

RAS Specialist Discussion Meeting on “Astrobiology on the Moon”

14 May 2010

Session 1 (Chair: Dr Ian Crawford, Birkbeck)

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| 10:00 | Ian Crawford (Birkbeck College) | Introduction/Welcome |
| 10:05 | Charles Cockell (Open University) | Astrobiology: What can we do on the Moon? |
| 10:25 | James Carpenter (ESA) | ESA’s Lunar Lander and Astrobiology |
| 10:45 | Everett Gibson (NASA-JSC) | Lunar Beagle |
| 11:05 | COFFEE | |

Session 2 (Chair: Professor Charles Cockell, OU)

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| 11:30 | John Armstrong (Weber State) | Terrestrial Meteorites on the Moon |
| 11:55 | Mark Burchell (Univ. Kent) | Survival of Organics in Meteorite Impacts with the Lunar Regolith |
| 12:15 | Mahesh Anand (Open University) | Water on the Moon: A Lunar Sample Perspective |
| 12:35 | Ian Crawford (Birkbeck) | Lunar Palaeoregolith Deposits as Recorders of Astrobiologically Important Solar System History |
| 12:55 | LUNCH | |

Session 3 (Chair: Dr Ian Crawford, Birkbeck)

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| 14:00 | Danny Glavin (NASA-GSFC) | Biological Contamination Studies of Lunar Landing Sites |
| 14:25 | David Loftus (NASA-AMES) | The Chemical Reactivity of Lunar Dust: From Toxicity to Astrobiology |
| 14:50 | John Cain (Health and Safety Executive) | Lunar Dust: The Hazard and Astronaut Exposure Risks |
| 15:10 | David Green (King’s College London) | How the UK Can Lead Terrestrial Translation of Biomedical Advances from Lunar Exploration |
| 15:30 | Ian Crawford (Birkbeck) | Close/Final Remarks |