Data Analysts User Group Conference 2019
CONFERENCE SPEAKER'S PROFILES

Tim Drye – Chair

After an initial career in academia, Tim founded DataTalk in 1996, his intention was to apply the developing statistical techniques to commercially relevant data and challenges. Since then he has remained independent, and been engaged in a wide variety of sectors and applications. This has encompassed manufacturing, distribution, marketing, selling and service, and most particularly the insights that arise from the interactions at every stage with people, both employees, intermediaries and consumers, their own connections and motivations. Currently, Tim is developing Advanced Analytical solutions with the team at yellow Zebra.

He continues to thoroughly enjoy leading DUG, building upon the profound legacy of DUG's work under the leadership of Keith Dugmore. Indeed, this year new areas of impact have come to the fore. He particularly wants to support the execution of the data science apprenticeship scheme across the UK.

Joel Stafford E.ON

"E.ON Energy Solutions deliver over £80m in energy efficiency measures through our Energy Company Obligation (ECO) each year. It is getting harder each year to find eligible people and properties required to meet our targets.

My role as Commercial Product Manager is to understand demographic and housing stock conditions in communities across the country, so E.ON can work as efficiently and effectively as possible delivering our ECO targets. The market has many players and is always changing, therefore the quality and relevance of the data I have at my disposal is paramount.

I have led on the development of a digital dashboard that combines multiple datasets ranging from public and open source information to data from satellites. Working together with software developer Astrosat and the European Space Agency we have merged data together to reduce inaccuracies as well as creating brand new indicators that enable us to direct support to the right people. I've been trailing the tool within our operational teams, gaining fantastic insight into the use of data and how it can be validated on the ground. My talk today will explore some of my learnings around the challenges and opportunities of working with data in this way."

Mark Enzer – Centre for Digital Built Britain

Mark is Mott MacDonald's Chief Technical Officer. In this role, he is accountable to the Group Board for technical excellence globally, which he drives chiefly via Mott MacDonald's internal professional networks. Mark is a keen champion of innovation in the context of collaborative delivery models and he is particularly interested in transformational change in infrastructure engineering, including the application of digital transformation, Smart Infrastructure, low-carbon sustainable solutions, platform-based delivery and design for manufacture and assembly (DfMA).

Mark is currently the chair of the Digital Framework Task Group, which is part of the Centre for Digital Built Britain. Mark was the leader of the Digital Transformation work stream as part of "Project 13" for the Infrastructure Client Group, which represents the UK's major infrastructure client organisations and he was the Lead Author of the Infrastructure Carbon Review, published by HM Treasury

Dr Louisa Nolan – Lead Data Scientist, Data Science Campus, ONS

Louisa is a lead data scientist at the Office for National Statistics' Data Science Campus. The Campus is the UK Government's a purpose-built centre of excellence for data science. Louisa plays a leading role in developing the UK's data science capability and international reputation in data science. She is responsible for exploring the latest generation of data science tools and technologies to exploit the growing availability of new data sources to support our understanding of the UK economy. Some of the high-profile programmes she has led include the use of cutting-edge techniques, such as generative adversarial networks, to generate synthetic data, ONS' Faster Indicators of UK Economic Activity Programme, and automating government consultation analysis.

Prior to joining the Campus, Louisa led the development of the UK's Enhanced Financial Accounts project, using Big Data Sources to improve our understanding of the UK's financial sector. She has also led the development and production of non-financial asset statistics in the UK's National Accounts, and of the Welsh Index of Multiple Deprivation at the Welsh Government.

Louisa's first career was in astrophysics. With 10 years' experience as an internationally-recognised academic researcher in astrophysics, and 11 years as a government statistician delivering a range of analysis to meet policy and other user needs, Louisa has a unique range of analytical experience across economic, social and astrophysical datasets.

Jonathan Reynolds – Deputy Dean, Said Business School, University of Oxford & Deputy Director of the ESRC Consumer Data Research Centre

Jonathan Reynolds is one of the leading academic experts in the study of the retail sector internationally.

He is Academic Director of the Oxford Institute of Retail Management, Associate Professor in Retail Marketing and Deputy Dean at Saïd Business School. He is also Deputy Director of the ESRC's Consumer Data Research Centre.

A geographer, planner and marketer in turn, Jonathan's teaching and research focus primarily on the retail sector. He is particularly recognised for his scholarship and expertise in the areas of electronic commerce and omni-channel retailing, innovation and entrepreneurship in retailing, retail productivity and skills, and the role of place in marketing and retailing.

His views are sought after by businesses, policy makers and the media. He is heavily committed to knowledge exchanger, actively seeking to ensure that his research can be widely disseminated amongst policy-makers and practitioners. While his academic expertise lies in marketing and geography, Jonathan's research activities have also extended into science and technology studies and strategic management.

He is a founding member of the Oxford Institute of Retail Management, and has been its Academic Director since 1999. The Institute undertakes a range of both commissioned and public domain research with direct relevance to practitioners, but which is nevertheless grounded within rigorous academic scholarship.

Professor Alison Park – Director of Research, ESRC

Professor Alison Park joined ESRC as Director of Research in January 2019. Prior to joining ESRC she was the Director of CLOSER (Cohort and Longitudinal Studies Enhancement Resources), a significant ESRC-funded collaboration based at UCL Institute of Education. CLOSER brings together eight leading UK longitudinal studies, the British Library and the UK Data Service to maximise the use, value and impact of longitudinal studies. Prior to joining UCL, Alison led a research team at NatCen Social Research which carried out a range of government and academic studies, both qualitative and quantitative. Alison was awarded a CBE for services to social sciences in the 2018 New Year Honours, and is a Fellow of the Academy of the Social Sciences.

Dr Paul Dawson – Head of Evidence and Impact, MOPAC

Dr Paul Dawson is a Chartered Psychologist and Associate Fellow of the British Psychological Society. He is currently Head of Evidence and Insight – an internally based analytics unit at the Mayor's Office for Policing And Crime (MOPAC) with the aim of conducting a wide ranging programme to the benefit of crime, justice and policy making in London. The roots of this position began in 2008 when he joined the Metropolitan Police Service as research manager – a position that continued until 2014, at which point the team was carried over to MOPAC.

Previous to this, he had worked for four years within the National Health Service based within a number of secure psychiatric units working with mentally disordered offenders. This was followed by five years as a researcher in the Home Office where he worked on a number of high profile policy evaluations.

He holds a PhD in Psychology from the University of Birmingham investigating the empirical contribution of offender weapon-use within the analysis of serious sexual offending.

Andrew Bolton – Head of Practice: Data, Analytics & Statistics, BPDTS, DWP Digital Group

"I've recently joined the Public Sector after a long career in the Private Sector, my most recent roles as Data Science Director for a global Software-as-a-Service provider and prior to that as a Chief Data Officer at a Credit Reference & Fraud Prevention Agency. I'm a Fellow of the Royal Statistical Society, a cross-industry and cross-sector Mentor, and until recently an Associate Faculty at the University of Leeds.

My new role, as Head of Practice for Data, Analytics & Statistics, and includes thought leadership, strategic vision, best-practice, tooling, voice-of-the-customer advocacy, market positioning, professional development & training, demand planning and capacity management.

As a formative practice this role includes driving capacity and growth, developing capability and shaping the Communities of Practice serving DWP & DWP Digital needs.

The practice includes Data & Feature Engineers, Analysts, Statisticians and Data Scientists, and Insight & Data Visualiser with Data Professionals in multidisciplinary teams delivering Practice-as-a-Service, Data-as-Service and Software-as-a-Service for DWP Digital across a huge range of digital transformation projects and services utilised by over 22 million users."

Peat Allan – GSS Quality Review Programme, OS

Peat Allan has worked for Ordnance Survey for the past 25 years, most of that time has been spent helping their customers use geographical information to solve problems. He has worked extensively on environmental and land and property issues where he has mixed spatially 'explicit' data with a range of other information to determine where things happen and why that might be. He is currently very interested in the need for more housing and the environmental performance of our existing housing stock. He has recently been supporting HMCLG look at the use of Government land to meet the house building agenda.

Lt Col Paul M Hammett RE Commanding Officer 42 Engineer Regiment (Geographic)

Having completed a BSc Hons degree in Geography, from the University of Manchester, Lt Col Paul Hammett commissioned into the Royal Engineers in April 2000. He completed the British Army's Long Army Survey Course, an accredited Cranfield University MSc in Defence GIS, in 2003, prior to assuming command of 42 Engineer Regiment's Specialist Support Team, where he provided geospatial advice and support to UK counter terrorist and EOD operations.

A deployment to Iraq, as a Geographic staff officer, preceded several assignments back into mainstream engineering roles. In early 2006 he deployed with a Squadron to Helmand province, in Afghanistan, and was responsible for managing the military construction force that built Camp Bastion. In 2012 he took command of 3 Armoured Engineer Squadron, 22 Engineer Regiment, deploying back to Afghanistan, in a close support role.

He subsequently moved to the Joint Forces Intelligence Group (JFIG), as the Commander's principal staff officer, providing geospatial advice to the analytical processes undertaken to support Defence Intelligence. On selection to Lieutenant Colonel, he attended the Advance Command and Staff Course (ACSC) and completed the associated Kings' College Master's degree. He assumed command of 42 Engineer Regiment (Geographic) in August 2017.