



16th JCT Symposium

The longest day is over and September approaches which means the annual JCT Traffic Signals Symposium can't be far away. There are a number of good offers available so check the website at www.jctconsultancy.co.uk

This is the 16th consecutive event and has a new venue at the University of Warwick. Warwick's award winning conference facilities are impressive, with excellent lecture, theatres exhibition space and with accommodation all on one site so delegates will have the maximum time for networking.

Over the two days there will be approximately 24 papers from leading practitioners, academics and suppliers and as well as welcoming back some familiar faces there are many new comers this year. The lecture programme is almost full but there is still space for anything particularly innovative and interesting. To submit an idea contact John Nightingale: john.nightingale@jctconsultancy.co.uk.

And remember, speakers come free on the day of speaking.

Once again the exhibition is being well supported with over 30 exhibitors already confirmed including many who have never exhibited before. Over the years the exhibition has become an integral part of the event and offers delegates access to a very specialist and focussed group of companies which benefits both exhibitors and delegates. Once again, exhibitors are sponsoring many events including the Barbecue on Tuesday night and the drinks reception and Gala dinner on Wednesday night.

In recognition of tight budgets JCT are again offering important concessions this year including (limited) free places on multiple bookings, see the web site for details.

SAMPLE OF CONFIRMED PAPERS:

Making part-time signals viable – Christopher Tebb, Mott MacDonald

Following the County Surveyors' Society (CSS) study in 1997 into accidents at sites with part time signals part time signals have largely fallen into disrepute. Christopher proposes a novel and solution using Intelligent Road Studs

ITS in a non-metropolitan county – Donal Hodgins, Kildare County Council

Following his recognition for "the most entertaining paper" 2010, Donal will return with a paper on the practical issues surrounding ITS provision in Kildare.

Adopting new approaches to UTMC communication networks - the benefits and the pitfalls – Stewart Haile, IT4Automation Ltd

A brand new speaker joins us this year from IT4a. Stewart will present a case study of the UTMC upgrade at J11 of the M4 where cost was a major consideration

Simulation & testing of strategic traffic control rationales – Martin Wylie, Southampton City Council

Martin Wylie returns to the stage again this year to discuss collaborative work with Traffic Simulation Systems in creating a new interface between micro-simulation and off-line UTC emulation. TSS will also be exhibiting and showing the simulation in practice on their stand.

Long pedestrian crossing design and assessment – David Prior, Watterman

After a 4 year absence from the Symposium Stage David Prior returns to discuss the particular difficulties and pitfalls with designing long, single, direct, pedestrian crossings

Addressing the challenges of pedestrian detection –Keith Manston, Siemens

Keith Manston will explore the challenges, benefits and opportunities of using radar technology to detect pedestrians.

Broad noise evaluation using microsimulation – Pete Sykes and Drew Hill

After a few years absence Pete Sykes (formerly of SIAS) will return along with Drew Hill from SIAS to share the work they have been undertaking using microsimulation to investigate the variation in noise levels dif-

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SYMPOSIUM DETAILS

Dates: 21st & 22nd September 2011
(MOVA user group 20th Sept)

Venue: University of Warwick
Adjacent to City of Coventry, 3 miles from centre and 7 miles from Warwick Castle. Campus-based accommodation with wide range of bars, cafes and restaurants and sports facilities including a pool.



Generous sponsorship from suppliers ensures that prices are kept as affordable as possible.

ferent locations on the road network and the detailed effects of flow variation, stop/start driving in congestion and queues at signalised junctions.

Traffic signal control - have we gone too far? – Keith Firth, Colin Buchanan

Keith will be discussing the Portishead and Bristol trials which involved removing traffic signals and considering the implications of further planned trials. He will discuss the potential for relaxing formal controls along a corridor of linked junctions.

A green wave reprieve – Blaise Kelly, Student

A new comer to the symposium stage, Blaise Kelly will discuss synchronising large numbers of signals using basic mechanics formulae as opposed to SCOOT. He will compare scenarios using a 12km square area Paramics model of Chorlton cum Hardy in Manchester.

Reducing lifetime cost for SCOOT and MOVA via smart vehicle detection – Graham Muspratt, Clearview Traffic Group Ltd

The magnetometer marches on. In what is becoming a series of presentations cataloguing the rise of Magnetometer use Graham will explain how Aberdeen City Council have been replacing traditional SCOOT loops with

Magnetometers in an attempt to drive up detection reliability.

We've got a cunning plan . . . to really get more for less! – Ian Routledge (IRC) & John Nightingale (JCT)

Ian Routledge and John Nightingale will examine the current weaknesses in the current planning/signal design process and suggest a better way forward to ensure delivery of optimum signal solutions that really will provide more benefits and reduce implementation and operating costs.

Buying Solutions - Traffic Management Technology Framework – Gafoor Din, Warwickshire County Council

Following on from last years presentation Gafoor Din will update the symposium on the progress of the Buying Solutions Framework agreement for purchasing Traffic Management Technology enabling customers to specify an output based requirement to deliver a bespoke solution or technical based specification for the purchase of commoditised goods and services

SPOT the difference – Kevin Gilday, Swarco Traffic Ltd

Traditionally in the UK SCOOT and MOVA have been the chosen control strategies in the traffic engineers toolbox but in Europe the situation has been very different. With the arrival of Swarco Traffic Ltd into the UK market comes the opportunity for some of the European products and strategies to be deployed and fully supported in a way that has not been possible before.

Unlocking the potential of your Traffic Management System – Mark Bodger, Siemens

Mark Bodger will review the latest developments in the UTMC arena and explores the benefits they bring to both Traffic Managers and Local Authority budgets owners.

Lower emissions through new transport technology solutions – Siebe Turksma, Peek

Sieba Turksma will introduce the EcoFlex pilot which seeks to achieve the right balance between capacity and public transport, cycle and pedestrian utility through a real-time, low cost measurement of the actual emissions levels. And will discuss the FREILOT pilot project which uses cooperative technology to give priority to HGVs.

LinSig 3.1 a major leap forward in network modelling – Paul Moore, JCT Consultancy Ltd

Following the release of LinSig 3.1 Paul Moore will introduce major new features including Lane Based flow entry with flow layers, multiple cycle times, multiple intergreen sets, audit tools and enhancements to SCATS based modelling.

The future role of the ADEPT Traffic Systems Group in representing user needs in the UK traffic systems industry – Adrian Gray, Hampshire County Council

Adrian will present a paper on the future of ADEPT (Association of Directors for Environment Planning and Transportation) Traffic Systems Group, the future of EITAC (Electrotechnical Industries Traffic Control Advisory Committee) and the opportunities for a possible product assurance type scheme

Scheme example for the A303 Countess Roundabout – Alistair Gollop, Mott MacDonald

Alistair Gollop will take the symposium through a scheme which presented a number of particular challenges. Utilising ELV, being Passively Safe and under MOVA control with Wi-Fi and Web interface the scheme will demonstrate best practice.

Arcady health warning revisited – Barbara Chard, Consultant, JCT Consultancy Limited

Since Barbara's TEC paper titled (ARCADY HEALTH WARNING – Account for Unequal Lane Usage or risk damaging the public purse, TEC Vol 38 No 3, March 1997), thankfully, most local authorities and traffic modelling consultancies throughout the UK have studied and applied the suggested remedial actions outlined in the 1997 paper. Over the 14 intervening years the author has gathered sufficient site data and conducted numerous personal site observation exercises to satisfy herself that the original proposed corrective methodology was indeed sound and has stood up well against the test of time.

This short paper will first set out the author's original guidance and proposed methodology in an easy to follow step-by-step process, and then, and most importantly, compare this proposed methodology with actual measurement and comparisons at a number of priority roundabout sites throughout the UK.

EVENTS.

Tuesday 20th September :

- MOVA user group (Sponsored by PTV, Siemens, Peek, telent, TRL and Motus)
- BBQ dinner (Sponsored by JCT and Siemens)

Wednesday 21st September:

- Drinks Reception (sponsored)
- Gala Dinner (Sponsored by Siemens)
- Archery competition (Sponsored by Westcotec)

Bar consortium (Tuesday and Wednesday) NAL, Peek, Motus, VMS, Clearview, IDS and JCT

Prizes (Sponsored by JSTSM)

EXHIBITION

Over 30 exhibitors have already confirmed including a significant number of companies new to the Symposium with many innovations from overseas. Delegates will again mingle with exhibitors throughout breaks and lunch.

This is the up-to-date visitor list at the time of going to press:
AGD; Aldridge Traffic; Civils and Lintels; Clearview Traffic; Coeval; ICOMS; IDS; IDT; IHE; JCT Consultancy Ltd; Key Traffic Systems; Motus; NAL; Peek Traffic; Pike Signals; SIAS; Siemens; Signpost Solutions; Swarco Dambach; TDC Systems; telent; Traficon; TRL; TSS Aimsum; VMS; Westcotec; Wireless CCTV.