Summary: The Astronomy with Small Satellites meeting is being organised in recognition of the fact that small satellites have now evolved to a level of complexity that allows them to perform a wide variety of useful scientific missions. The meeting will provide an opportunity to discuss the state of the art in small satellites and also to establish contacts with other experts working in the small satellite field. Talks from an international panel of speakers will cover every aspect of the subject including the design of platforms and subsystems, and the motivating science that small astronomy satellites can address. Several posters concerned with specific missions will also be presented.

10:00 Registration and coffee

SESSION 1

Current & past missions: Chair: Nigel Bannister (Leicester)

10:15 Stuart Eves (SSTL)
Welcome and Introduction

10:20 Gary Melnick (Harvard-Smithsonian Centre for Astrophysics):
The Submillimeter Wave Astronomy Satellite (SWAS)

10:40 Mark Hurwitz (University of California – Berkeley):
The Cosmic Hot Interstellar Plasma Spectrometer (CHIPS)

11:00 Jaymie Mark Matthews (University of British Columbia):
The MOST microsat: A suitcase full of stars and exoplanets

11:20 Jerry Edelstein (University of California – Berkeley):
The SPEAR Astronomy Mission on STSAT-1

11:40 Annie Baglin (Observatoire de Paris):
CoRoT

12:00 Marco Tavani (Istituto di Astrofisica Spaziale – Roma):
Agile

12:20 Robert Lin (University of California – Berkeley):
SESSION 2

Future Missions: Chair: Stuart Eves (SSTL)

12:40 David Parker (STFC):
The UK Space Science & Exploration Programme and lunar exploration vision

13:00 Lunch and posters
A light lunch will be available for purchase at the apartments of Burlington House

13:40 Andrew Collier Cameron (University of St Andrews):
From WASP to BEE: A microsatellite mission to characterise transiting exoplanets

14:00 George Fraser (University of Leicester):
The potential for observing solar system and cosmic X-rays with novel optics on small satellite platforms

14:20 Colin Pillinger (Open University):
Beagle2 the moon

14:40 Phil Davies (Surrey Satellite Technology Ltd):
MoonLITE

15:00 Mino Freund / Pete Klupar (NASA Ames Research Center):
Earthquake detection from space

15:20 Nigel Bannister (University of Leicester):
Title to be confirmed

15:40 Tea will be available in the Lower Library of the Geological Society for those attending the Open (Monthly A&G) Meeting of the Royal Astronomical Society

16:00 Open (Monthly A&G) Meeting

Posters:

P. Brown et al. (Imperial College London):
Magnetometer field measurements aboard CubeSats

M. Hapgood (RAL) & S. Eckersley (EADS Astrium):
Space Weather Measurements with Nanosats

P. Molyneux et al. (University of Leicester):
Compact instrumentation for auroral imaging in the UV

Admission fees:
Admission to Specialist Discussion Meetings is free to RAS members, £15 to non-members (£5 to students) for all or part of the day cash or cheque only, collected at the door. Admission to the subsequent Open (Monthly A&G) Meeting of the Royal Astronomical Society is open to all, at no charge.

For more information see
www.ras.org.uk
Notes for Fellows of the Society

1. RAS NATIONAL ASTRONOMY MEETING 2009 (NAM 2009): April 20-23
The next RAS National Astronomy Meeting (NAM) will combine with the European Astronomical Society (EAS) in a European Week of Astronomy and Space Science (April 2009) at the University of Hertfordshire.

The Astrophysics and Space Science communities are invited to propose sessions by 31 October 2008.

Full details are on the RAS web site.

2. THE RAS KEITH RUNCORN and MICHAEL PENSTON PRIZES
Members are reminded that the closing date for both the above prizes is 31 January 2009. Full details are on the RAS web page or can be obtained from the Executive Secretary at Burlington House.

3. ADMISSION FEES
Admission to the Open (Monthly A&G) Meeting of the RAS is open to all, at no charge. Admission to Specialist Discussion Meetings is free to RAS members, and £15 to non-members (£5 to students) cash or cheque only, collected at the door.

4. ATTENDANCE BY GUESTS AT THE MONTHLY A&G (OPEN) MEETING
Guests of the Society (particularly students) who have attended the Specialist Discussion Meeting are most welcome to attend the Open (Monthly A&G) Meeting of the Society, which commences at 16h00 in the Lecture Theatre of the Geological Society. This meeting is open to all (not just RAS members).

5. UPDATES TO MEETING PROGRAMMES
Please refer to the meetings pages at http://www.ras.org.uk/ for the most up to date meetings information