

## Overview

It is expected that the population of South East England will increase significantly in the next 10 to 30 years in both real terms and in households. It is already evident that extensive commuting takes place with journeys often well in excess of 30 miles. This is driven by many factors such as multiple household employment, expense, reluctance to relocate and the frequency of changing employment etc.

All present transport types are increasingly overloaded at peak times and are now running to virtually full capacity, be it public or private. This ninth annual Prestige Seminar will investigate how this problem may be addressed in good engineering and sociological terms. The topic is likely to be of 'consuming' interest to all those in the South East whether at work or play.

We have all experienced the M25 and routes into London with many towns also at a standstill. Trains can be seriously overcrowded yet simply building more roads or railways is expensive and strongly opposed by local residents and environmental groups. 'Doing nothing' is not an option, but can we get smarter?

A panel of three speakers will explore the current and future demands for transport as well as the means of influencing that demand. They will go on to discuss how engineers and technology can help to satisfy demand in an economically, socially and politically acceptable way.

An essential element of the prestige seminar is the final chaired discussion when the audience can put forward their views and questions to the speakers and debate some of the decisions ahead.

This event will be recorded by IET TV ([www.iet.tv](http://www.iet.tv)) and will be available at [www.eeesta.org.uk](http://www.eeesta.org.uk).

### **ATTENDANCE ONLY BY FREE REGISTRATION:**

Business Link East

**Tel: 0845 601 1000**

Minicom: 01707 398390

Fax: 0845 607 6117

**E-mail: [bookevents@businesslinkeast.co.uk](mailto:bookevents@businesslinkeast.co.uk)**

**OR REGISTER ON-LINE VIA:**

**[www.eeesta.org.uk/seminars.html](http://www.eeesta.org.uk/seminars.html)**

## Welcome

**Professor TIM WILSON, Vice Chancellor at the University of Hertfordshire**, is our host for the evening and will welcome the audience. [www.herts.ac.uk](http://www.herts.ac.uk)

## Chair

**TONY ROCHE FEng, FIMechE, HonDTech**, former Board Member, Engineering & Safety, British Rail and President of the IMechE (2001/02) will Chair the event. [www.imeche.org](http://www.imeche.org)

## Speakers

**JIM STEER MSc, CEng, FCILT, MICE**. Jim is a Director of the Steer Davies Gleave transport consultancy. As a former Director with the Strategic Rail Authority he was responsible for strategic planning and led the transformation of major projects such as the West Coast Main Line Upgrade. Jim has extensive management and consultancy experience for major projects in Britain, Europe, Far East and Australasia with an emphasis on public transport. He has a personal interest in the development of high-speed rail lines in the UK.

[www.steerdaviesgleave.com](http://www.steerdaviesgleave.com)

**ADRIAN SHOOTER FEng, FIMechE, HonDTech**. In the course of his career, Adrian has had management responsibility for railway activities including operations, engineering and marketing. He has always been at the forefront of improving productivity and delivering change. Adrian is currently Chairman of Chiltern Railways and the Association of Train Operating Companies and, a non-executive director of the Rail Safety and Standards Board.

[www.chilternrailways.co.uk](http://www.chilternrailways.co.uk)

**Professor MIKE McDONALD BSc, PhD, FICE, FCILT**. As Director of the Transportation Research Group at the University of Southampton, Mike has been responsible for some 100 research contracts with a particular focus on the application of new technology. He is Vice Chair of the European Road Transport Research Advisory Council and past Chair of ITS UK.

[www.soton.ac.uk](http://www.soton.ac.uk)

## Vote of Thanks

**Dr JOHN MORTON CEng, FIOM3, FRAeS Chief Executive of the Engineering and Technology Board** will propose the vote of thanks. [www.etchb.co](http://www.etchb.co)

## Organisers

**EEESTA Herts & Beds** - The main focus of the group's activities is to promote the engineering, science and technology professions to the community at large by staging an annual prestige seminar each November.

Previous titles in the series:

1999 – Millennium Dawn – The Next 1000 Years

2000 – Global Guardians – Sustainability

2001 – Energy and Resources in the 21st Century

2002 – Risk In Uncertainty

2003 – Watch this Space – Beagle 2 Mars Lander

2004 – Developing Our Future – Manufacturing

2005 – Energy for the Future

2006 – Lights, Camera Action

For details, see [www.eeesta.org.uk/seminars.html](http://www.eeesta.org.uk/seminars.html)

These events are organised with support from many of the professional engineering Institutions and other organisations.

Planned for 2008 – Medical Engineering

## East of England Engineering, Science & Technology Association (EEESTA)

Our objective is to bring together engineering institutions and other organisations interested and involved in promoting and delivering engineering, science and technology with those bodies that have links to the schools, colleges and the public at large. EEESTA aims to ensure that funds and effort are applied as effectively as possible with all involved working as a team and to this end will not provide services better provided individually by others. For more details visit [www.eeesta.org.uk](http://www.eeesta.org.uk).

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Chairman EEESTA**

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## Supporters

'Gridlock? – Transport in 2030' is organised by the Herts and Beds Sub-Group of EEESTA. Grateful thanks and appreciation is acknowledged to all supporters including:

British Computer Society

Business Link East

Engineering and Technology Board (ETB)

Institution of Chemical Engineers

Institution of Engineering and Technology, Beds and Herts Professional Network

Institute of Marine Engineering, Science & Technology

Institute of Measurement and Control, Herts Area

Institution of Mechanical Engineers Eastern Region, North Herts Area, Beds and Cambs Area

MBDA

Mictel Hillpress

SCENTA

Screen East

Society of Environmental Engineers

Society of Operations Engineers IPlantE Herts Branch

University of Hertfordshire

Young Engineers

## Continuing Professional Development (CPD)

This Prestige Seminar will help all attendees keep up-to-date on important issues. Members of the engineering profession may wish to record this seminar as part of their individual CPD.