

Cambridge Innovation Summit – Agenda and Logistics Arrangements (v-1.7)

July 11 2018

Sponsored by:



Summit Venue: Granta Suites, Cambridge , UK



9:00 Registration and Networking

9:30 Welcome / About CfBI / About Today: Peter Hewkin CfBI

Responding to CfBI consortium members' wishes. This will be a structured and highly interactive summit – with delegates seated in cabaret format posing and responding to 'big questions' with expert witnesses in each session.

10:00 Working Session 1 - **Innovation Landscape**: Chaired by Steve Young



Development Team

Steve Young is Professor of Information Engineering in the Information Engineering Division. During 2001 through to 2004, he served as Chair of the School of Technology and he was a member of the University General Board. From 2006 to 2009, he served as an elected member of the University Council and from 2009 to 2015 he was the Senior Pro-Vice Chancellor responsible for Planning and Resources.

His main research interests lie in the area of spoken language systems including speech recognition, speech synthesis and dialogue management. He was Editor of Computer Speech and Language from 1993 to 2004, and Chair of the IEEE Speech and Language Processing Technical Committee from 2009 to 2011. He now holds a joint appointment between Cambridge University and Apple Computer where he is a member of the Siri

Expert Witnesses:

- Paul Misener – Amazon



Mr. Paul E. Misener serves as Vice President of Global Public Policy and Vice President of Policy & Communication at Amazon.com Inc. Mr. Misener joined Amazon.com from the law firm of Wiley, Rein & Fielding, where he was a Partner and Chairman of the e-commerce group. He was formerly manager of telecommunications and computer technology. He also cofounded and led the Internet Access Coalition. He served as a Director of the Internet Access Coalition. He is a 1985 graduate of Princeton University with a B.S.E. in Electrical Engineering and a J.D. from the George Mason University School of Law.

- Wynne Lewis – 3M

Wynne is currently Director of Research & Development for 3M in the UK and Ireland. His talk will focus on our culture at 3M; our understanding of the innovation process, and the steps we take to ensure we remain an organisation where ideas and creativity flourish – essential for a company where a third of our revenues come from products that didn't exist five years ago. Our world is changing rapidly – and so are our customers' needs; that means we need to be alert, agile and innovative so we can continue to meet their changing requirements



- Steve Jarrett – Facebook



Steve is head of connective programmes at Facebook - leading Facebook's technical and business strategy for connecting people in Africa to the Internet. The strategy covers all forms of backhaul connectivity, rural cellular solutions and innovative business models as well as the related machine learning and data science.

He is a primary contributor to TIP (Telecom Infra Project) relating to future network technologies as well as their impact on emerging fields such as autonomous cars and immersive entertainment. In addition, he founded and ran a strategic data science and machine learning program at Facebook..

- Michelle Prance – Lloyds Bank



- Michelle has over 18 years' experience in financial services, transforming strategic plans into evidenced customer value. As a leader and an influencer in digital transformation she has established organisational agility across multi-national and private organisations through operating models committed to innovation.

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- Michelle's purpose is to explore the possibilities that things can be better, she believes collaboration ignites innovation and technology is an enabler to meet customer's needs of simple frictionless products – 'jobs to be done'. She is an agile practitioner driving continuous learning and service improvements through control of risks, data, customer insights and open feedback loops.

12:00 Brief Introduction to the Table-Top Demos "Innovation made in Cambridge"

Alex McCracken Silicon Valley Bank



With over 20 years' experience in financing technology companies at all stages of growth, Alex joined Silicon Valley Bank in 2010 and works closely with technology companies and the venture capital community to deliver financial services and debt solutions, and leverages Silicon Valley Bank's global network to help companies succeed.

Prior to joining Silicon Valley Bank, Alex was Investment Manager at venture capital fund TTP Ventures, where he invested in and managed a number of portfolio companies. In 2001, Alex also co-founded TISS Ltd. to develop a range of security systems for commercial vehicles. As Managing Director, Alex raised several rounds of venture capital funding and helped TISS to grow and achieve global sales to logistics companies including TNT, DHL, UPS and Mercedes. He successfully exited the business in 2007 after selling part of his stake to a Family Office. Alex holds an Investment Management Certificate from the UK Society of Investment Professionals.

MIOTIFY – the world's first software tool kit specifically designed to simplify the process of transforming connected clinical data into actionable clinical information. Combining code free IoT automation tools with design control processes to enable access to the regulated medical market.

MyMindMe – a holistic wellbeing App in the form of a customizable avatar. Blends physical and mental health attributed nudging individuals towards optimum behaviour or peak performance. Reflects users overall well being – learns to influence when they are most receptive.

Sorex - Sorex Sensors Limited is a new spin-out from Cambridge University Engineering Department, looking to manufacture world-leading, highly-sensitive mass sensors which can measure down to femtograms, the weight of a single virus particle. The devices are very small (each is ~100 µm across), have extremely low power requirements (in the order of µW) and can be fabricated on silicon wafer using standard foundry processes. Uniquely, the sensors can measure both mass and temperature simultaneously providing significant advantages over existing mass-measurement technologies. Applications that require accurate measurements and the ability to multiplex are being pursued in vacuum-based deposition process control, gas monitoring and particulate monitoring markets.

Thymometrics - Building a culture of employee engagement isn't an annual event. Thymometrics is a ground-breaking always-on employee survey and communication platform that continuously tracks employee mood and engagement as it changes

For over fifty years the Cambridge cluster/ecosystem has been a vibrant incubator of innovative businesses .. we have selected a few of these as examples of the upcoming generation. Come and meet them and find out how you can engage!

12:30 Lunch / Networking / Table-Top Demos

Delegates have the opportunity for conversations to spill over into the private gardens on the banks of the River Camb

13:15 Working Session 2 **Innovation for Health and Wellness** : Chaired by Hermann Hauser :



- Dr Hermann Hauser KBE FRS FREng is a serial entrepreneur, in his successful history he has founded and co-founded over 20 technology companies in a wide range of technology industries; including Amadeus Capital Partners, Acorn Computers – where he led the development of the BBC Microcomputer, Active Book Company, Virata, Net Products and NetChannel. He was also the Vice President of Research at Olivetti and during his tenure there, established a global network of research laboratories.

- Whilst at Amadeus, Hermann has been a non-executive director of many investee companies including CSR, which provides single chip wireless solutions supporting communications over short-range radio links; Entropic Research Laboratory, a company that developed the voice recognition software used by Microsoft Word; and Solexa, which developed ultra-high throughput DNA sequencing technology.

- Dr Hauser was awarded his Honorary CBE in 2001 for 'innovative service to the UK enterprise sector'. In 2015 he was made a KBE for services to engineering and industry. In 2009 took over the Chair of the East of England Stem Cell Network (EESCN).

Expert Witnesses:

Iain Buchan – Microsoft Research

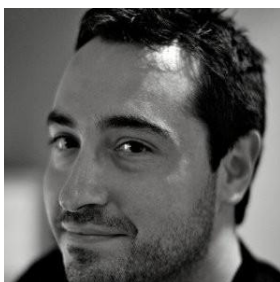


Professor Iain Buchan is Director of Healthcare Research for Microsoft Research in Cambridge UK. His role is to take a ten-year view of how advanced informatics can transform self, clinical and population healthcare.

Before joining Microsoft in October 2017, Iain was Professor in Public Health Informatics and led the Centre for Health Informatics that he founded at the University of Manchester after training in clinical medicine, pharmacology, public health, biostatistics and health informatics. He raised over £100m of research income in 15 years at Manchester, was awarded a MRC Centre and was one of the founding directors of the UK Farr Institute for Health Informatics Research, now Health Data Research UK. He also conceived the Connected

Health Cities programme, which has become a blueprint for place-based digital health innovation and interoperability in the UK. His civic work also includes policy research to reduce inequalities in health and to mobilise health data with deep public involvement (e.g. Twitter #DataSavesLives). He retains a strong commitment to public/social health informatics through honorary academic roles and as a NIHR Senior Investigator.

Michael MacDonnell – NHS



Michael is the National Director Transforming Health Systems at NHS England. He is Responsible for integrating health systems across the English NHS that join up primary care and hospitals, mental and physical healthcare, NHS and social services. Leads an outstanding national team - including the 'vanguard' programme - that supports local leaders to address people and patients' needs as systems rather than solely as individual organisations.

- Jon Lee-Davies – Vodafone



Jon is head of healthcare, IoT market development at Vodafone Group Services. He is a Digital health leader with global experience ranging from new concept and product development through to product launch, strategy and sales/ delivery.

Strong track record in digital health and connected care, developing and taking to market new propositions to help transform the lives of patients and providers. Experience of working with multinational medical device, pharmaceutical and public sector clients, exploring how IoT and data can deliver value across the care continuum.

Steve Rees - Astra Zeneca



Steve Rees is currently Vice-President of Screening Sciences and Sample Management at AstraZeneca with global responsibility for High Throughput Screening, Compound Management, the human tissue BioBank and the provision of SAR biology support to preclinical discovery projects. Prior to joining AstraZeneca, Steve worked at GlaxoSmithKline for 24 years in various roles including that of Director of the Screening and Compound Profiling Department at GlaxoSmithKline in Stevenage. Steve has been responsible for developing hit identification, compound profiling and compound management strategies for AstraZeneca and previously GlaxoSmithKline. Steve has led multiple international collaborations and

has sponsored the development and implementation of a range of cellular assay technologies for ion channel, GPCR and other target classes.

15:15 Break / Networking Table-Top Demos

15:45 **Innovation Made in Cambridge:** Chaired by Tim Minshall University of Cambridge



Tim Minshall is the Head of the Institute for Manufacturing (IfM) and of the IfM's Centre for Technology Management. He is the inaugural Dr John C. Taylor Professor of Innovation, a member of the board of directors for St John's Innovation Centre Ltd and IfM-ECS Ltd, a Visiting Research Fellow at the Institute of Technology, Enterprise and Competitiveness (ITEC) at Doshisha University, and a member of the IET's Innovation and Emerging Technologies Policy Panel. He is a member of advisory / steering committees for groups including ideaSpace and Cambridge i-Teams.

Before joining the University in 2002, he was a Project Manager and Board Member at St John's Innovation Centre Ltd where he worked on a series of projects to support industry / academic collaboration focused around new technology ventures. Prior to working at St John's Innovation Centre, he worked as a teacher, consultant, plant engineer and freelance writer in the UK, Australia and Japan. He has B.Eng. from Aston University and a PhD from Cambridge University Engineering Department.

- With cameos / case studies of upcoming Cambridge Innovation enabled companies (details to follow!)

17:00 Closing Remarks / What Have We Learned – Next Steps: Peter Hewkin

17:30 **Walking transfer**

On the way delegates will pass Queens College, Kings College and Clare College. If you would like to peep inside we can make a small number of passes available.

Trinity Hall (Stephen Hawking studied for his PhD in Cosmology here)



18:00 Trinity Hall - **Drinks on the lawn** – overlooking the river Cam



19:00 **Dinner in the Great Hall** – addressed by: Jane Osborne : VP of R&D and Cambridge Site Leader at MedImmune



Can't live without World Cup Semi-Finals? We have it covered. There will be a modest TV in the Minstrels' Gallery for the ultimate TV dinner. Tell us if you want this option!



Jane Osbourn PhD is VP Research and Development and Site Leader for MedImmune in Cambridge, having joined MedImmune (formerly Cambridge Antibody Technology (CAT) and now the global biologics research and development arm of AstraZeneca) in 1993.

An expert in antibody engineering, she originated several key publications and patents, and has also made a significant contribution to the discovery and development of marketed drugs (Humira and Benlysta) and more than 40 clinical candidates. Jane is Chair of the Board of Directors of the BioIndustry Association, a Director of Babraham Bioscience Technologies, a Director of Cambridge Enterprise and has presented at a number of parliamentary Select Committees.

21:00 Close

July 12 2018: CfBI consortia for: 'Open Innovation meets Big Data'; 'Nano Carbon Enhanced Materials / Additive Manufacture' 'Corporate Venturing Leadership' and 'Digital Health' will be meeting in separate sessions in and around Cambridge.

About our Sponsors

For 35 years, **Silicon Valley Bank** (SVB) has helped innovative businesses, enterprises and their investors move bold ideas forward, fast. SVB provides a range of targeted financial services and expertise through its office in the UK. With commercial and international banking services, SVB helps address the unique needs of innovators. The UK's leading technology and life science businesses, in all stages of development, look to SVB's niche expertise, 30 years of experience and unparalleled network, as they grow at home and tackle new markets abroad. Learn more at svb.com/uk

About Medimmune - Leading global biologics R&D With one of the largest, most robust pipelines in the pharma industry — including more than 120 research projects and product candidates — we comprise nearly half of AstraZeneca's overall R&D portfolio. We are focused on three core therapeutic areas: Oncology; Respiratory, Inflammation and Autoimmune; and Cardiovascular and Metabolic Disease. But, we also are opportunity-driven in Infectious Disease.

About Hewitsons - We are a leading law firm, providing a wide range of legal services but with a focused and precise vision. Absolute Client Focus is the guiding principle for our approach to delivering legal services from offices in Cambridge, London, Milton Keynes and Northampton and with global reach through LawExchange International, our Worldwide network. It is the principle that informs our tailored approach to our work for clients and what unites our specialist legal teams and our client sector groups. Along with outstanding client service and always aiming to achieve the very best results, at Hewitsons the client is at the centre of everything that we do. For further information visit www.hewitsons.com.

Logistics

Getting to Cambridge

Cambridge is located 50Km north of London **on the M11 motorway**.

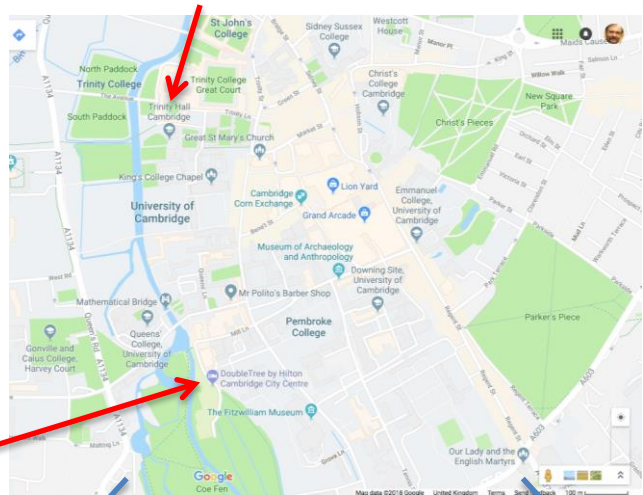
It is easily reached by train (2 fast trains per hour from Kings Cross/Eurostar 45min 2 slower trains per hour from Liverpool Street).



By Air there are several options (Stansted [recommended]: 30mins train or road), Gatwick: 95 mins by direct Thameslink train or, Heathrow [not-recommended]: 120 mins train [change at Kings Cross/St Pancras for the Piccadilly Line] or road. London City 60 min by road. Luton 50 min by road.

Trinity Hall (dinner venue)

Granta Suites (summit venue) is **15mins from Cambridge station by taxi or 25 mins walk**. Morning traffic can be quite chaotic.



Accommodation

It is worth paying a bit extra to stay overnight in Cambridge itself – and avoiding the morning rush hour.

Granta Suites is part of the Doubletree Hotel which offers rooms at the site of the Cambridge Innovation Summit.

To M11

to Cambridge Station

Parking is available at the Granta Suites site (at a charge);

Also consider: **University Arms Hotel** and **Cambridge City Hotel**. Our budget recommendation is Clifton Road or Newmarket Road Travellodge ;

CfBI can organize college rooms for a small number of consortium members.