
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 2007 SPRING CONFERENCE – WEB SITE LAUNCHED

The INCOSE UK Spring Conference is scheduled for 16 to 18 April 2007 at the Marriott Hotel, Swindon. The theme is “The Future of Systems Engineering – is Systems Engineering evolving to meet its new challenges”. The technical and tutorial programmes are coming together – further details are now available on our web site: <http://www.incose.org.uk/sc07.htm>.

INCOSE UK 2007 SPRING CONFERENCE ADVERTISING!

The Spring Conference Flyers have been sent to all members – do circulate amongst your colleagues, and don't forget to keep one for yourself! You can also download a copy from our web site at <http://www.incose.org.uk/Downloads/sc07flyer.pdf>. The conference brochure giving more details of content and how to reserve your place is being compiled as I type, and will be distributed later this Month. Don't forget - Your help is vital in making sure we give our premier event the widest possible publicity, and we look forwards to seeing you at the Conference!

MOD GRAND CHALLENGE

Linked to the recent publication of the Defence Technology Strategy, the UK MoD has announced a 'Grand Challenge' competition. This is a systems design and development challenge based around an urban reconnaissance situation. Details of the competition are to be found on the Grand Challenge website at www.challenge.mod.uk.

SYSTEMS ENGINEERING JOURNAL

Volume 10, Issue 1 of the Systems Engineering Journal is now available on the Wiley Interscience site. Access to the on-line version of the SEJ is another benefit of your INCOSE membership. For more information and instructions see <http://www.incose.org/newsevents/news/details.aspx?id=112>.

2. EVENTS

Systems Engineering for Future Capability – 12 and 13 February 2007

The third SE Conference to be held at the SEIC, Loughborough, will focus on contributions from military and civil sectors in support of future military capability. Previous conferences have been by invitation only – this conference is open to all. Details: www.seic-loughborough.com/conference.

Keeping the Floor Level on the London Underground – 14 February 2007

An evening event organized by the INCOSE UK Rail Interest Group. Atique Latif, Deputy Programme Director for Metronet's sub-surface lines upgrade, will look at the systems engineering issues faced in designing and building a train capable achieving level access and the proposed solutions to the platform train interface challenges. Details: <http://www.incose.org.uk/Downloads/RIG%20140207%20v1.pdf>.

Using MODAF - 20 March 2007

This IET organised event in Winchester on Tuesday 20 Mar 07 comprises two lectures. Eugene McSheffrey of Telelogic will look at the MOD Architecture Framework, followed by a case study on the practical application of MODAF within the Air Traffic Domain, presented by Peter Hotham and Steve Winter of NATS. For registration details: <http://www.iee.org/events/event/0216FC55-D5F1-DC99-9D030BC2B8DC7241&i=1>

A practical introduction to UML for system designers – 22 March 2007

The next scheduled meeting of the INCOSE Midland SysML/ UML practitioners group meeting will be on Thursday 22nd March 2007 at the SEIC, Loughborough, starting at 2pm. The subject of the meeting will be 'A practical introduction to UML for system designers' by Mike Gould of BAE SYSTEMS – Land Systems. Details: <http://www.incose.org.uk/Midlands.htm>.

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.

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 – 18th to 20th May 2007

Code Generation 2007 will bring together leading practitioners in the fields of model-based engineering, domain-specific languages and software system families. With its practical focus, this event will give engineers the knowledge to apply these approaches in their own organisations. Code Generation 2007 is supported by The IET, OMG and IASA. Visit the [Code Generation 2007](#) web site for more information.

INCOSE International Symposium 2007 – 24 to 28 June 2007

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

3. OPPORTUNITIES

SYSTEMS ENGINEERS - £50,000 + Excellent Benefits - Basingstoke / Bristol / South of England

Quintec Associates are currently seeking Systems Engineers with a proven track record in setting up and implementing systems of systems engineering processes, as well as expertise in system requirements capture, system design, integration, verification, validation, qualification, certification & acceptance of complex real-time systems. For details visit <http://www.quintec.com/> or call 01256 376607.

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. Near-automatic requirement selection, configuration, and generation of solutions, means that 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. Visit the [Software Acumen](#) web site for more information.

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