

SICSA AI THEME MEETING

**How do the many facets of learning in AI relate to each other?**

30 August 2017, 10.00 – 17.00, Room B3, Cottrell Building, University of Stirling, Stirling FK9 4LA.

**0930-1000: Arrival and coffee**

1000-10.10: Introduction to the day: aim of the meeting, and outline of the day: Leslie Smith and Emma Hart

1010-1245: Short talks on different aspects of learning in Artificial Intelligence

1010-1030: Peter Ross: *Some future directions for machine learning and AI*

1030-1050: David King: *Learning in games*

1050-11110: Iain Murray: *Density estimation: machine learning meets statistics*

**1110-1130 Coffee**

1130-1150: Alan Bundy: *Reformation: A generic algorithm for repairing faulty logical theories*

1150-1210: Susan Crow: *Explainable AI*

1210-12.30: Nick Taylor: *Machine learning at the Edinburgh Centre for Robotics*

1230-1245 Emma Hart: *Lifelong learning in optimisation*

**1245 – 1345: Buffet lunch (provided near Room B3)**

1330 – 1430: Circulation & Poster session

1430 - 1515: Discussions session (groups):

Possible discussion areas (to be confirmed): *What are the differences in approach to learning in different areas of AI? How might one bring these together? What are the possibilities/obstacles to bringing different types of learning together?*

**1515-1530: More coffee**

1530-1700: Discussions continue (groups discuss different questions).

**1700 onwards: informal discussions in a local hostelry.**