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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](mailto:simon.hutton@headmark-analysis.co.uk)

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## **1. INCOSE NEWS**

### **INCOSE UK SPRING CONFERENCE 2007 – SOLD OUT!**

This year's Spring Conference has proved to be the popular choice for Systems Engineers! The main conference has sold out, with over 140 registered for each day, and nearly 90 will benefit from the six tutorials on the Monday. For the latest information visit our conference web site:

<http://www.incose.org.uk/sc07.htm>.

### **HMGCC JOIN INCOSE UK ADVISORY BOARD**

INCOSE UK is pleased to announce that Her Majesty's Government Communications Centre (HMGCC) has joined the UK Advisory Board. HMGCC research, design, and produce communication systems and equipment, and related hardware and software. Catering specifically to the needs of Her Majesty's Government at home and overseas, their production facilities cover both electronic and mechanical disciplines. Representatives of HMGCC will be at the Spring Conference, and look forwards to playing an active part in the UKAB. Further details on HMGCC are at <http://www.hmgcc.gov.uk/>.

### **INCOSE SYMPOSIUM 2007**

The brochure for the International Symposium has been sent to all members. A copy can be downloaded from the Symposium website at <http://www.incose.org/symp2007/documents/IS2007-brochure.pdf>.

### **RAIL INTEREST GROUP LAUNCH SUMMER PROGRAMME**

The INCOSE UK Rail Interest Group (RIG) has released details of their summer programme. Details can be downloaded from the RIG page on the INCOSE UK website: [www.incose.org.uk/rig.htm](http://www.incose.org.uk/rig.htm)

## **2. EVENTS**

### **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>.

### **What Exactly is railway Systems Engineering – 19 April 2007**

This Rail Interest Group event will be held at the University of Birmingham, starting at 1700 on Thursday 19<sup>th</sup> April. Details: [http://www.incose.org.uk/Downloads/RIG\\_SS07\\_v2.pdf](http://www.incose.org.uk/Downloads/RIG_SS07_v2.pdf).

### **Systems Engineering and Tram Projects – 16 May 2007**

This Rail Interest Group event at the Systems Engineering Innovation Centre, Loughborough University, starts at 1400 on Wednesday 16<sup>th</sup> May. Details: [http://www.incose.org.uk/Downloads/RIG\\_SS07\\_v2.pdf](http://www.incose.org.uk/Downloads/RIG_SS07_v2.pdf).

### **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](http://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](http://www.incose.org.uk/Downloads/BLG_poster_06-07_programme_v0_1.doc).

### **INCOSE International Symposium 2007 – 24 to 28 June 2007**

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

### **Best Practice in Railway Requirements Engineering – 3 July 2007**

This Rail Interest Group event will be held at UCL, London, at 1700 on Tuesday 3<sup>rd</sup> July. Details: [http://www.incose.org.uk/Downloads/RIG\\_SS07\\_v2.pdf](http://www.incose.org.uk/Downloads/RIG_SS07_v2.pdf).

### **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](http://www.incose.org.uk/Downloads/BLG_poster_06-07_programme_v0_1.doc)

### **SysML/UML in Business Applications – 18 July 2007**

The INCOSE UK Sysml/UML Practitioner Group will be hosting this meeting at the SEIC, Loughborough, on 18<sup>th</sup> July 2007. The intention is that contributions will be based on the theme of SysML and UML in business applications. For further details contact Ken Astley at [K.R.Astley@lboro.ac.uk](mailto:K.R.Astley@lboro.ac.uk).

## **3. OPPORTUNITIES**

### **Systems Engineers - Parsons Brinckerhoff (PB)**



PB is a leading engineering, design and management services consultancy with 10,000 staff worldwide. The UK office is seeking to recruit a Head of Systems Engineering to provide managerial and technical leadership in the application systems engineering to infrastructure projects. Contact [cooperan@pbworld.com](mailto:cooperan@pbworld.com) or visit our website [www.pbworld.co.uk](http://www.pbworld.co.uk).

### **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/coursesinc> for further information or if you have any queries please contact Tricia Desborough on 01438 767237 or email [tdesborough@theiet.org](mailto: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.