

Welcome to **ePreview**, the INCOSE UK e-mail bulletin. **ePreview** covers topical news and events that are of interest to the UK Systems Engineering community, complementing our Quarterly Newsletter **Preview**.
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INCOSE UK NEWS

Editor of Preview

Malcolm Gardner, who has carried out the role of Preview Editor for a number of years, has decided to stand down. We would like to take this opportunity to thank him for the excellent job he has done. He is not disappearing completely and we are looking forward to working with him in other areas of INCOSE UK.

Stephen Fisher has gamely agreed to take on the role of Preview Editor and Malcolm is currently bringing him up to speed. So, you can look forward to the next issue of Preview coming out towards the end of April.

Ian Gibson
Communications
Director

An INCOSE UK One Day Event

The next INCOSE UK One Day Event is taking place on 3 March 2010 in Bristol. The event is titled "Simple Systems Techniques That Work"

With this event we will be challenging delegates to use simple systems techniques to address the problem of how to save the earth from meteor attack. We expect this problem to provide plenty of scope for looking at different systems aspects across the range of possible solution options.

Delegates will be put into groups and rotate around four bases, with some bases covering one technique and some covering two:

- Base 1: Quality Function Deployment (QFD)
- Base 2: Stakeholder Identification + Balancing conflicting requirements
- Base 3: N-Squared Charts
- Base 4: Six Honest Men + How to define a systems project

This unique event will provide delegates with an unparalleled opportunity to try out a range of simple systems techniques which they can apply back in their places of work without the need for specialist tools or IT systems. If you would like to give some new techniques a try, or re-acquaint yourself with some that you haven't used for while then this event is for you!

Registration is open now – to register visit www.incoseonline.org.uk

INCOSE UK is now on LinkedIn

This group was been created primarily as a means of providing up-to-date news and event information to INCOSE UK members, and is administered by the INCOSE UK Communications Team. If you are on LinkedIn we look forward to having you join the group.

For in-depth discussions on the finer points of Systems Engineering we suggest that you continue to post on the INCOSE group where you are likely to find a larger, international, audience.

And of course don't forget to visit our own website www.incoseonline.org.uk .





The 7th Bi-annual European Systems Engineering Conference 23th – 26th May 2010

The 7th Bi-annual European Systems Engineering Conference (EuSEC 2010) will take place between 23th and 26th May 2010 in Stockholm, Sweden and has been organised by the European Countries of the International Council on Systems Engineering (INCOSE).

The theme for the event is “**Systems Engineering and Innovation**”, which will address the expanding scope of Systems Engineering application and responsibility in industry. Examples of this expanding scope are found in the strength of Systems Engineering in its traditional homes of aerospace and defence, and in its growing application in complex consumer and industrial systems, transportation, medical care and water management.

The EuSEC is the foremost conference on Systems Engineering in Europe. The three days of presentations, case studies, workshops, and panel discussions attracts delegates from Norway to South Africa and UK to Russia. The programme attracts professionals, researchers and educators from industry, government, and academia. The Swedish Chapter of INCOSE will host this event, with the support of INCOSE Region III, which includes Turkey, Israel, South Africa and Russia.

At the opening plenary session Dr. Gunnar Hult, will deliver a speech on “Innovations and Systems Engineering aspects of military and security systems development”. Dr. Hult is the Deputy Swedish National Armaments Director and Chief Scientist at the Swedish Defence Materiel Administration. He is also an adjunct professor at the Swedish National Defence College.

Details of the programme and registration details can be found on our conference website
<http://www.incose.se/eusec2010> .

INCOSE UK is involved in the 5th IEEE International Conference on System of Systems Engineering (SoSE) and 2010 US-SoSEN & European-SoSEN Joint Workshop

Conference Theme: *SoSE in Sustainable Systems for 21st Century*

INCOSE UK has been asked to assemble and run one of the sessions at the event and we are looking forward to having an active role in the event. We will give you more details about the session in due course.

The paper submission deadline for this event has been extended and is currently March 12, 2010 at 11:59pm CST. If you are interested in submitting a paper or would like more information about the event please use the following link
www.ieeesose2010.org.

2010 Media Fellowships Scheme

A scheme designed to create trust between scientists/engineers and the media by giving participants the opportunity to spend a summer placement within media organisations such as the Guardian, Times and BBC to experience science journalism from the other side of the fence. Application deadline 2nd March. For more information:

<http://www.britishtscienceassociation.org/forms/scicomm/mediafellows/download/MediaFellowships2010Flyer.pdf>

Annual Systems Engineering Conference 2010 (ASEC10) 8th to 10th November 2010 Call for Tutorials

We are inviting individuals or organisations to offer half-day tutorials to be run during the INCOSE UK Annual Systems Engineering Conference for 2010 (ASEC10).

These tutorials are intended to provide an opportunity for INCOSE members to explore new topics and extend their knowledge of Systems Engineering practice. Various formats have been used at previous conferences such as:

- An in-depth coverage of a specific aspect of Systems Engineering
- An introduction to specialised Systems Engineering topics
- Application of Systems Engineering to particular industries
- A workshop to enable development of ideas through a facilitated discussion
- A master-class format to help Systems Engineering practitioners solve problems facing them in the work-place.

If you are interested in contributing to this important part of the conference package and would like to be considered for inclusion in the programme, please send your Tutorial Proposal to Andrew Farncombe (contact details below). This should include the following information:

- Title of the Tutorial
- Name and contact details of those who will be involved
- Aims and objectives of the Tutorial
- Intended audience/potential interest
- Intended format
- Brief overview of content
- Credentials of presenter(s)

We hope you will find this invitation of interest, and we look forward to hearing from you shortly and in any event no later than the end of February 2010.

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EVENTS DIARY

Future Events

Date/Time	Organisation & Location	Description
25/02/2010 All Day	INCOSE Associates MoD Boscombe Down, Salisbury, SP4 0JF	Royal Aeronautical Society's Weapon System Integrity vs Interoperability Conference There is a common perception that a conflict exists between weapon system integrity and interoperability. Is this true or are there opportunities for ensuring that surety and risks can be balanced to achieve interoperability? Areas where this is a major issue include ISTAR, Directed Energy Weapons, and Spacebased Systems. In order to address this question, a one-day unclassified conference is being organised by the Royal Aeronautical Society's Weapon Systems and Technology Group in conjunction with QinetiQ at Boscombe Down. Papers are invited to discuss the issues associated with balancing these apparently divergent requirements.
03/03/2010 All Day	UK Chapter BAWA, 589 Southmead Road, Filton, Bristol, BS347RG	Simple Systems Techniques That Work Back in the days before we all had computers on our desks, and fancy modelling and analysis tools to use on them, we used to get an awful lot done with a pen and some bits of paper. Some of these simple techniques can produce surprisingly powerful results when applied correctly, and it is the aim of this interactive one-day event to give delegates the opportunity to try some of them out. Every delegate will receive expert tuition and a walk-through of each method, before trying them out on our sample problem... To book for this event, Please visit the event page.
16/03/2010 Early Evening	INCOSE International Phoenix, AZ USA	2010 International Workshop INCOSE 2010 International Workshop.
16/02/2010	Railway Interest Group Network Rail, 40 Melton Street, London	"The Roots of Systems Engineering", Eddie Goddard, LU.
17/03/2010 - 19/03/2010 Full Days	INCOSE Associates Stevens Institute of Technology Campus Hoboken, New Jersey, USA	8th Annual Conference on SE Research Stevens Institute of Technology and Delft University of Technology in collaboration with the University of Southern California (USC), presents the 8th Annual Conference on Systems Engineering Research (CSER). For more information visit the event website

For more details visit the events page at www.incoseonline.org.uk

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