

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**.
To contribute or advertise, contact the Editor at emmajane@incoseonline.org.uk.

INCOSE UK NEWS

Tutorial Days

INCOSE UK is offering two tutorial days to be held on Wednesday 18th May at the Lydiard House Swindon and Thursday 7th July at Warwick Conference Centre. You will be able to choose one of four different all-day tutorials covering a variety of topics from Systems Engineering fundamentals to advanced techniques. All the tutorials will be delivered by experts in the field of Systems Engineering, so you are guaranteed a valuable learning experience.

These tutorial days will follow the same format used in the last INCOSE UK Annual Conference. Those tutorials attracted up to 25 registrations each and received positive reviews from a high proportion of the attendees. We hope that this new approach will make our tutorials more accessible to all who wish to develop their Systems Engineering skills.

18th May 2011 at Lydiard House, Swindon

The tutorials on offer are:

- Problem Solving as a Holistic System lead by Adrian Terry
- Model-based Requirements Engineering lead by Jon Holt & Simon Perry
- The Semantic Web and its Potential in Systems Engineering lead by David Price
- Systems Engineering for Interfaces lead by Paul Davies & Hazel Woodcock



7th July 2011 at Scarman Training and Conference Centre, Warwick

The tutorials on offer are:

- Quick Systems Engineering lead by Dr Stuart Burge and Dr John Weaver
- Model-Based SE using MathWorks Tools lead by Chris Hayhurst
- Understanding Requirements by Colin Hood
- Enterprise Architecture Overview lead by Robbie Forder & James Fielder.



For more information or to book one of the Tutorial Days please visit:

www.incoseonline.org.uk.

INCOSE UK Online Store

The INCOSE UK Chapter is very pleased to announce the arrival of our Online Store. You will now be able to purchase your copy of **SE Competency Framework** by visiting the [INCOSE website](#).

Members can purchase the SE Competency Framework at the discounted price of £40.



Membership Renewal

The first of June is the time when the majority of INCOSE UK members need to renew their membership. We hope you found your membership of the UK Chapter worthwhile and that you will continue to support us in the coming year.

The new pricing structure and methods of payment, effective from 1st January 2011, are:

Membership Category	Cost	Payment Method
Individual	£95.00	By cheque or online
	£90.00	By Direct Debit
Seniors	£53.00	By cheque or online
	£50.00	By Direct Debit
Student	£35.00	All methods of payment

It is important that you inform us of any changes to your membership details to ensure that your details are correct before your membership expires and you begin the renewal process. This way you will continue to receive your privileges as a member. Similarly, if you wish to change your order for hard copies of the SE Journal and/or Insight please let us know.

You can of course change or correct your own details simply by [logging on to the INCOSEONLINE site](#) and then clicking on "My Home --> Update My Details" and to amend or change your order for copies of the SE Journal and/or Insight by visiting the [renewals section at www. Incoseonline.org.uk](#).

However whatever method you choose, it must be done by 1st May 2011.

Remember that INCOSE UK fees are accepted by Her Majesty's Revenue and Customs (HMR&C) for **tax relief!**

If you have any queries about this process please contact the INCOSE UK Secretariat.

If you do not wish to renew, please let us know by 1st May so that we can update the data system.

Academic Forum 26th May 2011

All Academics are invited to INCOSE UK's first Academic Forum being held at Loughborough University on Thursday 26th May 2011 from 10.30am till 4.30pm.

The INCOSE UK Systems Engineering Annual State Of the Nation Report¹ (SEASON) of 2009 highlighted the need for systems skills development because Systems Engineering is increasingly seen as a critical skill within industry. The role of the academic community in the provision of skills and in improving overall systems capability through research is of great importance, and yet there are a number of challenges to the Systems Engineering academics in fulfilling that role.

The SEASON report identified the standing of the Systems Engineering discipline in academia and the need for a more consistent professional identity as key difficulties. Furthermore, the shape of education for Systems Engineering to meet the needs of industry and, as our colleague Mike Yearworth has described², the manner in which peer review treats Systems Engineering demands that academics working in Systems Engineering should collaborate to strengthen the influence and recognition of our discipline.

There are a number of initiatives currently underway, both within the UK and through INCOSE International to establish the academic role in Systems Engineering in INCOSE and, through that, seek to influence external bodies towards stronger support. The INCOSE UK Council has established a new role of Academic Director, to which I was appointed at the beginning of this year. I am keen to work with colleagues to address the current issues listed above and to establish a clear academic voice within INCOSE UK for the future.

I would be delighted if you would join me at in Loughborough for this Academic Forum to help address the question 'Can academic engagement with INCOSE UK enable us to better support our institutions, and ourselves as individual key knowledge creators and providers in Systems Engineering?'

An agenda will be distributed closer to the date, but broadly the purpose will be to formulate a strategy for the role of academics within, and with respect to, INCOSE UK. Links with industry-based activities and other academic initiatives will be reviewed, for example the recent workshops on EPSRC SE Research agenda and by the SE & OA NTC.



Prof. Michael Henshaw
Academic Director, INCOSE UK.
Systems Engineering Innovation Centre
Loughborough University

¹ Systems Engineering Annual State Of the Nation, INCOSE UK, 2009: http://www.incoseonline.org.uk/Documents/Groups/UKChapter/INCOSE_UK_SEASON_Report_09_WEB.pdf

² Yearworth, M., Systems Thinking Research, ASEC 2010: http://www.incoseonline.org.uk/Documents/Events/ASEC10/ASEC2010_d3s2_yearworth_Systems_thinking_research.pdf

Local and Working Group Forthcoming Meetings.

Midlands Local Group

Nimrod and the MoD: Missed Opportunities and Lessons for Rail - Nigel Murphy, Followed by Local Group Meeting

Tuesday 24th May 2011 at Loughborough University, Systems Engineering Innovation Centre

6.00pm Nigel Murphy, Technical Director of Atkins Systems Consultancy, will be presenting the findings from a review conducted for the Department for Transport. It promises to be a stimulating and thought provoking insight into how we might learn from failure and the sacrifice of others.

6.45 pm Refreshments - cheese and wine will be served

7.15 pm Local Group Meeting - There will be a short meeting of INCOSE members and prospective members to determine enthusiasm for establishing a programme of activities and re-establishing an active INCOSE local group in the Midlands. The discussion will be led by Professor Michael Henshaw, Academic Director for INCOSE UK.

There is no charge for this event which is open to current and prospective members of INCOSE. To book places please visit the events page at <http://www.incoseonline.org.uk> .

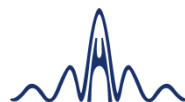
Bristol Local Group **What an Engineering Degree in Systems did for me...**

Tuesday 24th May 2011 at 5.30pm, in Room 1N05, on Frenchay Campus, UWE, Bristol

Have you ever wondered what an Engineering Degree (EngD) actually involves and how all that research and study is finds its way into the Systems Engineering community? At this event the first cohort of the EngD students from the Bristol Systems Centre will be talking about the journey they travelled to achieve their degrees. They will share their highs and lows and their experiences.

There is no charge for this event which is open to current and prospective members of INCOSE. To book a place, please visit the events page at www.incoseonline.org.uk .

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Systems Engineering Management 5-Day Course and Workshop - Presented by Mr. Robert Halligan
19 - 23 September, 2011 Amsterdam, The Netherlands | [More information](#) | [Register Online](#) |

Systems Engineering 5-Day Course and Workshop - Presented by Mr. Robert Halligan
31 October - 4 November, 2011 London, UK | [More information](#) | [Brochure](#) | [Register Online](#)

Future Events

Date/Time	Organisation & Location	Description
18 th May 2011	UK Chapter Lydiard House, Swindon	<p>INCOSE UK Tutorial Day The Tutorials on offer:</p> <ul style="list-style-type: none"> • Problem Solving as a Holistic System lead by Adrian Terry • Model-based Requirements Engineering lead by Jon Holt & Simon Perry • The Semantic Web and its Potential in Systems Engineering lead by David Price • Systems Engineering for Interfaces lead by Paul Davies & Hazel Woodcock <p><u>There is 1 Document for this event, click here to view</u></p>
24 th May 2011 17:30	Bristol Local Group Room 1N05, Frenchay Campus, UWE, Bristol	<p>What an EngD in Systems did for me... Ever wondered what an EngD in Systems involves, and how the research is exploited back into the SE community? This event will feature some of the first cohort of the EngD students from the Bristol Systems Centre sharing their findings and explaining the journey that they went on to get there.</p> <p><u>To book for this event, please click here.</u></p>
24 th May 2011 18:00	Midlands Local Group SEIC, Garendon Wing, Holywell Park, Loughborough University.	<p>Nimrod and the MoD: Missed Opportunities and Lessons for Rail - Nigel Murphy, Followed by Local Group Meeting</p> <p><u>There is 1 Document for this event, click here to view</u></p> <p><u>To book for this event, please click here.</u></p>
7 th July 2011 Full Day	UK Chapter Scarman Training and Conference Centre, Warwick	<p>INCOSE UK Tutorial Day The Tutorials on offer are:</p> <ul style="list-style-type: none"> • Quick Systems Engineering lead by Dr Stuart Burge & Dr John Weaver • Model-Based SE using MathWorks Tools lead by Chris Hayhurst • Understanding Requirements by Colin Hood • Enterprise Architecture Overview lead by Robbie Forder & James Fielder <p><u>There is 1 Document for this event, click here to view</u></p>
13 th July 2011 18:30	Bristol Local Group Room 1N05, Frenchay Campus, UWE, Bristol	<p>The Final Step - Getting Systems Into Service (in association with the APM) Why does the final part of getting a system into service often follow a more protracted path than expected? This event will look at this important part of the lifecycle from both a systems and a project management perspective to examine some of the pitfalls and issues that can occur, and some of the approaches that are used to mitigate against them.</p> <p><u>To book for this event, please click here.</u></p>
9 th - 10 th November 2011 Full Days	UK Chapter Scarman Training and Conference Centre, Warwick	<p>Annual Systems Engineering Conference 2011 (ASEC2011) Information on the event will be release in the coming months and a call for presenters will be issued in the Spring of 2011.</p>

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