
Welcome to E-Preview, the INCOSE UK e-mail bulletin. E-Preview covers topical news and events that are of interest to the UK Systems Engineering community, complementing our Quarterly Newsletter Preview. To contribute, contact the Editor at simon.hutton@headmark-analysis.co.uk

1. INCOSE NEWS

INCOSE UK SPRING CONFERENCE – AN EARLY SELL-OUT!

Places are selling out fast –The Marriott advised yesterday that rooms at the conference rate are **SOLD OUT** for the Tuesday night but there a small number on Sunday and Monday. Mention INCOSE and Code A15 when you book your room, and register **NOW** if you are planning to attend! The latest news and all details are available on our web site: <http://www.incose.org.uk/sc07.htm>.

SELEX JOIN INCOSE UK ADVISORY BOARD

INCOSE UK is pleased to announce that SELEX Sensors and Airborne Systems (S&AS) UK have recently joined UKAB. UK SELEX S&AS UK, a Finmeccanica company, is the UK's foremost supplier of electronic systems for military platforms in the air, at sea and on land and employs 4,400 people located at sites in Basildon, Luton, Southampton, Portsmouth and Edinburgh. Through UKAB, SELEX S&AS UK will help advise the UK chapter board on aims and strategy for promoting and developing systems engineering in the UK, as well as co-ordinating working group activities with the technical director. The agreement, signed by both parties, will commence immediately. Further details on are at www.selex-sas.com.

ENGINEERING GRAND CHALLENGES

The US National Academy of Engineering (NAE) has launched a project aimed at determining the "Grand Challenges" for Engineering during the next 100 years. Experts around the world are invited to contribute to this brainstorming exercise. The best 20 ideas will be selected by a committee of eminent representatives and announced in September 2007. Details: www.engineeringchallenges.org

SPRING PREVIEW POSTED!

The Spring Edition of our Chapter Newsletter Preview has been sent to all members. You can download a low quality version from our web site at http://www.incose.org.uk/Downloads/preview_2007Q1.pdf

2. EVENTS

Requirements Elicitation Techniques – 28 March 2007

In a slight departure from usual Bristol Local Group event, this session will be split into two linked elements. In the afternoon there will be a tutorial on various popular requirements elicitation techniques (e.g. problem frames, SSM, and use cases). In the evening there will be an opportunity to try these out on a range of problems, with the performance of each technique being assessed for suitability at the end of the event. Details: http://www.incose.org.uk/Downloads/BLG%20poster%2006-07%20programme%20v0_1.doc.

Railway System Architectures – 29 March 2007

This first RIG networking evening aims to encourage systems engineers to have an informal, but informed, discussion whilst exchanging business cards! To ensure System Engineering is never too far off the agenda, we have developed a theme, with four 'corners' representing a unique view of an architecture used in the Railway industry. Details: http://www.incose.org.uk/Downloads/RIG_070329_v1.pdf

INCOSE UK Spring Conference – 16 to 18 April 2007

The INCOSE UK Spring Conference 2007 will be held at The Marriot Hotel, Swindon between 16 and 18 April 2007. Details: <http://www.incose.org.uk/sc07.htm>.

Code Generation 2007 – 18 to 20 May 2007

Code Generation 2007 will bring together leading practitioners in the fields of model-based engineering, domain-specific languages and software system families. Details: www.codegeneration.net/cg2007.

Systemic Issues in Major Projects – 23 May 2007

Every big project tends to suffer from systemic issues that systems engineering would seem well suited to address and learn from. This Bristol Local Group event will look at issues that have emerged from NAO reports. Details: http://www.incose.org.uk/Downloads/BLG_poster_06-07_programme_v0_1.doc.

INCOSE International Symposium 2007 – 24 to 28 June 2007

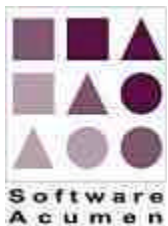
INCOSE 2007 International Symposium, 24-28 June 2007 in San Diego, California. The theme is *Systems Engineering: Key to Intelligent Enterprises*. Details: <http://www.incose.org/symp2007/>

Simulation and Operational Analysis – 11 July 2007

Whether it is a full-blown flight simulator a humble spreadsheet crunching representative numbers, some form of simulation or operational analysis should be an important tool in the systems engineer's toolbox. This event will look at how various simulation and visualisation techniques feed insights into the systems engineering process. Details: http://www.incose.org.uk/Downloads/BLG_poster_06-07_programme_v0_1.doc

3. OPPORTUNITIES

Managing system families with pure::variants



Software Acumen will be exhibiting their **pure::variants** toolset at the Spring Conference. **pure::variants** is used to manage the development of software and embedded system variants – families of similar-but-different products. Systematic variant management improves the level of re-use for requirements, code, tests, documentation etc., while reducing development costs - new product variants are built more reliably, faster, and with higher quality. **pure::variants** works with leading tools such as Telelogic DOORS®, Rational ClearQuest®, and MathWorks Simulink® and so fits seamlessly into your development tool chain. **pure::variants** customers include leading automotive, telecommunications and consumer electronics organisations. Details: www.software-acumen.com.

Systems Engineering Training - From Requirements to Modelling Language

The Institution of Engineering and Technology is pleased to offer the following courses as part of its drive towards promoting engineering best practice:

- Introduction to Requirements
- Introduction to Systems Engineering
- Introduction to UML 2.0
- Introduction to SysML

Please visit our website at <http://www.theiet.org/events/courses/> for further information or if you have any queries please contact Tricia Desborough on 01438 767237 or email tdesborough@theiet.org



SYSTEMS ENGINEERS – Defence And Aerospace, Gloucestershire

Sula Systems requires Senior Systems Engineers with experience in Defence and Aerospace. Of particular interest is domain knowledge of Complex Weapons, C3ISR and Armoured Vehicles. We are looking for candidates with the expertise, judgment, personality and communications skills to become senior or principal consultants able to make a difference in at the highest level in major defence and aerospace programmes. For further details visit <http://www.sula.co.uk/> or call Alwyn on 01453 844660.

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