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Engineering Society**

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THE BRAVE NEW WORLD OF ARTIFICIAL INTELLIGENCE: THREATS AND OPPORTUNITIES

The 32nd Erasmus Darwin Memorial Lecture
Tuesday, 8th November 2022
7:30pm in the Main Theatre of the Lichfield Garrick

**Professor Sir Adrian Smith PRS,
Director of the Alan Turing Institute**

Artificial Intelligence affects all of us. It drives our search engines, virtual assistant technologies, even our cars. It performs medical diagnoses and competes very effectively in games of chess and Go. This talk will consider the ways in which computing power and “big data” have transformed the possibilities for developing algorithms to understand and control our world and will discuss the threats and opportunities this poses both for society and for individuals.

Adrian Smith joined The Alan Turing Institute as Director and Chief Executive in September 2018. He is a past President of the Royal Statistical Society and in recognition of his contribution to statistics was elected a Fellow of the Royal Society in 2001 and became President in 2020. He is also a member of the government's AI Council, which helps boost AI growth in the UK and promotes its adoption and ethical use in businesses and organisations across the country.

From 2012 he was Vice-Chancellor of the University of London. Between 2008 and 2012 he was Director General, Knowledge and Innovation in BIS (now BEIS). He has worked with the UK Higher Education Funding and Research Councils and was Deputy Chair of the UK Statistics Authority from 2012-2019. In 2014 he was appointed Chair of the Board of the Diamond Synchrotron at Harwell and in 2018 a board member of the UK Atomic Energy Authority.

In 2003-04 Professor Smith undertook an inquiry into Post-14 Mathematics Education for the UK Secretary of State for Education and Skills and in 2017, on behalf of Her Majesty's Treasury and the Department for Education, published a 16-18 Maths Review.

In 2006 he completed a report for the UK Home Secretary on the issue of public trust in Crime Statistics. He received his knighthood in the 2011 New Year Honours list.

Tickets from the LichfieldGarrick Box Office. Members £12, Non-members £14
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