

Mobility and Access: Femtocells, LTE and The New Revolution in Radio

Event speakers

Dr David Cleevely - CRFS

David Cleevely (FREng, FIET) is the Chairman of CRFS, which he co-founded in July 2007, and the founder and former Chairman of telecoms consultancy Analysys (acquired by Datatec International in 2004). In 1998, he co-founded the web based antibody company Abcam (ABC.L) with Jonathan Milner and was Chairman until November 2009.

In late 2004 he co-founded the 3G femto base station company, 3WayNetworks, which was sold to Airvana in April 2007. He has invested in over 35 companies and is Chairman of four of them, including the award winning restaurant "Bocca di Lupo". He has been a prime mover behind Cambridge Network, co-founder of Cambridge Wireless, co-founder and Chairman of Cambridge Angels and is a member of the IET Communications Policy Panel. For 8 years until March 2009 he was a member of the Ofcom Spectrum Advisory Board. From 2001 to 2008 he was a member of the Ministry of Defence Board overseeing information systems and services (DES-ISS, formerly the Defence Communications Services Agency).

After being sponsored to study Cybernetics at Reading by Post Office Telecommunications, he joined their Long Range Studies Division. A PhD at Cambridge was then followed by the Economist Intelligence Unit in London. He is a Fellow of the Royal Academy of Engineering and the IET and he has recently held an Industrial Fellowship at the University of Cambridge Computer Laboratory. In 2009 he was appointed the Founding Director and Executive Committee Member of the Centre for Science and Policy, University of Cambridge.

Prof Simon Saunders - Real Wireless and Femto Forum

Professor Simon Saunders is an independent wireless communications specialist, founder of the consultancy Real Wireless Ltd. and founding chairman of the Femto Forum. He has more than 25 years' industry experience to CTO and CEO level. Simon has consulted for a range of companies including O2, Ofcom, NTL, BT, Motorola, BBC and many others. He is the author of over 150 articles and books, including authoritative books on antennas, propagation and on femtocells, and is a regular speaker at industry conferences. He is an inventor of over 15 patented wireless technologies. Simon holds a PhD from Brunel University, is a visiting professor at the University of Surrey and a member of Ofcom's Spectrum Advisory Board.

Dr Mike Short – O2

Mike's career spans 34 years in Electronics and Telecommunications, with the last 21 years in Mobile Communications. He was appointed Contracts Director of Cellnet in 1989 dealing with major infra-structure investments and UK interconnect agreements. In 1993 the focus moved to establishing Cellnet's GSM Service and International Roaming Agreements, helped establish UK cross operator text messaging and in 1998 to a pioneering roles on 3G Mobile.

He was elected Chairman of the global GSM Association for 1995/96 and served on their Executive Board for 5 years. He was a Board member of the WAP Forum and a founder board Member of Open Mobile Alliance. He is also a board member of the UK Council for Child internet safety (UK CCIS), and has been active on the Home Office Internet Task force , Security, Phonepayplus and Ofcom Spectrum advisory boards.

Mike has chaired the Mobile Data Association (MDA) since 1998, leading the Association as spokesperson and recently taken on the MDA role of Honorary President.

He was appointed VP Technology for O2 GROUP in 2000, Visiting Professor at Surrey University in 2003, and to the Boards of Coventry University / Ravensbourne college respectively in 2006 and `08. He is also a Visiting professor at the Universities of Lancaster and De Montfort , and was awarded an honorary doctorate in July 2008 by the University of Staffordshire. He is a Fellow of IET/BCS/CIPS/RGS and a Member of the Royal Television Society.

Mike's focus today is on Mobile data solutions , including Health and Transport telematics, environmental measurement and mobile learning , with a strong interface to relevant Group Research and Development.

Prof Will Stewart

Professor Stewart has been a member of the IET Communication Policy Panel since its creation in November 2002 and Chairman since June 2008.

Previously the Chief Scientist at Marconi with wide interests in technologies from communications to bio sensing, he was educated at Imperial College (Physics). His personal interests have been in optical fibre communications and optoelectronics.

Recent interests include microstructured photonic materials (photonic crystals), optical slow-wave structures, nanomechanical systems and the application of various optical, semiconductor and acoustic technologies to medicine, particle physics and industrial processes.

He is a visiting Professor at UCL and at the ORC at Southampton. He is author on some 64 conference and journal papers, including many invited papers, and on 48 patents. He is a member of the editorial advisory board for the journal 'Science'.

Stephen Temple, CBE

Stephen Temple's Civil Service career over 25 years embraced spectrum management, telecommunications policy/regulation, industrial policy and procurement. His achievements include the implementation strategy for the highly successful GSM mobile revolution, bringing digital terrestrial TV to the UK and was involved in founding DVB and ETSI. In the private sector he was Director of Advanced Technologies at ntl and then MD of their Networks Division and later Director of Strategic Projects at Vodafone HQ. Recently he was a member of the UK Government's Steering Group for the Digital Britain Project and advised on mobile radio.

Dr Dan Warren - GSMA

Dan Warren is senior director of technology at the GSMA and joined the organisation in 2007. He currently leads the GSMA's Voice over LTE (VoLTE) initiative and is responsible for driving forward and promoting the global adoption of Mobile Broadband technologies such as High Speed Packet Access (HSPA) and Long-Term Evolution (LTE). He also acts as a technology subject matter expert across all of the GSMA's initiatives and working groups. Prior to joining the GSMA, Dan held senior technical positions at Vodafone and Nortel. Dan has a degree in Mathematics and a PhD in Applied Mathematics.

Prof William Webb – Neul

William is one of the founding directors of Neul, a company developing machine-to-machine technologies and networks, which was formed at the start of 2011.

Prior to this William was a Director at Ofcom where he managed a team providing technical advice and performing research across all areas of Ofcom's regulatory remit. He also led some of the major reviews conducted by Ofcom including the Spectrum Framework Review, the development of Spectrum Usage Rights and most recently cognitive or white space policy. Previously, William worked for a range of communications consultancies in the UK in the fields of hardware design, computer simulation, propagation modelling, spectrum management and strategy development. William also spent three years providing strategic management across Motorola's entire communications portfolio, based in Chicago,

William has published eleven books, eighty papers, and four patents. He is a Visiting Professor at Surrey University and DeMontfort University, a member of Ofcom's Spectrum Advisory Board (OSAB) and a Fellow of the Royal Academy of Engineering, the IEEE and the IET where he is as a Vice President. His biography is included in multiple "Who's Who" publications around the world. William has a first class honours degree in electronics, a PhD and an MBA. He can be contacted at william.webb@neul.com.

Brian Williamson – Plum Consulting

Brian Williamson is a Director of Plum Consulting focusing on regulatory policy and strategy in the areas of communications, media, radio spectrum and the internet. His focus is the transformation of the economy and society via the effective use of ICT, and the strategy, policy and regulatory challenges of convergence. In relation to mobile and radio spectrum he has worked on the future role of fixed and mobile as complements and/or substitutes, the growth of mobile devices and mobile data traffic including consideration of mobile network cost functions, spectrum valuation and pricing, the economics of trading versus pricing, the role of cost-benefit analysis in deciding how much spectrum to allocate for licence exempt use and institutional arrangements and incentives to promote the efficient reallocation of spectrum from public sector to commercial use. Brian has a BSc in Physics and an MSc in Economics from the London School of Economics.

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Graham Louth – Ofcom

Graham Louth joined Ofcom, the UK's converged communications regulator, in December 2003 as Director of Spectrum Markets, tasked with making the changes necessary to allow spectrum users to decide how to make best use of this invaluable national resource, rather than being dictated by the regulator. He is now Director of Spectrum Policy, Mobile and Auctions, in which role he is responsible for ensuring that existing and prospective mobile network operators are able to make the best possible use of existing spectrum, and have access to critical bands of new spectrum such as the 800MHz and 2.6GHz bands, so as to be able to deliver the best possible mobile services to UK consumers and citizens at competitive prices. Prior to joining Ofcom, Graham spent over 10 years working as a consultant with the leading telecoms strategy advisors Analysys, ultimately as head of their regulatory practice worldwide. Whilst at Analysys Graham played a leading role in the development of regulatory thinking and practice in a number of economic and policy areas, working closely with clients such as the European Commission, the IDA in Singapore, and Oftel in the UK.

Rupert Baines – Picochip

Rupert Baines, Vice President of Marketing, has eighteen years' experience in technology marketing, working on commercializing many leading-edge technologies. He spent six years with Analog Devices in Boston, working on semiconductors for GSM and wireless infrastructure before managing the company's broadband product line and holding responsibility for the industry-standard ADSL chipset. He has also worked for operators, most recently as Director of Product Development and Strategy for Atlantic Telecom, where he ran a large pan-European DSL rollout and trialled wireless broadband deployments.