



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	Al motivated Research at the Department of Physics at Loughborough	Dr Alexander Balanov (Loughborough University)
9:35-10:05	Quantum Reservoicomputing, Research and New EU projects	Dr Alexande 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

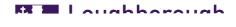




DAY 2: Wednesday 27 th March

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 lightW(o)17.2 ()ITJ ET	48 P <08 688.46ET Q5.9 34.92 re 003 Tc 0.011 Tw	, 10.08 -0





DAY 3: Thursday 28th March

9:00 - 9:30	Neuromorphic landscape review	Paul Larcey (Innovate UK)

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