

27th Annual Traffic Signal Symposium
PROGRAMME – Day 1 :
Wednesday 14th 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 Traffic

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 - Margaret Bell – Newcastle University

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

Towards Efficient Incident Detection in Real-time Traffic Management

Carles Illera López – Aimsun

Using AI to support traffic control systems

Robert Whiteside Kirklees council & Keith McCabe – Simplifai Systems

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 & Bob Roth VIA - East Midlands

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 Traffic

Minimising Delays During Junction Improvements: Portable or Temporary Signals?

Gordon Stitt - SRL, Spencer Wilson & Martha Hoskins - Red Wilson Associates

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

Martin Rodgers & Dominic Paulo – INRIX

Day 1 closing address

John Nightingale – JCT Consultancy

Close

27th Annual Traffic Signal Symposium
PROGRAMME – Day 2 :
Thursday 15th 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
Charles Taylor – 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
Dr Shailesh Mistry – Swarco

GLOSA in Manchester as part of an immersive national IVS system
George Brown - KL Systems

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

Prioritising Active Travel through next generation data
Linford Bacon – ngenius.ai & Alex Cliff – Norfolk County Council

Lunch and an opportunity to browse the exhibition area

Session 7 14:00 – 16:10 Chair - Alistair Gollop – Mott MacDonald

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

Everything that you need to know about Mobile Data but didn't know what to ask.
Peter Simm – Mobius Networks

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

Optimisation of Signalised Pedestrian Facilities for Sharply Changing Demands
Andrew Caley Chetty - Starling Technologies

Prizes
Institute of Highway Engineers
TBC - IHE

Closing address
John Nightingale - JCT

Close