

**Smart and Intelligent Cities SIG
'Data is Gold for Cities and Citizens'**11th October 2018

Hosted by The Bradfield Centre

This SIG is championed by **David Brown** of **GeoSpock**, **Mary-Ann Claridge** of **Mandrel Systems**, **Dan Clarke** of **Connecting Cambridgeshire**, **Paul Copping** of **Digital Greenwich**, **John Davies** of **CW** and **Miranda Sharp** of **Ordnance Survey**

Venue: The Bradfield Centre, 184 Cambridge Science Park, Milton Road, Cambridge CB4 0GA

AGENDA

- | | |
|--------------|--|
| 09:30 | Registration and networking with refreshments |
| 10:00 | Introduction to CW and the Smart & Intelligent Cities SIG from John Davies, Senior Advisor, CW |
| 10:10 | Session to be chaired by Smart & Intelligent Cities SIG Champion, Mary-Ann Claridge
'The Urban Connected Communities project and the concept of '5G-ready' Cities'
Tony Scales, Sector Coordination Lead, 5G Programme, Department for Digital, Culture, Media and Sport (DCMS) |
| 10:30 | Q & A |
| 10:35 | 'The Smart London Roadmap'
Stephen Lorimer, Smart London Strategy and Delivery Officer for the Mayor of London, Greater London Authority (GLA)
Stephen will discuss the work of the new Smart London Team, based in the GLA at City Hall. This will include the priorities of their Chief Digital Officer, the Smart London Roadmap, the Sharing Cities programme and the London Office of Technology & Innovation (LOTI). |
| 10:55 | Q & A |
| 11:00 | 'Data is infrastructure - it needs to be an independent layer'
David Alexander, Chief Executive, Mydex
Data fuels the economy and society, it underpins all transactions, it helps us plan, organise, engage, improve, streamline and personalise services. Data has been locked up in silos, run by organisations, even with the advent of open data, personal data has remained locked up, seen as an asset with endless debates of its control. For the economy and society to grow and evolve, personal data needs to be part of the infrastructure, independent and under the control of the citizen to collect, store and distribute safely and securely, when this happens innovation becomes possible. |
| 11:20 | Q & A |
| 11:25 | Refreshments and networking |
| 11:55 | Session to be chaired by Smart & Intelligent Cities SIG Champion, Dan Clarke
'Smart places and pervasive data'
Paul Copping, Chief Innovation Officer, Digital Greenwich <ul style="list-style-type: none">• Horizontal strategy for developing smart places• Hosting, artificial intelligence, distributed ledgers and standards• Future citizen experience |
| 12:15 | Q & A |

12:20	'Visualising Planet Earth' Félix Sanchez-Garcia, Lead Data Scientist, and David Brown, VP Smart City & Urban Innovation, GeoSpock How can we take the next step in 'smart data' visualization and begin to look at the planet as a single, connected, holistic system? Is that even possible?
12:40	Q & A
12:45	Panel discussion to be chaired by Smart & Intelligent Cities SIG Champion, Dan Clarke <ul style="list-style-type: none"> • David Alexander, Mydex • Paul Copping, Digital Greenwich • Stephen Lorimer, Greater London Authority (GLA) • Tony Scales, Department for Digital, Culture, Media and Sport (DCMS)
13:10	Lunch and networking
14:10	Session to be chaired by Smart & Intelligent Cities SIG Champion, Paul Copping 'Analytics, city data, planning and mobilising the community' Lorcan Burke, Advisor to Dublin City Council Smart City programme and Chairperson, Thinksmarter Analytics
14:30	Q & A
14:35	'Data: driving transport of the future' Llewelyn Morgan, Head of Innovation, IHub, Oxford County Council and Co-founder of Smart Oxford We are entering an era where data from multiple sources allows for a completely new approach to manage, model, plan our future transport systems. This is an overview of Oxfordshire's work to-date and thoughts on future potential.
14:55	Q & A
15:00	Panel discussion to be chaired by Smart & Intelligent Cities SIG Champion, Paul Copping <ul style="list-style-type: none"> • David Brown, GeoSpock • Lorcan Burke, Dublin City Council Smart City and Thinksmarter Analytics • Dan Clarke, Smart Cambridge • Llewelyn Morgan, Oxford Smart City • Félix Sanchez-Garcia, GeoSpock
15:25	Wrap-up by Smart & Intelligent Cities SIG Champion
15:30	Event closes

With the permission of the speakers, presentations will be loaded to the CW website after 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. Find out more at www.cambridgewireless.co.uk

Profile of host

The Bradfield Centre

The Bradfield Centre is a collaborative entrepreneurial community of technology start-ups and scale-ups housed in a stunning building at the heart of the Cambridge Science Park. The new Centre is expected to become the gateway and focal point for Cambridge's ever-expanding technology cluster. Designed to appeal to entrepreneurs, researchers and students, the Centre will become home to innovative high growth start-up and scale-up businesses. These will work alongside project teams from more mature, innovative businesses developing exciting new products. The Bradfield Centre was part-funded by the Department for Business, Energy and Industrial Strategy (BEIS) and is managed by workspace operators Central Working on behalf of Trinity College. The Centre is the largest of Central Working's global network of rapidly expanding membership-based communities. www.bradfieldcentre.com

Profile of SIG Champions

David Brown, GeoSpock

David has spent the past 15 years helping start-up/scale-up companies in the UK building successful Customer Service, Customer Success, and Professional Services teams. He has done this mainly as a player/coach; initially working with customers himself and only building teams once he's gained a clear understanding of what's needed to support the company's unique customer base. In 2015, he used the knowledge gained from years of working in web analytics to found Adavow, an ad suppression platform that enables advertisers and ad networks to stop serving digital ads to consumers who have recently purchased a similar item, which increases digital budget efficiency by 10% or more. David is a keen believer that the best way to become successful is to help others become successful and "What comes around, goes around." www.geospock.com

Mary-Ann Claridge, Mandrel Systems

Mary-Ann is the Lead data scientist at Mandrel Systems. She started her career with research into sonar (think Hunt for Red October without Sean Connery). She is now embracing application and technical domains including education (all the analysis, modelling and visualisation for BestCourse4Me), smart city, retail, voice and speech recognition, and financial and logistical optimisation. www.mandrel.com

Dan Clarke, Connecting Cambridgeshire

Dan is the Programme Manager for the Smart Cambridge programme which was set up to explore how data, innovative technology and better connectivity can be used to transform the way people live, work and travel in the Greater Cambridge area and beyond. Local councils, technology businesses, university researchers and partner organisations are working together to find smart ways to tackle city challenges, such as transport and air quality. www.connectingcambridgeshire.co.uk

Paul Copping, Digital Greenwich

Paul Copping is Chief Innovation Officer at Digital Greenwich, serving the Royal Borough of Greenwich, population 270,000. His role is to engage with industrial partners to deploy integrated technology solutions that will result in more innovative, agile and cheaper services for Greenwich citizens. Paul is currently working on connected and autonomous vehicles; 5G wireless; and a collaborative smart city procurement framework. Paul has an MBA in Marketing from Cass Business School and an MA in Spanish and French from the University of Cambridge. His earlier career background is in telecoms (Nortel, BT) and mobility (Transport Research Laboratory) with a focus on corporate development and innovation management. He is a Director of the City Protocol Society. www.digitalgreenwich.com

John Davies, CW

John has carried out a unique mix of strategic and operational roles with placements in the USA and Europe and partnerships in Asia. Over recent years much of his private sector and Government activities has been in the area of mobile and wireless communications, digital media, Smart Cities, Cloud and Big Data and M2M/IoT as well as emerging and disruptive technologies. Helping technology start ups in the UK and internationally sourcing technology and partners as well as provide due diligence in areas of M&A and stock listings. Operating as a UK

Government Advisor John has briefed both UK and International Government Ministers and Departments on Smart Cities and respective technologies and applications. This has included providing international workshops, mentoring and consulting at senior levels. John has designed and ran awareness and implementation workshops for international companies and led international delegations to overseas markets, the most recent to Singapore and Malaysia in partnership with InnovateUK. John is an active member of the All Party Parliamentary Group for Smart Cities. John will be engaging with potential new international companies and organisations, and supporting CW member companies. www.cambridgewireless.co.uk

Miranda Sharp, Ordnance Survey

Miranda Sharp created Ordnance Survey's Smart Practice and now heads a team which innovates with start-ups and collaborative projects using place-based insights to seize the golden opportunities now emerging from a 'Smarter' world. She is a member of the Mayor's Smart London Board, the National Infrastructure Commission's Future Technology panel, Future Leader for ICE Project 13 and a board advisor to the award-winning See Sense. She's excited about creating a world-beating digital economy in the UK based on high performing digital infrastructure and innovative business models. www.ordnancesurvey.co.uk

Profile of speakers and panellists

David Alexander, Mydex @dejalexander @mydexcic

David is the Chief Executive of Mydex CIC, who run a digital trust platform forming part of the next generation of infrastructure for cities. Mydex supports the safe and secure collection, storage and distribution of verified personal data to underpin a diverse range of transactions including identity assurance, age verification, proof of entitlement and status, travel, transport and planning. Mydex equips citizens with a personal data store and privacy protecting set of identity credentials both under their control and free for life so that they can be active participants in the digital economy independent of service providers across all sectors. David is an advocate of person centred design a concept that places the individual at the centre, able to easily, safely and securely manage where, when and how their personal data and identity is used for what purposes. Enabling a distributed ecosystem increases security, flexibility and removes the threats inherent in traditional organisational centric approaches. Mydex is working with a number of cities and innovators delivering services into Cities of the future. www.mydex.org

David Brown, GeoSpock

Profile above

Lorcan Burke, Thinksmarter Analytics (representing Smart Dublin)

www.thinksmarter.io

Paul Copping, Digital Greenwich

Profile above

Stephen Lorimer, Greater London Authority (GLA) @slorimer44

Dr. Stephen Lorimer is the Smart London Strategy and Delivery Officer for the Mayor of London at the Greater London Authority. He works in the Smart London Team who is responsible for the Mayor's plans and programmes in smart city technologies and innovation in digital public services. This includes drafting and implementing the Mayor's roadmap to make London the smartest city in the world and managing the Smart London Board. Before his work for the Mayor, he was an academic in city technology plans and advanced spatial analysis in London and New York after a career as an urban planning and design consultant to local authorities across the UK, Ireland, and France. www.london.gov.uk/smart-london

Llewellyn Morgan, Oxford County Council and Smart Oxford @llewelynmorgan

Llewellyn leads a newly established service area within Oxfordshire County Council that leads on Innovation for the Council. The Service has been built up by Llewellyn and colleagues, starting as a small outward focused Research and Innovation team, leading on developing innovative strategies and projects in Transport and Environment it is now broadening its scope to encompass challenges in Social Care, Education, Public Health supporting these

directorates to work collaboratively on innovative solutions to long held or increasing problems. The service has built up a good reputation working on 24 IUK, H2020 and EIB projects to date such as the DRIVEN CAV2 project and a new V2G project, a number of EV and CAV3 projects. These are delivered in partnership with Oxford's and other UK/international Universities and private sector partners. Llewelyn leads work on developing collaborative approaches to real world problems, this has led to collaborations such as MobOx, Culham City (AV Test Bed), Zipabout Platform development. Along with City Council colleagues he established the Smart Oxford group with Oxford's Universities, LEP and local businesses to establish the "Smart City" vision for the Oxford City Region and develop collaborations, providing the opportunity for innovative organisations to meet Oxfordshire's challenges and at the same time develop worldwide market opportunities. www.oxfordshire.gov.uk

Félix Sanchez-Garcia, GeoSpock @felsangar

Felix is a leading expert in Machine Learning and Data Science. He holds a PhD in Machine Learning from Columbia University in New York and has accumulated more than 10 years of experience applying Data Science in contrasting fields (news and media, cancer research, e-commerce and telecommunications). www.geospock.com

Tony Sceales, Department for Digital, Culture, Media and Sport (DCMS)

Tony Sceales is the Sector Coordination Lead on the DCMS 5G Testbeds and Trials Programme. Tony has spent over 25 years in the telecoms and technology industries, working on major projects at global firms including BT, IBM, Telstra, KPN, Swisscom, Prudential and China Gas, as well as with growth start-up innovators. He is an Ambassador and former Executive Committee member of the TM Forum and collaborated in producing some of the key thinking around partnership business models and B2B2X trading. His role at DCMS is to drive engagement with key players across industry sectors to encourage successful 5G investment and adoption in the UK.

www.gov.uk/government/organisations/department-for-digital-culture-media-sport

