
Wednesday 9th January 2008 6.00 for 6.30 pm
Telford Lecture Theatre, BAE SYSTEMS, CM2 8HN

Computer and Network Security

by Iain Moffat (BT Adastral Park)

Iain Moffat was the 2006-2007 Anglian Coastal Network Chairman and has almost 20 years experience with networked computer systems including major security upgrade projects. In this talk he will describe the dangers that face home and small office computer systems in the 21st century and explain how to assess the risks and implement technical and procedural countermeasures. Iain will also demonstrate a range of free and online tools for audit, investigation, and repair.

Contact: rogerlsmith@theiet.org

Wednesday 16 January 2008 6.00 for 6.30 pm
BAE Systems, Glebe Road, Chelmsford, CM1 1QW

Membership Advice Clinic

by Roy Simmons, IET Essex membership advisor

Considering applying for Eng Tech, IEng or CEng? Come along to discuss your membership progress or, if you are not already a member, what the IET can do for you. You can bring your training records to check that you are on the right track and all the latest and most up-to-date IET Literature will be available for you to take away.

Contact: alirezasanai@aol.com

Please register via the events page at

<http://www.theiet.org/essex/> before Friday 11 January 2008

Wednesday 23rd January 2008 6.00 for 6.30 pm
Telford Lecture Theatre, BAE SYSTEMS, CM2 8HN

Innovation in the Thames Gateway

by Mary Spence (CEO Thames Gateway South Essex Partnership)

Thames Gateway South Essex is part of the Thames Gateway, the UK Government's top priority for regeneration and growth. The speaker will set out the major aims and objectives for the regeneration of south Essex through innovation.

Contact: mjspoor@iee.org

Wednesday 30 January 2008 evening visit
Britvic Soft Drinks Ltd, Chelmsford, Waterhouse Lane

Technical visit to Britvic Soft Drinks Ltd

Britvic Soft Drinks Ltd is one of the two leading soft drinks businesses in Great Britain: they are the largest supplier of branded still soft drinks (such as J2O and Fruit Shoot) and the number two supplier of branded fizzy drinks. They are inviting IET Essex members to a technical visit at their Widford (Chelmsford) factory.

Contact: alirezasanai@aol.com

This event is currently fully subscribed. To be placed on the reserve list or to be contacted about a future visit please register via the events page at <http://www.theiet.org/essex/>

Wednesday 6th February 2008 6.00 for 6.30 pm
Telford Lecture Theatre, BAE SYSTEMS, CM2 8HN

The Development of Underwater Vehicles Through the Ages

by Dr. R.L. Alwood (Cranfield University)

The quest for food, riches in terms of mineral and hydrocarbon deposits, salvage of sunken vessels and warfare have encouraged mankind to work under the surface of the sea for many centuries. It was soon discovered that this work could be facilitated by the use of an underwater vehicle of some type. This talk covers the development of all types of vehicle from the earliest diving bell of Alexander the Great in 332BC, the manned submersibles of the last century to today's autonomous underwater vehicles finding a number of industrial applications.

Contact: brian.beer@talktalk.net

Wednesday 20th February 2008 6.00 for 6.30 pm
Telford Lecture Theatre, BAE SYSTEMS, CM2 8HN

The Energy Crisis – An Holistic View

by Dr. Richard Aldridge (Consultant)

Joint with Chelmsford Engineering Society

A top down view will be presented of the 'so called' energy crisis. The speaker will look at both energy consumption patterns and likely sources of energy production. He will advocate a balanced approach between reducing consumption and bringing on-line a spectrum of resources.

Contact: rogerlsmith@theiet.org

Wednesday 5th March 2008 6.30 for 7pm. Buffet at 8.15pm
Anglia Ruskin University

Prestige event Sir Eric Eastwood Lecture. 'Harnessing Power from the Seas'

by Hugh-Peter Kelly, MD Trident Energy Ltd.

Trident Energy Ltd is a UK marine renewables company that has developed a patented, new and uncomplicated technology for converting the energy of sea waves to electricity. Supported by private equity and government grants, Trident Energy has taken the idea from initial concept right through to the building and testing of the first full scale sea trial system off the Harwich coast. The lecture will trace the history of the development, illustrated by films and photographs, and touch on the true opportunity for marine renewable energy and its potential contribution towards reducing global warming.

More information on Trident Energy at: www.tridentenergy.co.uk

Contact: mjspoor@theiet.org

Please register either via the events page at <http://www.theiet.org/essex>. OR if you don't have internet access contact Michael Spoor (01268 776783). All are welcome – you don't need to be a member of the IET. The lecture is free but registration is essential. The buffet is optional; if you want a ticket please complete the form available on the website or from Michael Spoor

Wednesday 12th March 2008 6 - 9pm
BAE Systems, Glebe Road, Chelmsford, CM1 1QW

Lifeskills event – Team Building

by Isobel Brown

An introduction to leading others and planning, implementing and monitoring the leadership process. By the end of the session, delegates will be able to identify the three approaches to leadership, prepare a leadership model and understand the factors which motivate.

Contact: alirezasanai@aol.com

Please register via the events page at

<http://www.theiet.org/essex>

Wednesday 2nd April 2007 6.00 for 6.30 pm
Telford Lecture Theatre, BAE SYSTEMS, CM2 8HN

The History of Television

by Dr Geoff Towler (Broadcasting Consultant)

Was there television in the nineteenth century? Did John Logie Baird really invent television? What role did other inventors play? Was the United Kingdom the first country to have television? What role did other nations play in the development of television? These are some of the questions that the speaker will endeavour to answer in his talk. Spanning the entire 20th Century from the mechanical age, through the analogue electronic age, to the digital age of the 21st century.

Contact: mikegibson@theiet.org

Wednesday 16th April 2008 6.00 for 6.30 pm
Telford Lecture Theatre, BAE SYSTEMS, CM2 8HN

Fingerprints in Crime Scene Investigation

by David Smith (Ex Metropolitan Police)

Joint with Chelmsford Engineering Society

For almost 40 years David Smith was a Fingerprint Expert at New Scotland Yard.

This talk covers a brief history of Fingerprints in police work, explains some of the techniques used in recovery of marks from crime scenes, and covers some specific interesting cases.

Contact: brian.beer@talktalk.net

IET CONNECT – the IET Benevolent Fund, Essex Representative:
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Or visit www.theiet.org/advice for your nearest advisor or telephone
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YOUNGER MEMBERS' SECTION

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If you're interested in joining the Younger Members, please contact one of us for more information.

Direction to events

For maps and directions please see our website, or contact a member of the committee.

Anglian Coastal Network Events

Rather than crowd the card with events from the Anglian Coastal Network (combined Suffolk and Norfolk Branches) please refer to their web site <http://local.theiet.org/suffolk> for details of events, particularly in the Colchester area.

Members may also be interested in events at our other neighbouring "Networks". You can register to receive programme information from other sections, particularly helpful if you live on the border or have a particular interest in a locality.
www.theiet.org/cambridge/
www.theiet.org/bedsherts/
www.theiet.org/london/

Also access sites through the IET Home Page.

Abbreviations

BCS = British Computer Society
CES = Chelmsford Engineering Society
IET = IET Essex Network
IMEchE = Institution of Mechanical Engineers
YMS = Essex Younger Members' Section

CPD: The events listed here may contribute to your CPD. Under the new CPD scheme arrangements, members will need to evaluate the personal benefit of each lecture.

SPECIAL NEEDS: Anyone with special needs wishing to attend should contact the Hon. Secretary well in advance to discuss arrangements. We can also supply this card in large print version.

VISITS: All arrangements made by the IET to visit engineering or other works or establishments are made by the IET as an agent for each person participating and consequently the IET accepts no responsibility for any loss, injury or inconvenience caused to such person in consequence of his/her visit.

• **If you have not signed up for the list server yet why not? It allows us to keep you in touch with latest news for free!** Send an e-mail to majordomo@iee.org.uk with the subject line blank and the message body either:- `Subscribe ctr_uk_essex<insert your e-mail address>` to join the IET Essex list or `subscribe ym_uk_essex<insert your e-mail address>` to join the younger members service. Alternatively visit our website and sign up there.

Prestige lecture and dinner

The Sir Eric Eastwood Commemorative Lecture
Wednesday 5 March 2008
Harnessing Power from the Seas
by: Hugh-Peter Kelly, MD of Trident Energy Ltd

This event includes an optional dinner. More details inside. Registration is essential.



**ESSEX
Network**

2007/2008 PROGRAMME

Second half

Chairman	Mr. G.A. Smith, MBE, C.Eng, FIET 50 St. Georges Road, Cranbrook, Ilford, Essex, IG1 3PQ (H) 0208 5181585 e-mail: gasmith@theiet.org
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Add IET Essex Network Events directly to your calendar! Visit the events page of the website and click on the link next to each desired event to add it automatically to your Outlook calendar - also works with some other calendar programs.

Also register via our website for events requiring pre-registration

Network Web Address: <http://www.theiet.org/essex/>

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