



MEMBER PROFILE

JOHN NIGHTINGALE *CEng*

John joined JCT eight months ago to further develop their consultancy services, their innovations and design strengths. JCT leads in the traffic signals field, and John recently visited Edinburgh, Bournemouth, Dublin, Glasgow and Wales, from JCT's new Headquarters near Lincoln. He is heavily involved in computer modelling, in providing consultancy support and in training although he identifies the lack of skilled Traffic Signals Engineers across the country, as a "wage shortage," not a "skills shortage".

A future challenge is to develop analytical tools that will enable Local Authorities to quantify the extent to which particular signals create delays, to help them to allocate resources effectively to eliminate blockages.

John came into engineering after a variety of jobs, including working on the construction of a luxury yacht in Australia. Returning to the UK he joined the Traffic Systems Co-operative in Sheffield and then Doncaster MBC on the Accident Investigation and Prevention side. Doncaster was very supportive, and enabled him to achieve his MSc at the Institute for Transport Studies at Leeds.

This in turn led to him becoming a CEng, something he sees as "incredibly valuable". He urges other people to go



the IEng, CEng route, which IHIE now offers, because the experience of doing this "makes you a better engineer". The added value of CEng is that the process makes you very self critical of your work and, not least, commands a real salary upgrade.

Now on IHIE Council, John sees the Institute's CEng offer as something that can be put in front of University students as a real gateway to a successful career.

A keen sailor, he has ambitions to sail round Cape Horn, and as someone steeped in the Traffic Signals world, he aims to write its definitive text book – if ever given the time.

IHIE 2008-2009

- Go to "About us" on www.ihie.org.uk
 - To see how the Institute Council is run and who's who
 - To keep up with your local Branch. The Branch sub-sites are now loaded and are being brought up to date.
- Become a Fan: sign up on IHIE's Facebook site for more lighthearted content and to keep in touch. Go to www.ihie.org.uk for the link.

Traffic Signs Conference



IHIE Traffic Signs 2008 celebrated 50 years of UK signing policy with star guest, Margaret Calvert, who created the original designs with Jock Kinnier.

A series of events celebrating 50 years of UK Motorways kicks off at the Preston by pass in December. They are bagged with this logo and listed on www.50yearsofmotorways.org



Ilan Bradfield FIHIE after his successful CEng review chats to his three reviewers. Ian is IHIE's first CEng.

Industry round up

• Safeplane

The Federation of Planning Contractors has developed a Safeplane award for contractors who comply with its safety standards. Firms will be subject to twice yearly independent audit.

• Remove 'lethal' roadside objects

Roads should be made more forgiving to novice drivers' mistakes by investing in skid resistant surfaces, crash barriers and removing potentially lethal roadside objects, according to a new report from the Institute of Advanced Motorists' Motoring Trust. Road safety researcher, Jean Hopkin, says that under-25s make up just 95 of all driving licence holders but are involved in almost a quarter of all crashes that cause death and injury. Young

drivers are more likely than older drivers to have crashes when there are more than three people in the car, on Friday and Saturday nights, on rural C or unclassified roads, in single vehicle crashes involving no other road user, and running off the road and hitting a roadside object.

• 20 MPH Zones More Haste Less Speed

The Royal Automobile Club Foundation' presented a paper at a one day conference at Aston University on speed management which showed that 95% of all pedestrian casualties and 92% of cyclist casualties are killed or injured on built up roads with speed limits under 40mph. Speed is not the only factor which leads to these accidents as driver behaviour, which includes speed, is a factor in 26% of all accidents, whereas failing to look is the biggest cause of collisions (68%).

• No-Dig Trialholes

Infotec is promoting its Virtual Trialhole techniques. Surveying approximately 20 heavily serviced road and footpath locations in busy Ilford town centre in East London, costs were found to be either comparable or cheaper than conventional trialholes. The process avoids delays that always occur whilst waiting for the issue of Road Opening Notices. The technique combines Radio Frequency Locating (RFL) and Ground Penetrating Radar (GPR) along with pipe and duct probing and invasive investigations of all adjacent utility access points. www.infotec1.net

• Road Surface Treatments Association

The next Surface Dressing training courses are 19 & 20 November in Bristol and 9 & 10 December in Preston.



IHIE Subscriptions for 2009: Pay less by Direct Debit

Your subscription is £10.00 less pa if you pay by direct debit and you can spread the cost over 5 instalments. Choose whether to pay on the 2nd February through to 2 June or as a one off payment at the end of January.

To download a direct debit form, go to the "Members Area" of the website. (You don't need a password.) Alternatively, ring 020 7436 7487.

To pay by credit card or cheque, use the Subscription Payment form in the "Members Area" of the website.

The cost of collecting and processing cheques and credit cards means we charge extra for these methods. IHIE subscriptions are still among the lowest of EC (UK)'s licensed members and you can claim Tax Relief.

Tell us by **31 December 2008** if you want to resign or move to the **Retired Rate** or if you are unemployed or on a career break – otherwise the full fee is due.

IHIE grade	Direct Debit rate	Cheque/credit card rate
Fellow (FIHIE)	104.00	114.00
Member (MIHIE)	83.00	93.00
Associate Member (AMIHIE)	68.00	78.00
Graduate Member (Grad IHIE)	46.00	56.00
Student Member over 21	36.00	36.00
Student Member under 21	free	free
Retired	42.00	42.00
Surveyor (Exclusive to IHIE)	36.00	36.00

Engineering Council fees	CEng	IEng	Eng Tech
Annual registration	29.00	24.00	14.00
Retired members	11.00	10.00	7.00
Entry fees	46.00	36.00	14.00
Interim registration (Stage 1)	9.00	9.00	9.00

Engineering Council fees are set by the Council to fund the Council register and etb's promotional activity. IHIE acts only as a collection agency.

Training and Development

Road Safety Expo

1 December 2008, London SW1
The annual event for road safety professionals.
www.publicationsuk.co.uk/roadsafetyexpo

How to get more durable surfaces

15 January 2009, London WC1
A review and update from expert Jeff Farrington on specifying and delivering better road surfaces.
£220 IHIE members / £245 non-members

Foundation Training in Transport Development Control 2009

20-22 January plus 28-30 April, Stratford
The only UK assessed training course leading to a qualification in development management. Delivered by TMS for IHIE and SEDCE.
£1,800, fully residential

Preparing for your Review 2009

31 March, London WC1
19 May, Taunton
Advice and support in going for CEng, IEng and EngTech.
Focus on CEng: 6 October.
Focus on Technical Report route (CEng & IEng): 2 July, Sheffield.
£45 IHIE Members / £55 non-members

Traffic Signals Control: Implementing the design

6-9 April 2009, Nottingham.
IHIE's annual course for signal engineers on implementation and maintenance.
Fully residential. Book before January 2009 to pay the reduced fee of £850.

Introduction to Development Control

28 April 2009
Start here for newcomers to DC: An overview of planning law and policy and the role of highway development control staff.
£220 for IHIE members / £245 for non-members

Discover Diggerland

IHIE South Western recently enjoyed a day dumper racing. The same firm offers a 2 hour JCB experience and JCB racing at sites in Strood, Kent, Durham, Castleford and Cullompton. See the "dancing diggers" at www.diggerland.com



contacts and links

www.ihie.org.uk
www.ihie-southern.org.uk
www.ihie-scotland.org.uk
www.homezones.org.uk
www.motorcycleguidelines.org.uk

Sign up for Discussion groups

<http://uk.groups.yahoo.com/group/ukhighwaydevcon/> - Development Control Group moderated by IHIE
<http://groups.yahoo.com/group/homezones-discuss-1/> - An independent Home Zones site
<http://www.ihie.org.uk/tsgforum/> - CSS Traffic Signals Forum

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