



Lichfield Science & Engineering Society

LICHFIELD **GARRICK**
Theatre & Studio

CHAIRMAN
Carol Hannam

PATRON
Mr Ian Dudson CBE
HM Lord Lieutenant of Staffordshire

PRESIDENT
Dr Zsuzsanna Nagy
MD, MA, DPhil

8:00 pm on Thursday 13th October 2016
in the Studio Theatre of the Lichfield Garrick, Castle Dyke, Lichfield

MATHS **AND THE MAKING OF THE MODERN WORLD**

Professor Chris Budd OBE
University of Bath

We live in a world dominated by technology, from the Internet to the iPad and the mobile phone to GPS. Yet how many of us realise that all of this technology is based on mathematics, and that without maths the modern world would not exist.

Professor Budd will describe the maths that makes internet giants like Google function, and is behind the programming of the iPod and the mobile phone. This will show how maths led to the modern information revolution. Chris says that no previous knowledge of maths is needed, but asks that you bring your imagination!

Chris Budd holds the positions of Professor of Applied Mathematics at the University of Bath, Professor of Mathematics at the Royal Institution, Chairman of the UKMT and is also the Gresham College Professor of Geometry. His work at Bath largely centres on developing research links between university and industry and solving mathematical problems which come from industry. He has worked on problems as diverse as weather forecasting, microwave cooking, and the optimisation of WiFi systems.

He is also a strong supporter of mathematics education. For seven years he was the Education Secretary of the London Mathematical Society and during this time he co-authored the 2011 'Vorderman report' on mathematics education in the UK. He is a National Teaching Fellow and is closely involved with developments of teaching in HE.

Chris is a passionate populariser of mathematics, giving frequent talks to schools and other bodies, and he has won many awards for his work in making mathematics accessible to a broad audience, including being awarded the OBE in 2015 for services to mathematics and science. When not doing maths he likes walking in the mountains with his family and dog. (And thinking about maths?)

For further information, please see our website at www.LSES.org.uk
Students and Members Free.
Visitors £5.00. Tickets are not issued in advance, please pay at the door.
Members must sign in. Those signing in before 7:50 pm will have precedence over all visitors.
This lecture is expected to finish by 10.00 pm.