

## AMSAT-UK 2016 Colloquium

In addition to the programme of speakers, there is a trip to the facilities of Surrey Satellite Technology Ltd (Please note, that due to security constraints, places on the tour must have been pre-booked) Also please visit the ARISS GroundStation which will be active in the Compton Suite throughout the weekend. Look out for other displays and demos.

Friday 29th July					
Beginners Session <b>Kepler Building Visit</b>	14:00-15:30 <b>17:00-18:00</b>	David Johnson / Carlos Eavis / Drew Glasbrenner SSTL Mini Bus or cars Your own arrangements for dinner at the Hotel or in Guildford			
Social Event	19:00...				
Saturday 30th July					
Registration	09:00-10:15				
Welcome	10:15-10:30	Official Opening	Prof. Sir Martin Sweeting	G3YJO	
Session One	Chairman: Barry Sankey G7RWY 10:30-11:10 11:10-11:50 11:50-12:30	SSTL: LEO, MEO, GEO and Beyond An update on the FUNCube Project AMSAT-NA / Fox Presentation	Chris Saunders Jim Heck & Graham Shirville Drew Glasbrenner	Senior Mission Concepts Engineer at SSTL G3WGM & G3VZV KO4MA	
Lunch					
Session Two	Chairman: Graham Shirville, G3VZV 13:10-13:50 13:50-14:30 14:30-15:10	Data types O' Plenty: A Gnuradio Tutorial Satellite Operations in the Field The Sandringham School Principia Experience	Chris Bridges Peter Goodhall Jessica Leigh & Polly Gupta	2E0BC 2E0SQL M6LPJ & M6POG - Year 10 students	
Tea					
Session Three	Chairman: Jim Heck, G3WGM 15:30-16:10 16:10-16:50 16:50-17:10 17:10-17:30	Es'hail-2 - Phase 4 at last! Groundstations for P4A NB operation Phase-4A Thailand Ground Station Groundstations for P4A DATV/WB operation	Peter Guelzow Achim Volhardt Mikio Mouri Dave Crump	DB2OS - AMSAT-DL DH2VA - AMSAT-DL JA3GEP - JAMSAT G8GKQ -BATC	
<b>Gala Dinner</b>	<b>19:00 for 19:30</b>  <b>After Dinner Speaker</b>	GALA Dinner with after dinner speaker plus raffle & auction "The ARISS Calls"	Libby Jackson	Astronaut Flight Education Programme Manager at the UK Space Agency	
Sunday 31st July					
<b>Welcome Back</b>					
Session Four	Chairman: Trevor Hawkins, M5AKA 09:15-09:45 09:45-10:15 10:15-10:45	Principia - as seen by the ARISS Team The Tim Peake Effect 1 The Tim Peake Effect 2 and life after Principia	Ciaran Morgan John Hislop Steve Hartley	M0XTD G7OHO G0FUW - RSGB Board Chair	
Coffee					
Session Five	Chairman: Chris Weaver, G1YGY 11:00-11:30 11:30-12:00 12:00-12:30	Surrey Space Centre Mission Update IARU satellite coordination ISIS Update	Chris Bridges Hans Blondeel Timmerman Liora Monas	2E0BC PB2T - IARU Satellite Coordinator System Engineer at ISIS	
Lunch					
Session Six	Chairman: David Johnson G4DPZ 13:30-14:00 14:00-14:30 14:30-14:50	An RF look at ESEO VKI Projects - QB50 & 47/76GHz Cubesats SSDV (Slow Scan Digital Video)	David Bowman Dr Jan Theomel Phil Heron	G0MRF QB50 Project Manager at VKI MIOVIM	
Tea					
AMSAT-UK A.G.M.	14:50-15:10 15:10-15:40 15:40-15:45 16:00-17:00	ESA ESEO Update & Demonstration Formal Closure of Colloquium Annual General Meeting	Chris Bridges & Graham Shirville Prof. Sir Martin Sweeting Prof. Sir Martin Sweeting	2E0BC & G3VZV G3YJO G3YJO	