

# Workshop on Small Satellites

The Department of Land Surveying and Geo-Informatics (LSGI) at PolyU, in conjunction with the HKRSPS is hosting a Workshop on Small Satellites.

**Date:** Friday 16<sup>th</sup> November  
**Time:** 2:30pm – 5:00pm  
**Venue:** Lecture Room CF304  
**Cost:** admission free

The workshop will be conducted by Mr. Mike Cutter and his team from Surrey Satellite Technology (SST), Limited (<http://www.sstl.co.uk/>), which is the commercial wing of the Surrey Space Centre at the University of Surrey in the United Kingdom, and which has provided the satellite programs for several countries as well as for the European Space Agency, and works in close cooperation with these agencies.

Small satellites (those weighing between 6.5kg to 500kg.) are becoming more common as costs are reduced and in the near future it is feasible that every country will have their own satellite or constellation of satellites with payloads devoted to local applications. Currently several developing countries including Nigeria, Turkey and China have launched small satellites, with assistance from SST. For example, images from the European Space Agency's hyperspectral and multi-angle Compact Resolution Imaging Spectrometer (CHRIS) on the small satellite Project for on-Board Autonomy (PROBA) are being used for air pollution monitoring in Hong Kong and this work will be demonstrated at the workshop.

Specific Topics for the workshop include:

- Remote Sensing and EO (Disaster Monitoring Constellation and High Resolution Imagers)
- SAR Commercial and applications military applications
- Geostationary platforms,
- Nav and Comms Ground segments and image processing
- Lunar exploration
- Training for all above
- Launch / insurance services
- In-orbit support

To reserve your place, since space is limited please contact: Ms Candy Mak at email [lscandy@polyu.edu.hk](mailto:lscandy@polyu.edu.hk), or Tel: 2766 4350, preferably before 2<sup>nd</sup> November 2007.