



NEUROMORPHIC TECHNOLOGY: A GIANT LEAP FOR AI An AI UK Fringe Event, 26-28 March 2024

DAY 1: Tuesday 26th March

9:00- 9:10	Welcome	Professor Tim Watson (Turing Institute and Loughborough University)
9:10- 9:25	Introduction	Professor Sergey Saveliev, AI and Cognitive Technologies (Loughborough University)
9:25- 9:35	AI motivated Research at the Department of Physics at Loughborough	Dr Alexander Balanov (Loughborough University)
9:35- 10:05	Quantum Reservoir Computing, Research and New EU projects	Dr Alexander Zagoskin (Loughborough University)
10:05- 10:35	Practical Functional Oxides for Neuromorphic Devices	Professor Judith L. MacManus-Driscoll (University of Cambridge)
10:35 - 11:05	Fragility, Robustness and Antifragility in	



DAY 2: Wednesday 27th March

9:00 - 9:30	Machine Learning Techniques Applied to Quantum Physics	Professor Franco Nori (RIKEN and University of Michigan)
9:30 - 10:00	Photonic Spiking Neurons and Neural Networks for ultrafast light	



17:30 - 17:40	Closing remarks	Professor Sergey Saveliev (Loughborough University)
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