

THE ROYAL PHILOSOPHICAL SOCIETY OF GLASGOW

SCOTTISH CHARITABLE INCORPORATED ORGANISATION (SCIO) CHARITY NO. SC015557



217th Lecture Series 7.30pm - 6 February 2019

Professor Alan Winfield
The thinking robot.



ABSTRACT

The Thinking Robot

Press headlines frequently refer to robots that think like humans, or even have feelings, but is there any basis of truth in such headlines, or are they simply sensationalist hype? Computer scientist EW Dijkstra famously wrote, “the question of whether machines can think is about as relevant as the question of whether submarines can swim”, but the question of robot thought is one that cannot so easily be dismissed. In this talk I will discuss the question “how intelligent are present day intelligent robots?”; propose four distinct kinds of intelligence, and describe recent work to design robots with simple artificial theory of mind.

BIOGRAPHY

Alan Winfield is Professor of Robot Ethics at the University of the West of England, Bristol, Visiting Professor at the University of York and Associate Fellow of the Centre for the Future of Intelligence, University of Cambridge. Winfield co-founded the Bristol Robotics Laboratory and his current research is focused on the science and engineering of cognitive robotics.

LINKS

<https://people.uwe.ac.uk/Person/AlanWinfield>

**All lectures take place in Lecture Theatre K3.25, John Anderson Building,
University of Strathclyde, Rottenrow East, Glasgow G4 0NG.**

Non-members welcome

The John Anderson Building is in the pedestrianised area between Rottenrow and Rottenrow East.
Free car parking is available behind the building. From High Street enter Rottenrow East at the Barony.
Refreshments will be served at 9.00pm.