Electronic Materials and Assembly Processes for Space (EMAPS) Workshop

Date: Wednesday 17th February 2010, 8:45am to 3:45pm.
Venue: Room DS 2.14 (Dennis Sciama Building, floor 2, room 14)
The University of Portsmouth (UoP) is pleased to welcome professionals in the fields of space and high-reliability electronics. This event is hosted by the department of Electronic & Computer Engineering (ECE) with welcome talk by Dr David Arrel, Pro Vice Chancellor, UoP. For more info, please see: http://www.port.ac.uk/ece.

Background: Skills Training Courses covering the processes for the assembly of spacecraft electrical systems such as printed circuit boards, wiring and cable harnesses have been run in the Portsmouth area since 1988. The ESA-approved UK training school transferred to the University of Portsmouth in 2008 and, to date, has offered more than 50 courses following European ECSS and US IPC standards.

Aims: This workshop aims to provide professionals in the fields of Space and High-Reliability Electronics some presentations on issues and solutions for constructing spacecraft systems that take into account of the materials, processes, best practice and the space environment. The workshop offers a unique opportunity for local, UK and European institutes/companies to network and become acquainted with the UK training school hosted in the Electronic and Computer Engineering Department of the University of Portsmouth.

Preliminary Programme:
The workshop will encompass talks from the following experts:
- Dr Barrie Dunn, Mr Mikko Nikulainen, European Space Technology Centre, European Space Agency, ESTEC (Noordwijk, Netherlands)
- Dr Nick Cox, (BNSC, UK)
- Mr Martin Wickham, Dr Chris Hunt, National Physical Laboratory NPL (Tedddington, UK)
- Mr Ken Ward, Product Assurance Manager, SEA (Frome, UK)
- Dr Stuart Eves (SSTL, Guildford, UK)
- Mr Malcolm Snowden, Spur Electron (Havant, UK)
- Mr Craig Clark, MD, Clyde Space (Glasgow)
- Mr Karl Ring, ESA School manager at Zentrum für Verbindungstechnik in der Elektronik (ZVE, Munich, Germany)
- Mr Poul Juul, ESA School manager at Hytek (Aalborg, Denmark)
- Mr Luca Moliterni, Mr Gianluca Parodi, Istituto Italiano della Saldatura (Genoa, Italy)
- Bill Strachan, ESA School manager (Asta, Portsmouth, UK).

Registration:
The EMAPS workshop is being jointly organized by Bill Strachan (UK ESA School), Dr Boris Gremont (Electronic & Computer Engineering Department, University of Portsmouth) and Dr Barrie Dunn (Product Assurance and Safety Department, ESA/ESTEC). Attendance is free of charge but please note that there will be a nominal fee for lunch in the University refectory. Unless you are a speaker, registration should be requested by email to:
- Dr Boris Gremont (ECE Dept, UoP): boris.gremont@port.ac.uk
- Mr Bill Strachan (UK ESA School): Bill.Strachan@port.ac.uk
- Dr Barrie Dunn (ESA), Barrie.Dunn@esa.int
If you would like assistance with University car parking or for any other local matters, please contact Dr Gremont by email.

Travelling information:
For campus map, please consult: http://www.port.ac.uk/aboutus/contact/maps/universityquarter/
Please note that Portsmouth has three train stations. The nearest train station is "Portsmouth & Southsea". It takes 15 mins walking from the station to the campus. Suitable nearby accommodation include Holiday Inn Express (Gunwharf keys, Portsmouth), Hotel Ibis Portsmouth Centre (Portsmouth, Churchill Ave.), Holiday Inn (Portsmouth, Pembroke Road).
Some of these hotels may be able to provide free car parking spaces.