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
14:00-15:30
David Johnson / Carlos Eavis / Drew Glasbrenner

Kepler Building Visit
17:00-18:00
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
Chairman: Barry Sankey
G7RWY

Session One
10:30-11:10
SSTL: LEO, MEO, GEO and Beyond
Chris Saunders
Senior Mission Concepts Engineer at SSTL

11:10-11:50
An update on the FUNcube Project
Jim Heck & Graham Shirville
G3WGM & G3VZV

11:50-12:30
AMSAT-NA / Fox Presentation
Drew Glasbrenner
KO4MA

Lunch
12:30-13:10
Chairman: Graham Shirville,
G3VZV

Session Two
13:10-13:50
Data types O’ Plenty: A Gnuradio Tutorial
Chris Bridges
2E0OBC

13:50-14:30
Satellite Operations in the Field
Peter Goodhall
2E0QL

14:30-15:10
The Sandringham School Principia Experience
Jessica Leigh & Polly Gupta
M6LPJ & M6POG - Year 10 students

Tea
15:10-15:30
Tea

Session Three
15:30-16:10
Es'hail-2 - Phase 4 at last!
Peter Guelzow
DB2OS - AMSAT-DL

16:10-16:50
Groundstations for P4A NB operation
Achim Volhardt
DH2VA - AMSAT-DL

16:50-17:10
Phase-4A Thailland Ground Station
Miko Mouri
JA3JEP - JAMSAT

17:10-17:30
Groundstations for P4A DATV/WB operation
Dave Crump
GB6KQ - BATC

Gala Dinner
19:00 for 19:30
GALA Dinner with after dinner speaker plus raffle & auction
After Dinner Speaker
"The ARISS Calls"
Libby Jackson
Astronaut Flight Education Programme Manager at the UK Space Agency

Sunday
31st July

Welcome Back
Chairman: Trevor Hawkins,
M5AKA

Session Four
09:15-09:45
Principia - as seen by the ARISS Team
Ciaran Morgan
MIXTD

09:45-10:15
The Tim Peake Effect 1
John Hislop
G7OHO

10:15-10:45
The Tim Peake Effect 2 and life after Principia
Steve Hartley
G0FUW - RSGB Board Chair

Coffee
10:45-11:00
Coffee

Session Five
11:00-11:30
Surrey Space Centre Mission Update
Chris Bridges
2E0OBC

11:30-12:00
IARU satellite coordination
Hans Blondeel Timmerman
PB2T - IARU Satellite Coordinator

12:00-12:30
ISIS Update
Liora Monas
System Engineer at ISIS

Lunch
12:30-13:30

Session Six
13:30-14:00
An RF look at ESEO
David Bowman
G0MRF

14:00-14:30
VKI Projects - QB50 & 47/76GHz Cubesats
Dr Jan Theomel
QB50 Project Manager at VKI

14:30-14:50
SSDV (Slow Scan Digital Video)
Phil Heron
M9VIM

Tea
14:50-15:10
Tea

15:10-15:40
ESA ESEO Update & Demonstration
Chris Bridges & Graham Shirville
2E0OBC & G3VZV

15:40-15:45
Formal Closure of Colloquium
Prof. Sir Martin Sweeting
G3YJO

AMSAT-UK A.G.M.
16:00-17:00
Annual General Meeting
Prof. Sir Martin Sweeting
G3YJO