

**27<sup>th</sup> Annual Traffic Signal Symposium**  
**(PROVISIONAL) PROGRAMME – Day 1 :**  
**Wednesday 14<sup>th</sup> September 2022**



**Session 1    09.30 – 10.30                    Chair - Jennie Martin – ITS UK**

**Welcome & Introduction**

John Nightingale – JCT Consultancy

**Enhancing vehicle perception using V2X communication**

Jack Durdle - Yunex

**Keynote Address: Where are we now? A look at connected vehicle technology use in 2022**

Darren Capes – DfT

**Break and an opportunity to browse the exhibition area**

**Session 2    11.00 – 12:30                    Chair - TBC**

**The Carbon Conundrum – How do we further improve the environmental credentials of our signal installations?**

Alistair Gollop - Mott MacDonald

**A collaborative approach + Smart Technology = safer active travel infrastructure and less congestion as part of a strategic corridor project.**

Peter Cattell - Clearview & Sean Higgins - Hull City Council

**Decarbonising Networks one step and pedal at a time**

Gavin Jackman - City Science

**Live Labs project, addresses air quality challenges using artificial intelligence.**

Emily Madsen – Staffordshire CC & Paul Hudson Now Wireless

**Lunch and an opportunity to browse the exhibition area**

**Session 3    14.00 – 15:30                    Chair - Gavin Jackman – City Science**

**MOVA User Group Update**

Chris Kennett – Chris Kennett Consulting

**AI Incident Detection with minimal input and infrastructure**

James Daniels & Carles Illera – Aimsun

**Using AI to support traffic control systems**

Robert Whiteside & David Clegg – Kirklees council, Keith McCabe & Professor Lee McCluskey – Simplifai systems & Mauro Vallati – University of Huddersfield

**MOVA vs. VivaCity: MOVE-Aside and make way for the next generation of Signal Control**

Matt Shaw - Vivacity

**Smart radar – upgrading the technology on Lincoln Road Newark**

Peter Eccleson - SVS

**Break and an opportunity to browse the exhibition area**

**Session 4    16.00– 17.25                    Chair - Mark Pleydell – Pleydell Technology Consulting**

**Rethinking approaches to adaptive control – a FUSION update from Yunex Traffic**

Dr Andrew Hamilton - Yunex

**GLOSA in Manchester as part of an immersive national IVS system**

George Brown - KL Systems

**Using Cloud-Based Software, leveraging high fidelity GPS ‘Trajectory’ Data to identify and understand signal performance network wide**

Martin Rodgers & Dominic Paulo – INRIX

**Bringing colleagues together through UTMC**

Sam Brierley – Swarco & David Hilton Barber – Derbyshire County Council

**Close**

**27<sup>th</sup> Annual Traffic Signal Symposium**  
**(PROVISIONAL) PROGRAMME – Day 2 :**  
**Thursday 15<sup>th</sup> September 2022**



**Session 5    09.15 – 10.30            Chair - Paul Hutton – Highways News**

**Five Second Minimum Green: Times they are a changin'**  
Christopher Blucke & Jennifer Treen - TfL

**Is my signal design reasonable? Using different model outputs to enhance scheme designs**  
Adam Greenland & Lucy Beeston – TfL

**CYCLOPS Junction Design – Real Life Worked Examples**  
TBC – TfGM

**Break and an opportunity to browse the exhibition area**

**Session 6    11:00 – 12.30            Chair - Michelle Fillingham – BCP Council**

**I told you so : the second coming of UTMC**  
Shailesh Mistry – Swarco

**Minimising Delays During Junction Improvements: Portable or Temporary Signals?**  
Gordon Stitt - SRL, Spencer Wilson & Martha Hoskins - Red Wilson Associates

**Conceptualising the next generation of Intelligent Traffic Signage**  
Stewart Hill – TWM

**Prioritising Active Travel through next generation data**  
Eliza Moyses – ngenius.ai & Alex Cliff – Norfolk County Council

**Lunch and an opportunity to browse the exhibition area**

**Session 7    14:00 – 16:10            Chair - TBC**

**Tall Tales: Poles, Heads and Arms**  
Phil Shoobridge - Jacobs

**Everything that you need to know about 5G but didn't know what to ask.**  
Peter Simm – Mobius Networks

**Through-about and double-through-about junctions**  
Jonathan Flynn – National Highways

**Optimising Pedestrian Crossings - The Role of Pedestrian Detection**  
Andrew Caley Chetty - Starling Technologies

**Prizes**  
**Institute of Highway Engineers**  
TBC - IHE

**Closing address**  
John Nightingale - JCT

**Close**