

Twenty Nine Years of the JCT Traffic Signals Symposium – A retrospective

John Nightingale – Director JCT





1996 - University of Nottingham

Traffic Signal Symposium 1996

**Thursday 26th & Friday 27th September
Programme**

Thursday

10.30 Opening address (Brian Simmonite JCT)

10.40 Session 1 Inovative Junction Design
(Chaired by Brian Simmonite - JCT)

Signallised Roundabouts	(Douglas Reid - Leicestershire County Council)
A610 Nuthall Roundabout	(Alan Solani - Nottinghamshire County Council)
Cherry Lane Roundabout	(Mick Hopper - Dorset County Council)
Sefton Signabout	(John Peirce - Transport Research Laboratory)
Leicester Squareabout	(Douglas Reid - Leicestershire County Council)
A52 Sherwin Arms	(Alan Solani - Nottinghamshire County Council)
Maximum Capacity	(Brian Simmonite - JCT)

12.45 Lunch

14.00 Session 2 Controllers & MCE 0141
(Chaired by David Martin - Siemens)

Manufacturers Update

Microsense	Dave Lawrence
Siemens	David Martin

Configuration Examples - User Experiences
Andy Dixon - Nottinghamshire County Council

15.15 Tea/Coffee

15.45 Session 3 Installation Practices
(Chaired by John Byron)

Equipment renewal in Greater London	- Dave Rostron (London TCSU)
Loop feeder connections	- Andrew Wallace (Cambridgeshire CC)
Design / Installation / Commissioning /	
Maintaining / Modificatons and Removal	- John Byron.

17.30 Close

Friday

09.00 Session 4 Bus Priority
(Chaired by Douglas Reid - Leicestershire County Council)

Presentation by Jonathan Oakes (Oscar Faber)
'SPRINT' project - Jasen Allen (London TCSU)
Bus Priority in MOVA - John Peirce (TRL)

10.45 Coffee

11.15 Session 5 General Design Topics
(Chaired by Chris Hext - Microsense)

New Toucan	Colin Riding (Warwickshire County Council)
Call Cancel Loops	Chris Hext (Microsense)
Overhead Extns	Dave Lawrence (Microsense)
Cabling	Dave Wood (Nottinghamshire County Council)
Intergreens	Douglas Reid (Leicestershire County Council)
	Dave Parker (Nottinghamshire County Council)
Phase Allocations	Chris Hext (Microsense)
Test Schedules	Dave Wood (Nottinghamshire County Council)
Safety Issues	Douglas Reid (Leicestershire County Council)

12.45 Lunch

14.00 Session 6 Systems & Software
(Chaired by John Peirce TRL)

MOVA

Use of MOVA
- practical assessment by John Spence (Peter Finlayson Associates)
Stage Choice in MOVA - John Pierce (TRL)

SCOOT

Provision for Emergency Vehicles in UTC - Les Heath (Bedfordshire CC)
Update on Version 3 - Geoff Maynard (Siemens)
Traffic Control & Management into the 21st Century
- Simon Jones (Oscar Faber)

SOFTWARE

LINSIG update - Brian Simmonite (JCT)
TRANSYT Version 10 - John Pierce (TRL)
TRANSYT Shell - Brian Simmonite (JCT)

15.50 Closing address

16.00 Close & Coffee

1996 - University of Nottingham

- Attendance : 121
- Papers : 31

Timeline

- 1996 – 1999 : University of Nottingham

Timeline

- 1996 – 1999 : University of Nottingham
- 2000 – 2008 : Jubilee Campus Nottingham

2000 to 2008 – Jubilee Conference Notts

TRAFFIC SIGNAL SYMPOSIUM

Specialist annual forum for Traffic Engineers

Wednesday 13th & Thursday 14th September 2000

at
**The University of Nottingham
Jubilee Campus**

**Only £99 plus VAT per person
including lunches & refreshments.**

**Dinner, Bed & Breakfast available
at £45 per night.**

In 1999, over 120 delegates attended the Symposium.
This year, we are moving onto a new campus which has en-suite
Bedrooms, lecture theatre and bar in one location.

If you are involved in Traffic Signal work
we would like to see you at this event.

If you would like to make a short presentation
or if you can present a major topic
I would like to hear from you

2000 to 2008 – Jubilee Conference Notts



2000 to 2008 – Jubilee Conference Notts



Traffic Signals Symposium & Exhibition

8th & 9th September 2004
Nottingham University Jubilee Campus

Now in its ninth year, the Symposium has established itself as one of the major events in the traffic control industry calendar. The Symposium not only provides a wide range of topical Traffic Signals related papers but is also intended as a forum where over 200 key traffic engineers can discuss the latest industry developments and projects. For those staying on site overnight, the Symposium Dinner and evening events provide plenty of opportunity to catch up with colleagues and discuss the latest happenings within the industry, or to continue the technical debate from the day's lectures. The Symposium also features an informal Exhibition which includes key industry exhibitors such as Siemens Traffic Controls, Peak Traffic, AGD, JMW, NAL, Westcoast, WSP, Integrated Ducting Systems, Environmental Street Furniture, Corval and SIAS.

Wednesday 8th September 2004

GPDS Based On Street Transmission
Removal V Signage - Transport for London
Smart Communications in Action
Cable Location - Siemens
Optimising Communications Networks
Active City - Hampshire County Council
Signalling for Light Rail - Looking Back 20 Years On
High Performance Best From Signal Priority
Merry Hillworth - Leeds City Council
Connectivity for Seniors
New Developments in LENS for Windows
Paul Moore & Peter Cheng - JCT Consultancy
Performance Assessment of Signalised Junctions
Salem Bani-Zai & Graham Farnham - DS Consulting Engineers
Recent Work on RTDS
Opposed Right Turn: Alternative Solutions
David Parker - West Midlands
Application of Roadwork in the Design of a Signalised Roundabout
Robert Sledge - White Young Green
The Use of Automatic Number Plate Recognition Technology
Mark Stanger - Siemens
Intelligent Bus Priority in Bristol - Part 2: The Results
Brent Stanger - Bristol City Council
LED Traffic Signal Use in N America & Europe
Liam Brown - ISScom

Thursday 9th September 2004

NOVA Rules
Rural Manned - TFL Ltd
Traffic Enforcement - Making the Most of It
Gary Davies & Robert Steer - Transport for London
Digital Traffic Enforcement
Jim Lewis - Transport for London
Robbie Corbett - Adams
Approaching the Sharp End
Phil Broadbridge - Holloway Group
Including TIS in Measurement Models
Peter Sykes - SAG
Using Power Settings in a TRANSYT network
Brian Simons - JCT Consultancy
Vehicle Activated Signage
Neil Mayhew - Westcoast
SCOOT and Microsimulation
Russell Carter - Siemens
Public Crossings - Delivering the Benefits
Ian Todd - JCT Consultancy
RTM Applications
Gavin Smith - White Young Green
The Essex Traffic Control Centre
Richard Taylor - Adams
Simple Junction Performance Indicator
Keith Wood - TFL Ltd
Traffic Signal Strategies for Shill's KC Stadium
Dave Carr - Hull City Council

"The most friendly and practical conference that I remember attending."
Vanessa Kovacic, Senior Technical Advisor (Traffic), Highways Agency

"The Symposium really is an extraordinary event. It is not often that you find so many professionals, all of them very busy and under a lot of pressure in their jobs, getting together totally committed to sharing best practice. I'm not sure which is more important, the papers or the networking, but they both seem to work."
Carol Doherty, Editor, TEC Magazine

"The ideal forum for keeping up to date with the latest developments in the Traffic Signals industry"
Brian Martin, Holloway Group

Total cost for both days of this event is only £185 + VAT
Includes a comprehensive copy of papers, lunch & refreshments. Excludes Dinner, Bed & Breakfast which are available on the custom built Jubilee campus site at £100 + VAT. Dinner on the main Wednesday evening is semi-formal.
Please remember to book early to guarantee your place and avoid disappointment as places are limited by the venue.
Further information, latest details and a booking form are available on our website www.jctconsultancy.co.uk.

JCT Consultancy Ltd.
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website: www.jctconsultancy.co.uk email: sales@jctconsultancy.co.uk



2003



2003



2004



2008



2005

Timeline

- 1996 – 1999 : University of Nottingham
- 2000 – 2008 : Jubilee Campus Nottingham
- 2009 – 2010 : University of Hertfordshire

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- 2011 – 2017 : University of Warwick

Timeline

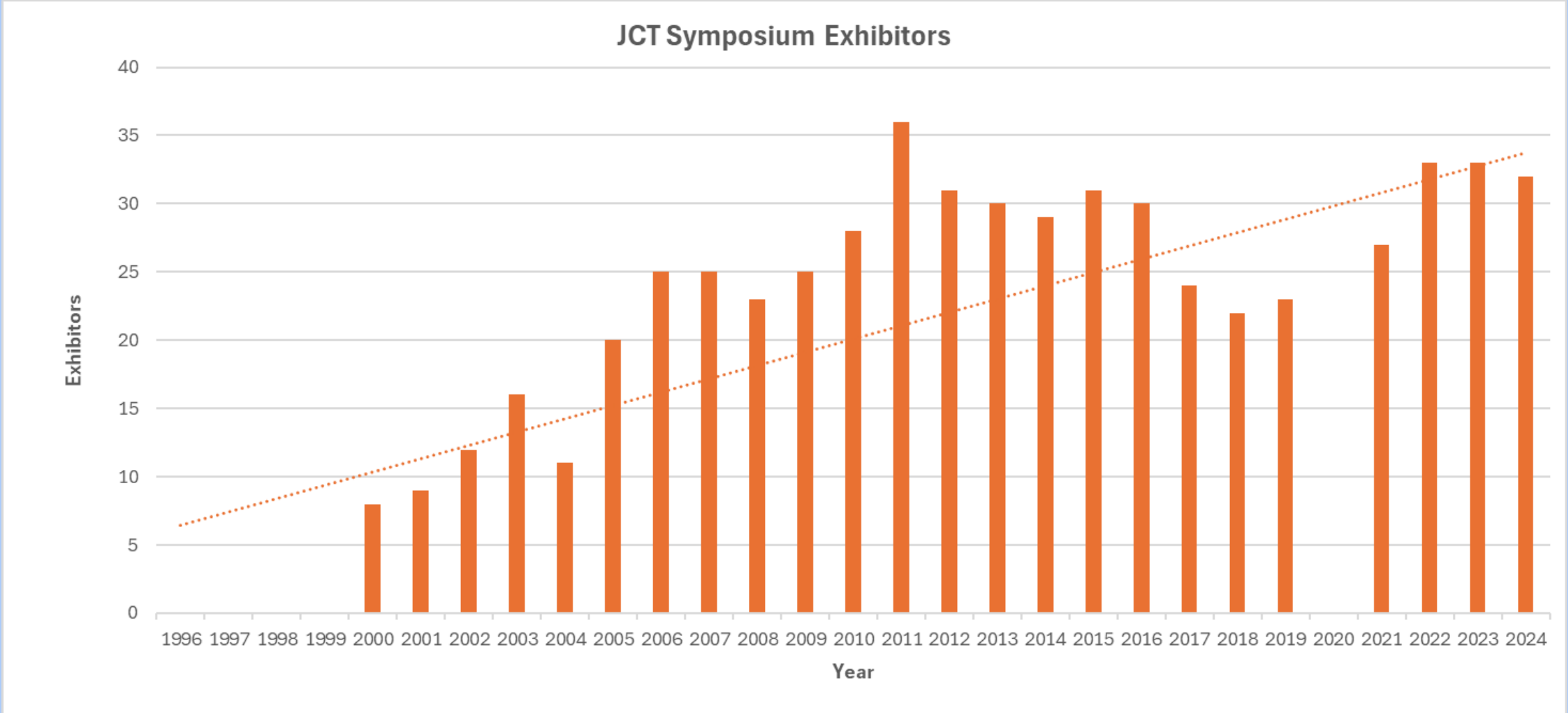
- 1996 – 1999 : University of Nottingham
- 2000 – 2008 : Jubilee Campus Nottingham
- 2009 – 2010 : University of Hertfordshire
- 2011 – 2017 : University of Warwick
- 2018 – 2024 : Nottingham University

Exhibition

Exhibition officially started in 2000 with 8 exhibitors



Exhibition



Exhibition



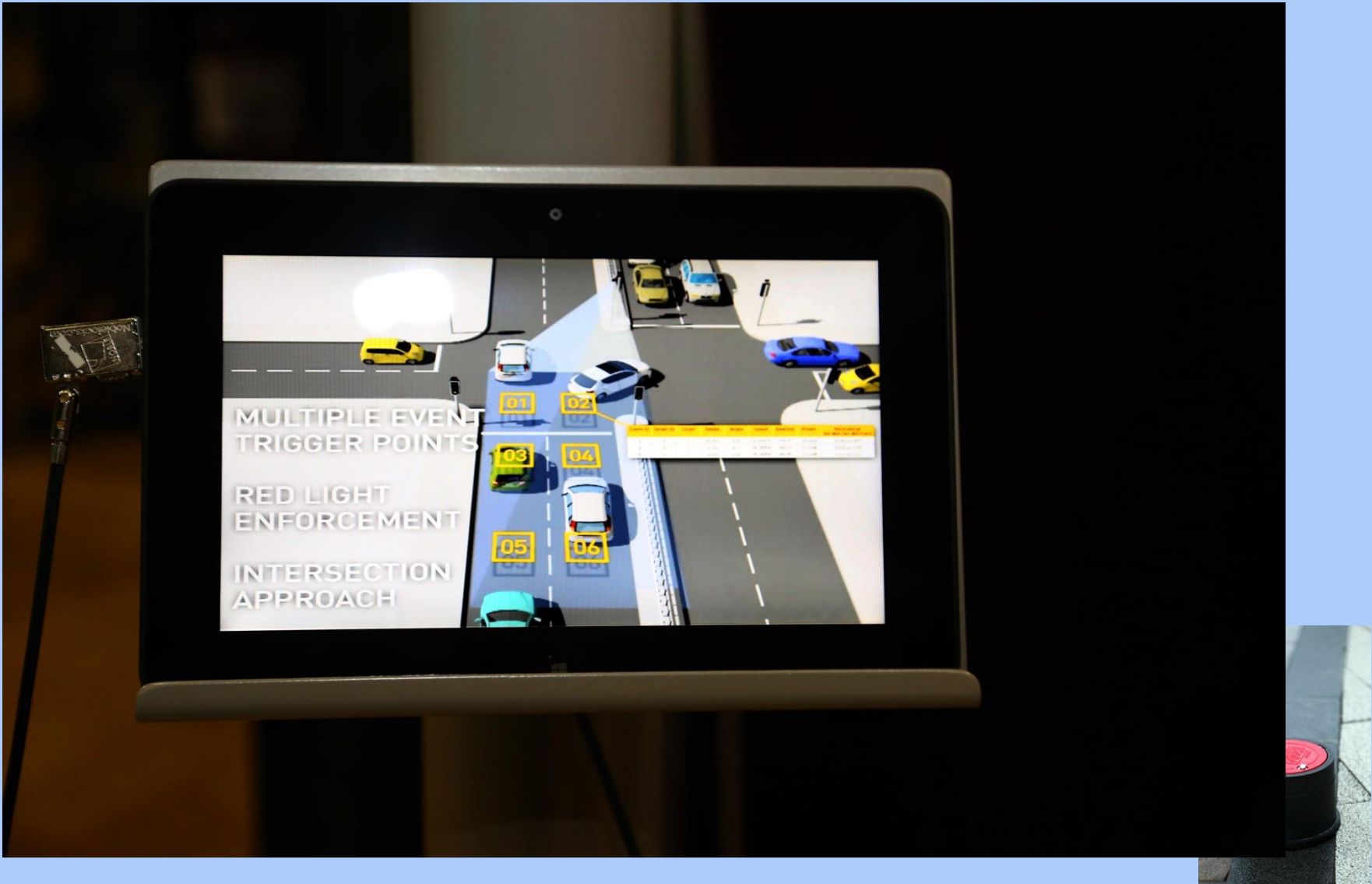
Exhibition



Exhibition



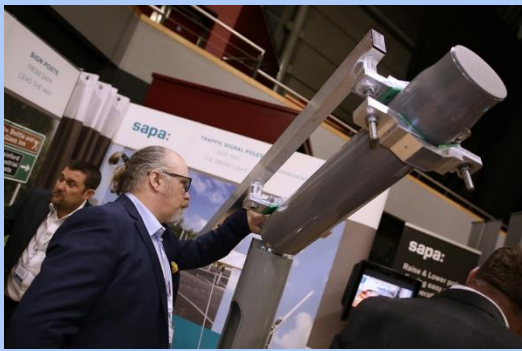
Exhibition



Exhibition



Exhibition



Learned Programme



Learned Programme



The logo for the Department for Transport, featuring a stylized train icon and the text 'Department for Transport'.

Chapter 6: Traffic Control

- Why?
 - Existing guidance out of date
 - In many different places
- Will supersede:
 - LTNs 1/95, 2/95, 1/98
 - TALs 5/05, 1/06, 1/08
 - TD50/04 (in relation to roads with speed limits 40mph and under)
- Will include advice on signs and markings from other chapters

The cover of the 'Traffic Control' guidance document. It features a green header with the title 'Traffic Control' and a subtitle 'Guidance for Road Maintenance and Roadworks'. Below the title is a photograph of a road with a red car and a white van. At the bottom, there is a red and white hazard symbol.

Learned Programme



Learned Programme



29th JCT Traffic Signals Symposium 2024



A brief video of the local reaction to the scheme





 SAFER
GREENER
MORE EFFICIENT

 smartmicro

 PTV GROUP
part of Umovity

 iway
Consulting

 SENSYS
networks
A TAGMASTER COMPANY

 STARLING
TECHNOLOGIES

 TRAFFIC
GROUP
SIGNALS

 TRL
Software

Learned Programme



Learned Programme

28th JCT Traffic Signals Symposium 2023



Learned Programme



Learned Programme

**722 Presentations
since 1996**

JCT Traffic Signals Symposium 2024

by JCT Consultancy Ltd

Playlist • 39 videos • 432 views

A selection of Presentations, Exhibitor Interviews and Previews for the JCT Traffic Signals Symposium [more](#)

▶ Play all
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1



How should we use Artificial Intelligence in Traffic Systems - Alistair Gollop - ITS Now

JCT Consultancy Ltd • 73 views • 4 months ago

⋮

2



A pioneering use of Artificial Intelligence to manage traffic Marc Roberts & Keith McCabe Simplifai

JCT Consultancy Ltd • 35 views • 4 months ago

⋮

3



Showcasing the importance of data integrity, Cycling Scotland's Data Integration - Gavin Jackman

JCT Consultancy Ltd • 9 views • 4 months ago

⋮

4



Design, Perception and Driver Behaviour - Chris Kennett & Ethan Baxter - Chris Kennett Consulting

JCT Consultancy Ltd • 30 views • 4 months ago

⋮

5

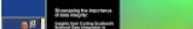


Case Study, Loop Replacement & Wireless Detector Connection - Scott Hatcher & Jackie Davies

JCT Consultancy Ltd • 22 views • 4 months ago

⋮

6



Public Roads but Private Vehicles - Mark Pleydell - PTC Ltd

JCT Consultancy Ltd • 47 views • 4 months ago

⋮

7



Modelling Pedestrian Stages Better A Probabilistic Approach- Tobias Moeller - TfGM

JCT Consultancy Ltd • 38 views • 4 months ago

⋮

8



Traffic Modelling and Flow Rates from Floating Vehicle data - Peter Richards & Jason Loader

JCT Consultancy Ltd • 106 views • 4 months ago

⋮

JCT Traffic Signals Symposium 2024

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MOVA Users Group

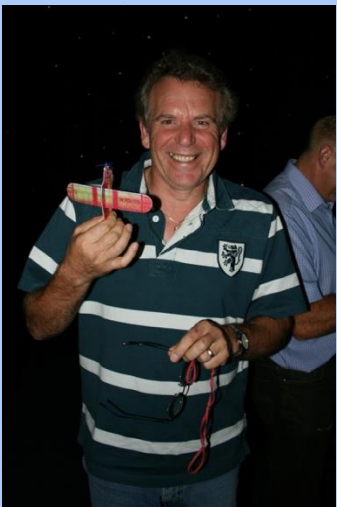
- **Contiguous to Symposium**
- **Free to attend**
- **Fully funded by Partners**



Networking



Networking



30th Symposium : 2025

- Royal armouries Hall

24th & 25th September 2025

MOVA Users Group 23rd Sep.

- Hotel on site
- Queens Hotel
- Adelphi



Wrapping Up

- 29 Years continuous Symposia
- Total number of attendees : 6,679
- Highest number of attendees : 2020 - 481
- Total number of Presentations : 722
- Total exhibition Stands : 583

Thank You

