The Geological Society
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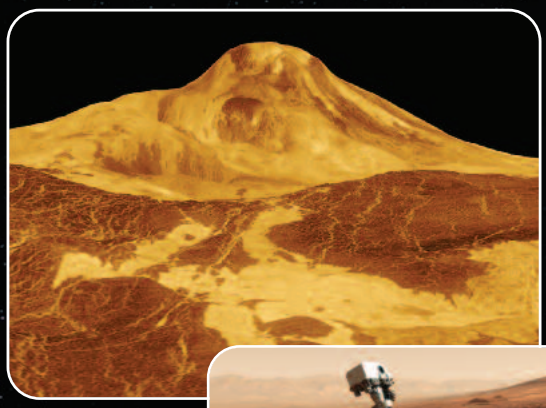
Fermor Meeting 2014:
Comparative Planetology



19-20 May 2014

The Geological Society, Burlington House

A great deal of new data on the terrestrial planets and moons has been produced recently from numerous planetary orbiters, together with rovers. This meeting is planned to bring together scientists who are studying aspects of planetary science on terrestrial planets in the inner solar system. Presentations will fall under three broad themes: Planetary crusts and interiors, planetary surfaces and surface processes (including volcanism, tectonic activity, sedimentation, and impact cratering), and planetary climates and atmospheres. Links between the three themes will be investigated, to develop ideas of exchange between the interior, exterior and atmosphere of planetary-scale bodies.

Topics for discussion:

- Internal structures
- Sedimentation
- Samples
- Volcanism
- Cratering
- Rovers
- Tectonics
- Analogues
- Remote sensing

Conveners:

Professor Hilary Downes FGS

Professor Ian Crawford FRAS

Dr Peter Grindrod FGS, FRAS

Registration fees:

GSL and RAS Fellows £100

Non-Fellows £150

Retired £55

Students £50

Speakers include:

Dr Ellen Stofan (NASA Chief Scientist) ***Venus-Earth-Mars-Titan: Comparing Surfaces, Comparing Climates***

Dr David Catling (University of Washington, Seattle USA) ***Atmospheric evolution on Rocky Planets***

Dr Mary Bourke (Trinity College Dublin, Ireland) ***Blows and flows on Martian dunes***

Professor Sanjeev Gupta (Imperial, London, UK) ***Recent explorations of the Curiosity rover***

Dr Nick Tosca (St Andrews, UK) ***Alien surfaces: interpreting the mineralogical record of early Earth and Mars***

Dr David W Mittlefehldt (JSC Houston) ***Dawn at Vesta***

Further information:

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