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

Monday, October 1st 2018

09:00-09:15  Prof. Dr. Dr. h.c. Michael Hoch, Welcoming speech
09:15-09:45  Prof. Dr. Markus Gabriel/Prof. 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 2nd 2018

09:00-09:30  Dr. Jess Whittlestone, “The ethical and societal implications of AI, data and algorithms; a roadmap for research”
09:30-10:00  Dr. Rune Nyrup, “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).