and algorithms; a roadmap for research"  
9:30-10:00 Dr. Rune Nyrupe, "Explainable Artificial Intelligence: What is it and what's the problem?"  
10:00-10:30 Prof. Dr. Bernd Weber, "The impact of A.I. on the Medical Faculty in Bonn"  
10:45-11:00 *Coffee break*  
11:00-11:30 Prof. Dr. Armin Cremers, "Machine Spaces and General Problem Classes"  
11:30-12:00 Prof. Dr. Martin Reuter, "Artificial Intelligence in Medical Imaging"  
12:00-12:30 Open panel discussion with Prof. Dr. Heinz Beck, "Neuroscience-inspired A.I: past and future?"

*Venue:* Festsaal (Universitätshauptgebäude, Am Hof 1).