

Future Devices & Technologies SIG webinar 'Consumer devices for a post-Covid world'

22nd July 2020

The Future Devices & Technologies SIG is championed by Graham Anderson of **Beko**, Nadia Aziz of **Unbounded Future**, Esther Ford of **Marks & Clerk**, Zahid Ghadialy of **Parallel Wireless UK & EMEA**, David Roberts of **Jaboo Software**, Charles Sturman of **Huawei Technologies Research & Development (UK)**

AGENDA

15:00	CW welcome, Abhi Naha, CCO, CW (Cambridge Wireless)
15:05	Introduction to Future Devices & Technologies SIG by Graham Anderson, Future Devices & Technologies SIG Champion and Team Leader - UK R & D, Beko
15:10	Session to be chaired by Graham Anderson, Future Devices & Technologies SIG Champion Panel discussion with questions from the audience featuring the following speakers: <ul style="list-style-type: none">• Alan Cucknell, Head of Innovation and Strategy, Ignite Exponential• Robin Ferraby, Business Manager - Consumer Products & Solutions, Cambridge Consultants• Tim Moore, VP Innovation, ghd• David Wood, Principal, Delta Wisdom
15:55	Closing speech & remarks, Graham Anderson, Future Devices & Technologies SIG Champion
16:00	End of session followed by networking
16:30	Event closes

With the permission of the speakers, presentations will be loaded to the CW website on the day following the event

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 19 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 SIG champions

Graham Anderson, Beko

Graham Anderson is Senior Specialist at Beko R&D, with research interests focused around novel sensors, data analytics, and energy storage/harvesting. Previously he worked as a Senior Scientist at Cambridge Display Technology working on the development of ink jet printed OLED displays and organic thermoelectric generators. Graham has a PhD from Leeds University in spintronics. www.beko.co.uk

Nadia Aziz, Unbounded Future

Nadia is an emerging technology consultant with heavy focus on AR/VR & new technology areas. She has a broad experience over 12 years as an engineer, programmer, consultant, advisor, speaker, IP scouting and has a passion for emerging technologies and its impact on business transformation. She has also helped in mergers & acquisition

programmes in France specifically in the engineering areas. Nadia Aziz was recently an Innovation leader for Emerging Technologies at NTT DATA where she led the development of innovation applications in Augmented (AR) & Virtual Reality (VR) technologies, AI, sensors and wearables. She is active in the Digital Health community and was a co-producer for the GIANT Health Event in 2018.

Esther Ford, Marks & Clerk

Esther obtained an MEng in Electronic Engineering after studying at the University of Kent and the Technische Hochschule Darmstadt. Having been awarded an Engineering Prize from the Royal Academy of Engineering, she went on to obtain a PhD in Microelectronics from the University of Cambridge. During her research, Esther developed a nanodot array single electron device with controlled threshold voltage at high temperatures. She also presented the Institute of Engineering and Technology (IET) Faraday Lecture "The Digital World", which was delivered to live audiences throughout the UK and broadcast over Europe and North America, reaching an audience of 20,000. After completing her PhD, Esther worked as a research engineer in Nortel Networks and subsequently in a telecommunications design consultancy. She joined the patent profession in 2004 and has extensive experience in managing international patent portfolios. She also has significant experience representing clients at the EPO in oppositions and appeals. Esther joined Marks & Clerk in 2008, and in 2011 enjoyed a secondment as an in-house attorney for a valued client in the Oil/Gas industry. Her recent focus has been in the fields of Internet Service Provision, Oil/Gas recovery, Power Electronics, and the Internet of Things. Esther has been recognised as a rising star by Managing Intellectual Property, IP Stars, 2017. www.marks-clerk.com

Zahid Ghadialy, Parallel Wireless UK & EMEA @zahidtg

Zahid Ghadialy is a Senior Director with a fast-moving and innovative US-based young company called Parallel Wireless (PW) that is on a mission to make deployment of any cellular infrastructure as easy and as cost-effective as Wi-Fi. With an extensive experience of over 18 years in the telecom industry as an engineer, programmer, analyst, researcher, architect, trainer, product manager and technical marketer, he is a technologist with a deep understanding of architecting world-class mobile products and solutions. Zahid is currently a member of Board of Directors at CW and 'Future Devices & Technologies' SIG champion. He has also previously been a 'Small Cell SIG' and 'Smart & Intelligent Cities SIG' champion. He is also a Non-Executive Director of eXplanoTech. In his spare time he blogs at 3G4G and you can also catch him on Twitter at @zahidtg. www.parallelwireless.com

Dave Roberts, Jaboo Software

David is a technology leader with over 25 years' experience working in the hi-tech arena. He has recently completed a successful project for ghd in conjunction with CW where he carried out the role of System Architect and facilitator. Prior to this he worked in the C-IoT space where he ran a multi-national R&D department that developed silicon and software designed for the burgeoning IoT market. He was also responsible for driving an agile transformation programme and assisting the organisation with their integration into a large Chinese multi-national telecoms company. Having started his career as a software developer working for BT and Acorn Computers, he went on to hold senior roles in a number of world-class organisations such as Symbian, Cambridge University and Citrix in the areas of Software Development, Project Management, Product Management, Research, Consultancy and Architecture. His background includes leading and developing teams involved in the creation of large-scale integrated hardware and software products, web-based services and CE devices. He is also highly experienced in large-scale agile development practices, agile coaching/transformation and creating and executing strategies for increasing the efficiency and effectiveness of organisations.

Charles Sturman, Huawei Technologies Research & Development (UK)

Charles is responsible for Product Marketing at Neul /Huawei Technologies in Cambridge, with responsibility for product strategy and business development in the NB-IoT market. Prior to this he led u-blox's activities in the fast-moving consumer IoT segment (wearables, smart-home and entertainment) following the acquisition of the ARM Software Radio spin-out Cognovo, where he was Founder and Executive VP Sales & Marketing. Charles has held various positions in system design, business development and product marketing within Acorn Computers, TTPCom, Motorola and ARM. www.huawei.com

Speakers

Alan Cucknell, Head of Innovation and Strategy, Ignite Exponential

Alan Cucknell leads Ignite Exponential, Plextek's strategic innovation and design business unit. Initially trained as an engineer, and with a passion for design, he has two decades of experience working with stakeholder insight, new

business models and disruptive technology in both developed and emerging markets to navigate uncertainty and create sustainable growth. Alan intentionally works across disciplines and industries to systematically navigate uncertainty and enable innovation with the transfer of insight, technologies and inspiration between otherwise unconnected spaces. www.igniteexponential.com

Robin Ferraby, Business Manager – Consumer Products & Solutions, Cambridge Consultants

Robin has a responsibility for the Consumer sector at Cambridge Consultants, helping brands and startups create new market and high value business. With a commercial and client services role he builds collaborations engaging across consumer proposition, technology pathway, and commercial strategy. He is an experienced Product Marketeer with 20 years experience across Marketing, Innovation, NPD, Design and Sales. Robin was formerly Head of Home Appliance for Panasonic Marketing Europe, leading category P&L and growth strategy, product planning, and engagement and commercial strategies. www.cambridgeconsultants.com

Tim Moore, VP Innovation, ghd

Dr Tim Moore is VP Smart Devices at Coty Inc, the third largest beauty company in the world, where he is responsible for innovation and early stage development of devices and systems for beauty, including Internet of Things (IoT). Tim joined Coty through their acquisition of ghd. As the CTO of ghd he lead and built ghd's world-class laboratory facilities in Cambridge where innovative high performance products are developed based upon a fundamental understanding of the physics of hair. Prior to joining ghd, Dr Moore was CEO of Sagentia SGAI Ltd, a technology consultancy based in Hong Kong and Cambridge focusing on the development of breakthrough consumer products. Dr Moore obtained his PhD in Microelectronics at Cambridge University. www.ghdhair.com

David Wood, Principal, Delta Wisdom

David Wood was a pioneer of the smartphone industry. In 1998 he co-founded Symbian, the creator of the world's first successful smartphone operating system. Software written by his teams was included in half a billion smartphones over the following years, from companies such as Nokia, Motorola, Samsung, Panasonic, Fujitsu, and Sony Ericsson. He previously spent ten years as software architect and software director at UK-based mobile computing innovator Psion PLC, and subsequently three years as CTO of Accenture Mobility, where he co-led the company's Mobility Health business initiative. He is the author or lead editor of nine books, including Anticipating 2025, Smartphones and Beyond, The Abolition of Aging, and Transcending Politics. As Chair of London Futurists, he has hosted 200 public events on futurist and technoprogressive topics since 2008. As Principal of Delta Wisdom, he works with organisations around the world to inject urgency into discussions of future scenarios and to anticipate forthcoming exponential disruptions. He is a fellow of the IEET and a fellow of the RSA. He has a triple first class mathematics degree from Cambridge and undertook doctoral research in the Philosophy of Science regarding the implications of quantum physics. He has an honorary Doctorate in Science from Westminster University, awarded in recognition of his services to the smartphone industry. www.deltawisdom.com