Dear Delegate

We are delighted that you are able to attend the “Systems Engineering for Interfaces” tutorial which will take place on Wednesday 8 June 2016 at Lydiard House, Swindon.

Registration will commence at 08:30 and refreshments will be available on arrival. The tutorials will start promptly at 09:00 and are scheduled to finish no later than 17:00.

The dress code for this event is, as always, smart casual.

Following is an overview of your course and the directions to Lydiard House, Swindon. Please note that if you are using a Sat Nav you will need to enter the Lydiard House postcode, SN5 3PA.

Yours sincerely

Emma Jane Taylor
INCOSE UK Secretariat
Profiles: Hazel Woodcock is an experienced systems engineer with a unique blend of technical competence and interpersonal skills.

Hazel has a background of fifteen years in the defence industry and experience at all phases of the project lifecycle, as well as five years in the automotive industry as a systems engineer. She has worked with customers in different industries and has applied lessons from one industry to another, as well as providing Systems Engineering process consultancy, and consultancy on the effective use of DOORS and the practice of requirements management.

Paul Davies is semi-retired, and was previously the Discipline Manager for Systems Engineering at Network Rail Infrastructure Projects. In that role he was responsible for promoting improvements in process and in practitioner competence in all aspects of systems engineering.

Prior to this, he worked for Thales UK, with nearly thirty years’ experience in SE research, innovations management, SE functional leadership, project engineering management, systems integration and (a long time ago) mathematical modelling and performance analysis. He has run training courses in requirements and interface management in particular, and has been a popular presenter and tutorial lead at many INCOSE events both in the UK and internationally.

He is a Past President of INCOSE UK, and is still active in an Outreach role for INCOSE to ensure his retirement is not too boring.

Tutorial: “Systems Engineering for Interfaces”

The aim of the tutorial is to give participants an insight into best practices dealing with system interfaces. This will be an interactive tutorial considering the issues surrounding interface management. Every interface is an opportunity to lose information, control and / or money; we will explore some of the common pitfalls and solutions, and offer patterns for describing interfaces.

The tutorial addresses:

- How to conceptualise interfaces
- Categories of interfaces
- What is special about interface requirements and management
- How interfaces should relate to the system design
- Decomposition and flowdown of interfaces to subsystems
- Architecting through optimization (simplification!) of interfaces
- Negotiating external interfaces
- Support processes for interface management
- Concepts are explored in context of a case study, real world experiences from the presenters and situations highlighted by the participants.
Directions to the venue

Address:

Lydiard House & Park
Lydiard Tregoze
Swindon
SN5 3PA
United Kingdom
Phone: 01793 466664

From Oxford: follow A419 to M4 exit J16 and follow the brown signs to Lydiard Park

From Swindon Centre: follow signs to West Swindon and then brown signs to Lydiard Park.

From Cirencester/ M5, turn off the A419 at the Turnpike Junction. Following the signs to north Swindon, drive down Thamesdown Avenue, then follow signs to West Swindon (B4534) down Mead Way, turn right onto Whitehill Way and follow signs to Lydiard Park.

Car Parks: There are car parks at both the main park entrance off Hook Street (follow brown signs to Lydiard Park) and the house, conference centre and church entrance off Hay Lane (follow brown signs with house and church symbol). Car parking and entry to the grounds is free.

Buses: run every 10 minutes from stop G in Fleming Way, 5 minutes’ walk from Swindon Railway Station; The buses required are No1 and 1A Thamesdown Transport (the destinations required are Middleleaze or Ramleaze).