



## Timothy Hospedales

**Affiliation:** University of Edinburgh (Edinburgh, UK)

**Google Scholar:** <https://scholar.google.com/citations?user=nHhtvqkAAAAJ&hl=en>

**DBLP:** <https://dblp.org/pid/32/3545.html>

### Biography:

Timothy Hospedales is Full Professor of Artificial Intelligence at the University of Edinburgh, as well as EU Regional Director of Samsung AI Research. He has worked extensively in both academia and industry on data-efficient and robust machine learning, including both probabilistic and deep learning approaches, with applications including computer vision, robotics, natural language processing, finance, and beyond. He has published over 100 papers in major venues such as NeurIPS, ICLR, CVPR, IEEE PAMI, and received several best paper prizes and nominations. His work on meta-learning and few-shot learning has been influential in the pattern recognition community. Timothy is/was Alan Turing Institute Fellow, ELLIS Fellow, Associate Editor for IEEE Transactions on Pattern Analysis and Machine Intelligence, Program Chair of BMVC, and Associate Program Chair of AAIL.

**Talk Title:** On the Importance and Difficulty of Evaluating AI.

**Abstract:** Exciting new AI announcements are occurring almost daily. But sometimes it's hard to know if progress is as impressive as claimed; and it is certainly hard to know if advertised capabilities are robust enough to be relied upon. In this talk I will discuss a variety of cases I have encountered where evaluation challenges meant that the reality was not as promising as initially advertised. In the process, I will reflect on why this happens so often, what we can do better going forward as a community to make sure we better assess our own progress, and how we can know when AI can be relied upon?