

CW Talks

'Can the UK Secure First Mover Advantage in 5G?

12th April 2018

The CW Talks are curated by Robert Driver of Cambridge Wireless (CW), John Haine, Visiting Professor at Bristol University and William Webb, CEO of Weightless SIG

Venue: Queens College, Silver Street, Cambridge CB3 9ET

AGENDA

15:30	Registration
16:00	Introduction to CW Talks from Robert Driver, CEO, Cambridge Wireless (CW)
16:05	Welcome from John Haine, Visiting Professor at Bristol University
16:10	Sessions to be chaired by John Haine, Visiting Professor at Bristol University Mischa Dohler, Professor in Wireless Communications, King's College London
16:40	Dr Tony Milbourn
17:10	Open forum
17:45	Wrap-up
17:50	End of session followed by drinks reception
18:45	Event closes

Following this CW Talk all delegates are invited to join the **CW Founder Dinner reception** which ends at 18:45. **Please note: separate registration is required for the Founder Dinner itself, which is usually oversubscribed.** We do operate a wait list. The results of the **CW Talk** discussion will be reported on and discussed after dinner by our rapporteur **Professor William Webb**.

Profile of organisers

Cambridge Wireless (CW)

CW is the leading international community for companies involved in the research, development and application of wireless and mobile, internet, semiconductor and software technologies. With over 400 members from major network operators and device manufacturers to innovative start-ups and universities, CW stimulates debate and collaboration, harnesses and shares knowledge, and helps to build connections between academia and industry. CW's 20 Special Interest Groups (SIGs) provide its members with a dynamic forum where they can network with their peers, track the latest technology trends and business developments and position their organisations in key market sectors. CW also organises major conferences and start-up competitions along with other high-quality industry networking events and dinners. With headquarters at the heart of Cambridge, UK, CW partners with other international industry clusters and organisations to extend its reach and remain at the forefront of global developments and business opportunities. www.cambridgewireless.co.uk

Profile of CW Talks curators

Professor John Haine, Royal Academy of Engineering Visiting Professor at Bristol University

John Haine has spent his career in the electronics and communications industry, working for large corporations and with four Cambridge start-ups. His technical background includes R&D in radio circuitry and microwave circuit theory; and the design of novel radio systems for cordless telephony, mobile data, fixed wireless access and IoT communications. He has led standardisation activities in mobile data and FWA in ETSI, and contributed to WiMax in IEEE. At various times he has been involved in and led fund-raising and M&A activities. In 1999 he joined TTP Communications working on research, technology strategy and M&A; and after the company's acquisition by Motorola became Director of Technology Strategy in Motorola Mobile Devices. After leaving Motorola he was CTO Enterprise Systems with ip.access, a manufacturer of GSM picocells and 3G femtocells. In early 2010 he joined Cognovo, which was acquired by u-blox AG in 2012. He led u-blox' involvement in 3GPP NB-IoT standardisation and the company's initial development of the first modules for trials and demonstrations. Now retired from u-blox he is a Visiting Professor in Electronic and Electrical Engineering at Bristol University, where he chairs the Centre for Doctoral Training in Communications. He was founder chair and is Board Member Emeritus of the IoT Security Foundation. John has a first degree from Birmingham (1971) and a PhD from Leeds (1977) universities, and is a Life Member of the IEEE.

Professor William Webb, Weightless SIG, FEng FIET FIEEE

William is an independent consultant at Webb Search and CEO of the Weightless SIG, a body standardizing a new M2M technology. He was one of the founding directors of Neul, a company developing machine-to-machine technologies and networks, which was formed at the start of 2011 and subsequently sold to Huawei. Prior to this William was a Director at Ofcom where he managed a team providing technical advice and performing research. He has worked for a range of communications consultancies and spent three years providing strategic management across Motorola's entire communications portfolio, based in Chicago. He was IET President 2014-2015. William has published 16 books, 100 papers, and 18 patents. He is a Visiting Professor at Southampton University, a Fellow of the Royal Academy of Engineering, the IEEE and the IET. He has been awarded multiple honorary doctorates by the UK's leading universities.

Profile of speakers

Professor Mischa Dohler, Professor in Wireless Communications, King's College London

Mischa Dohler is full Professor in Wireless Communications at King's College London, driving cross-disciplinary research and innovation in technology, sciences and arts. He is the Director of the Centre for Telecommunications Research, co-founder of the pioneering smart city company Worldsensing, Fellow of the IEEE, the Royal Academy of Engineering and the Royal Society of Arts (RSA), and a Distinguished Member of Harvard Square Leaders Excellence.

Dr Tony Milbourn

Tony has 30 years' experience in the mobile communications industry and a PhD in control theory. Following a career at PA Technology and then as one of the founders of TTP, in 2000 he led the spin-out and flotation of TTP Communications plc, a major licensing business in cellular that was acquired in 2006 by Motorola. He was also a founder of ip.access, the femtocell business, and more recently led the spin-out of a soft modem start-up, Cognovo, from ARM Holdings. Cognovo was acquired by u-blox AG in 2012. u-blox is a \$400m Swiss supplier of location and communications modules and chips that is focused on industrial, automotive and professional applications, particularly in the Internet of Things. For 5 years Tony drove the strategic expansion of u-blox and enabled a number of acquisitions that extended the scope and direction of the company. He is interested in creating new opportunities at the point where communications and computing converge.