



INCOSE UK 1-Day Event

Technology Lifecycle Management

Thursday 22nd May 2008, 9:30 – 17:30

The Systems Engineering Innovation Centre, Loughborough

Aim of the Event

The successful integration of technologies – old, new and emerging – is a challenge faced by many industries from across all sectors. The development of processes and methodologies capable of enabling technology transition is a key to the successful development of systems capable of evolving in functionality and adapting to changing requirements.

This one-day event will help initiate a debate on how we can use Systems Engineering to better identify emerging technologies; facilitate their insertion into products and services in a way that is minimally disruptive and optimally beneficial; and to improve the management of those technologies across the product lifecycle.

The day will include:

- An appreciation of approaches adopted across different market sectors for integrating new technologies and mitigation against their potential disruptive effect.
- A view on how challenges relating to the management of technology over long product lifecycles are dealt with by different organisations and across the supply chain.
- A discussion into how Systems Engineering principles and practices can help to alleviate some of these problems

Who will benefit

The event will benefit experienced Systems Engineers or those familiar with the problems of technology management in their application domain, in particular:

- Anyone involved in the development and integration of high technology components into product lifecycles, across any application domain.
- Those involved in complex, integrated project lifecycles; in which the integration of technologies throughout the life of products or services is a critical factor for project success.
- Anyone interested in the application of Systems Engineering processes, methodologies or lifecycle management techniques to a broader range of real world problems.

This event is presented by INCOSE in association with:

The UK's Integrated Products Manufacturing Knowledge Transfer Network (IPMKTN),
The Centre of Excellence in Metrology for Micro and Nano Technologies (CEMNT)
The Systems Engineering Innovation Centre (SEIC).

Price for the 1-day is £150 (inc. VAT)
Registration available via <http://www.incoseonline.org.uk/>
An outline programme for the day, and more price information overleaf



Registration & Coffee will be available from 9:30 at the event venue, the **Systems Engineering Innovation Centre (SEIC)**, Loughborough. Tea, coffee and lunch will be provided during the day.

The programme for the day:

10:00 Welcome

by Ayman El-Fatraty BAE Systems (SEIC) & INCOSE UKAB Chair, Paul Davies Thales

The agenda will include presentations on the following topics:

- The Defence technology lifecycle management perspective
Defence Science and Technology Laboratory
- The National Technology Investment Programme Lifecycle
The Technology Strategy Board
- Disruptive technologies and the life-sciences
Smith & Nephew
- Micro & Nano technologies – A Case study
Liverpool University & Emente
- Dealing with emerging technologies through systems engineering
Thales
- Disruption and long lifecycle products in the aerospace market
Rolls Royce
- Evolving towards open-ended, multi-functionality
Institute of Systems Level Integration (iSLI)
- Design-for-X – a holistic approach to products design
Lancaster University & Patent DfMM
- The nuclear industry; risk, safety and disruptive technologies
UKAEA
- INCOSE – Industry, Academia and Government.
BAE Systems & INCOSE President elect

17:30 Close.

Prices:

INCOSE Members - £150 (£75 for student members)

INCOSE members will be given the opportunity to renew their Annual membership as part of this registration process as the event is so close to the Membership renewal date.

IMPKTN & CEMMNT Members Special Offer - £150

(Limited numbers available)

Non-Members - £186 (£95 for students)

All none INCOSE members (including IMPKTN & CEMMNT) will be offered 1 calendar years membership for reduced price of £36 as part of the registration process.

Please Note, attendance at this event will be limited to a maximum of 60 delegates. All prices are inclusive of VAT, and include refreshments and lunch. The SEIC is located in the East Midlands at Loughborough <http://www.seic-loughborough.com/AllPages.html?Page=3> - .

Online register, full detail or any other queries: <http://www.incoseonline.org.uk/>.