

30th Annual Traffic Signal Symposium

PROGRAMME – Day 1 :

Wednesday 24th September 2025



Session 1 09.15 – 10.40 Chair - Eric Sampson CBE

Welcome & Introduction.

John Nightingale – JCT Consultancy

Real-world improvements with adaptive signal control

Andy Hamilton – YUNEX Traffic

CHARM – Advanced Traffic Management System for National Highways

Tim Wray – Kapsch & Trudie Udell – National Highways

KEYNOTE ADDRESS : The Future

Steve Gooding – RAC Foundation

Break and an opportunity to browse the exhibition area

Session 2 11.10 – 12:40 Chair - Paula Claytonsmith - LCRIG

Update from the Department for Transport

Darren Capes – Department for Transport

How TSOG Improved Travel, Energy and Future Readiness in Rotherham?

James Drinkall & Mick Powell - Rotherham Borough Council

Remotely Operated Signals (REMOS): A Safer, More Cost-Effective, and Environmentally Friendly Traffic Management Solution

Gordon Stitt – SRL

Radar detection solves traffic headache at a major roundabout

Peter Eccleson - smartmicro UK & Nigel Taylor - Plymouth City Council

Policy-driven adaptive control - does it work?

John Ball - SWARCO & Jason Hole - Cheshire East Highways

Lunch and an opportunity to browse the exhibition area

Session 3 14.10 – 15:20 Chair - Alistair Gollop – ITS & Traffic Signal Cons.

MOVA User Group Update.

Chris Kennett – MOVA Users Group Chair

A novel IOT detector for traffic data collection

Luca Fusina - Sensebit & Chris Webb - C&T Technology

Swansea Bay & West Wales Metro: A Bus Priority Story

Mark Stapley - Aecom & Gareth Jenkins - Swansea City and County of Swansea Council

Safety in numbers - how predictive AI can be used to overcome crowding and improve pedestrian safety at busy crossings

Rob Whiteside - Kirklees Council & Andrew Caley Chetty - Starling Technologies

Break and an opportunity to browse the exhibition area

Session 4 15.50– 17.10 Chair - Mike Guerin - SWARCO

Harnessing computer vision to improve the pedestrian experience

Joel Dodsworth – Leeds City Council

All Under Control: Junctions at Active Travel England

Zac Mabbs - Active Travel England

Early and Late 20th century developments in Traffic Control; two significant periods in UK Signalling history

Howard Saffer & Peter Bull

Day 1 closing address

John Nightingale – JCT Consultancy

Close

30th Annual Traffic Signal Symposium
PROGRAMME – Day 2 :
Thursday 25th September 2025



Session 5 09.15 – 10.35 Chair - Jennie Martin MBE – Trustee PACTS

What's data got to do with it?

Andrea Newman - SWARCO

Traffic management using a digital twin simulation; results from a switch-on / switch-off test in York.

Michael Oliver - PTV UK & Michael Banham - City of York Council

Estimating the capacity of pedestrian crossing phases

Phil Shoobridge - Jacobs

Shaping the Future of Mobility: Adaptive, connected and Resilient Transport Solutions

Wendy Davidson – TRL Software & Joseph Mundy - Milton Keynes Council

Break and an opportunity to browse the exhibition area

Session 6 11:10 – 12.40 Chair - Margaret Bell CBE – Newcastle University

Upstream-gating merge-control which maximises urban road network capacity and reduces bus delays

Professor Mike Smith - University of York & Richard Mounce - RBM Traffic Solutions

Blackpool Smart Traffic Corridors

Shane Collins – 4way Consulting & TBC - Pell Frishman

A new river crossing for London – NPD's involvement in the opening of Silvertown Tunnel

Dave Korson – Transport for London

Signaling a New Phase of Roundabout Control

Sam Oldfield – YUNEX traffic

Lunch and an opportunity to browse the exhibition area

Session 7 14:10 – 16:15 Chair - Paul Hutton – Highways News

Signallers Question Time

Panel (Chair Paul Hutton):

Emily Madsen – Staffordshire County Council

Chris Kennett – CKC Ltd

Peter Routledge – IRC consultancy

Mark Pleydell – PTC Ltd

The Long Crossing – a review of pedestrian crossings through shuttle-controlled signals

Robert Mansell - Dumfries and Galloway Council / Waterman Aspen

Incorporating Passive Safety Into Traffic Signals Designs

Ashley Newnham

Value Engineering

Lyndon George - Reading Borough Council

Prizes

Institute of Highway Engineers

Rebecca Bollen & Gafoor Din – Institute of Highway Engineers

Closing address

John Nightingale – JCT Consultancy

Close