



The Royal Academy
of Engineering

Prime Innovator lecture series - lecture II

Commercialising meaning based computing

Dr Mike Lynch OBE FEng

Founder and Chief Executive Officer of Autonomy

Tuesday 19 October 2010

6.00pm for 6.30pm

Venue:

3 Carlton House Terrace

London SW1Y 5DG



Commercialising meaning based computing



Dr Mike Lynch OBE FREng

In this lecture, Dr Mike Lynch will give a basic introduction to the challenges and methodologies being adopted to allow computers to utilise 'meaning' in making decisions. The ability of computers to handle and, at some level, understand emails, text, phone calls and video is revolutionising practical computing.

After the first forty years of the IT industry in which computers excelled in handling well-defined, repetitive simple tasks, we are now entering an era in which these machines can fit into our complex, subtle and ever-changing world. This more subtle technology has allowed the creation of the UK's largest software company, Autonomy. Dr Lynch will explain some of the lessons learned in taking a cutting-edge technology all the way from the lab and to world leader. He will talk about how to create industry-shifting commercial success, how to encourage and manage innovation, and the importance of vision and focus in creating a direction. The lecture will conclude with some thoughts on future directions and lessons for innovation in the UK.

Dr Mike Lynch

Dr Lynch studied Engineering at Cambridge University and obtained a PhD in mathematical computing. He is a technology entrepreneur and is a pioneer of the Meaning Based Computing movement.

Dr Lynch has founded a number of technology companies, including Autonomy, the UK's largest software company by market capitalisation and a member of the FTSE 100. He has held a number of advisory and board roles in the venture capital industry and is currently a non-executive director of the BBC. He was named the Confederation of British Industry's Entrepreneur of the Year and the European Business Leaders Awards' Innovator of the Year for pioneering new approaches to search and information processing technology.

Dr Lynch won an IEE Award for Outstanding Achievement and was awarded an OBE for Services to Enterprise. He is also a Fellow of The Royal Academy of Engineering, a Lady Margaret Beaufort Fellow of Christ's College, Cambridge, and the author of a number of academic papers on the subject of Pattern Recognition and Signal Processing.

Programme:

6.00pm Registration

6.30pm Welcome

Chair: Professor Robert Mair CBE FREng FRS

6.40pm Address

7.30pm Q&A

8.00pm Reception

Upcoming lectures in the series include;

Prime Innovator Lecture III

24 November 2010

Speaker: Sir Martin Sweeting OBE FEng FRS

Chair: Lord Broers FEng HonFMedSci FRS

Venue: 3 Carlton House Terrace

Prime Innovator Lecture IV

24 January 2011

Speaker: Tristram Carfrae RDI, Arup

Chair: Professor Robert Mair CBE FEng FRS

Venue: 3 Carlton House Terrace

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Commercialising meaning based computing

Registration Form

Tickets

Please note you must reserve tickets for the lecture.

I wish to reserve ticket(s) for the lecture and reception

Title _____ First name _____ RAEng Fellow

Surname _____ Honours _____

Position _____

Organisation _____

Address _____

Postcode _____

Telephone _____

Email _____

Guest

Title _____ First name _____

Surname _____ Honours _____

Position _____

Organisation _____

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Please return to Helen Berrington

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The Royal Academy of Engineering

As Britain's national academy for engineering, we bring together the country's most eminent engineers from all disciplines to promote excellence in the science, art and practice of engineering. Our strategic priorities are to enhance the UK's engineering capabilities, to celebrate excellence and inspire the next generation, and to lead debate by guiding informed thinking and influencing public policy.

The Academy's work programmes are driven by three strategic priorities, each of which provides a key contribution to a strong and vibrant engineering sector and to the health and wealth of society.

Enhancing national capabilities

As a priority, we encourage, support and facilitate links between academia and industry. Through targeted national and international programmes, we enhance – and reflect abroad – the UK's performance in the application of science, technology transfer, and the promotion and exploitation of innovation. We support high quality engineering research, encourage an interdisciplinary ethos, facilitate international exchange and provide a means of determining and disseminating best practice. In particular, our activities focus on complex and multidisciplinary areas of rapid development.

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Leading debate

Using the leadership and expertise of our Fellowship, we guide informed thinking, influence public policy making, provide a forum for the mutual exchange of ideas, and pursue effective engagement with society on matters within our competence. The Academy advocates progressive, forward-looking solutions based on impartial advice and quality foundations, and works to enhance appreciation of the positive role of engineering and its contribution to the economic strength of the nation.



The Royal Academy of Engineering promotes excellence in the science, art and practice of engineering.

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