BPSC logistics (3rd-5th December 2017) - Note: a full conference programme will be circulated late November

The conference venue is the Hilton Grosvenor, Glasgow West End:
http://www3.hilton.com/en/hotels/united-kingdom/hilton-glasgow-grosvenor-GLAGRHN/index.html

Pre-conference workshops (Sunday 3rd December, 2017)

If you have registered for a specific workshop you will receive details in the comings weeks from the workshop director. Below are meeting times and locations.

Workshop 1: Geochronology of extraterrestrial materials
The workshop will start at 12 noon but please meet at the front entrance (next to Waitrose) of the Hilton Grosvenor in Glasgow West End at 11 am (sharp). A minibus will transport attendees to SUERC, which is located ca. 20 miles outside the city. Prof. Darren Mark will be at the Hilton entrance for meet and greet. The minibus will leave at 11.10 am.

Workshop 2: The study of organic matter in extraterrestrial materials
The workshop will start at 1 pm. Please meet at the front of the Gregory Building (www.gla.ac.uk/explore/maps), (Lilybank Gardens, University of Glasgow) at 12.45 pm. Dr Lydia Hallis will be onsite for meet and greet.

Workshop 3: Characterisation of crystalline materials by EBSD, TKD and TEM
The workshop will start at 1 pm. Please meet at the front of the Gregory Building (www.gla.ac.uk/explore/maps), (Lilybank Gardens, University of Glasgow) at 12.45 pm. Prof. Martin Lee will be onsite for meet and greet.

Icebreaker

The conference icebreaker will start at 6.30 pm in the upstairs auditorium of Oran Mor (www.oran-mor.co.uk), which is located directly opposite the conference venue (Hilton Grosvenor, Glasgow West End) and within walking distance of the University. Light canapes and drinks (prosecco, wine, soft drinks, water) will be available as will a cash bar. There will be a 'welcome to Glasgow' presentation at 7.30 pm followed

by Peter Davidson and Dr john Faithfull giving a presentation on Scottish meteorites and the Strathmore Centenary. A registration desk will be available to collect welcome packs and name badges. Delegates who have selected to pay their registration onsite please note only cash (£GBP) will be taken.

Conference, day 1 (Monday 4th December)

- The conference venue will open at 8.30 am with tea, coffee and breakfast snacks with the talks starting at 8.55 am.
- Lunch will be 12.30-1.30 pm and is not provided. There is a plethora of places to eat local to the conference venue.
- The talks will conclude at 5.30 and the poster session begin at 6 pm (with free bar) and conclude at 8 pm.

Conference, day 2 (Tuesday 5th December)

- The conference venue will open at 8.30 am with tea, coffee and breakfast snacks with the talks starting at 8.55 am.
- Lunch will be 12.45-2.15 pm and is not provided. There is a plethora of places to eat local to the conference venue.
- Overlapping with lunch are the breakout sessions (1.15-2.15 pm, see below) and available to all delegates.
- The talks will conclude at 5.00 pm.
- 5 – 8 pm there is a break and opportunity for horizon scanning, networking and dinner.
- The post-conference Ceilidh will begin at 8 pm (to late) in the Grosvenor Suite at the Hilton.

UKPF (Wednesday 6th December)

The UKPF Early Careers Meeting is taking place at the University of Glasgow following BPSC. For further details: www.ukplanetaryforum.org

Our hope is that BPSC will evolve to be a biennial event to bring the British planetary science community together. The University of Oxford (Colin Wilson) has offered to host the 2019 event. More details will be provided at the conference.

BPSC sponsors

Thanks are extended to the sponsors of BPSC for their valuable contributions to this inaugural meeting.

1. UK Space Agency
2. Thermo Scientific
3. Meteoritical Society
4. Nature Astronomy

Conference structure – Monday 4th December

8.30	Morning refreshments	
8.55	Introduction – Darren Mark & Martin Lee	
9.10	Opening address: Sheila Rowan	
Session 1 - Technologies & Missions **Christian Schroeder / Claire Cousins**		
9.30	Invited: Hermann Boehnhardt	Philae lander mission and science overview
10.00	Abernethy et al.	ProSPA: An In-situ laboratory for analysing lunar polar volatiles within the PROSPECT mission.
10.15	Carnielli et al.	First 3D test particle model of Ganymede's ionosphere
10.30	Break	
10.45	Bedford et al.	Igneous compositions recorded in Gale crater's sediments
11.00	Mason et al.	The NOMAD spectrometer suite for nadir and solar occultation observations on the ExoMars Trace Gas Orbiter.
11.15	Barnes et al.	Mars in 3D – 3D geological analysis and terrestrial validation of rover-derived stereo-images for the ExoMars 2020 PanCam
Session 2 - Planetary Atmospheres **Colin Wilson / Leigh Fletcher**		
11.30	Fletcher et al.	Saturn at Northern Summer Solstice: The Grand Finale of the Cassini Mission
11.45	Lorenz	Titan's Seas and Interaction with the Atmosphere
12.00	Young & Read	Measuring turbulent cascades in Jupiter's weather layer
12.15	Valeanu et al.	Spectrally resolved energetics of the Martian atmosphere
12.30	Lunch	
13.30	Holmes et al.	Interpretation and understanding of methane plumes on Mars

13.45	El-Said et al.	The Mars Modelling Information Tool for Engineering (MarMITE): A study on the Impact of Local Dust Storms
14.00	Streeter et al.	Analysing martian polar dust transport using data assimilation
Session 3 - Building Solar Systems (planets, moons, exoplanets & impacts) Paul Savage / Christiane Helling		
14.15	Mikhail & Forgan	A net-loss of Earth's volatile elements as the result of impacts
14.30	Bromiley & Potts	The permeability of stagnant lids: diffusive loss of volatiles in Venus and Venusian-type exoplanets
15.00	Potiszil et al.	FTIR and Raman Spectroscopy of Chemically Degraded CM2 Chondrites
15.15	Potts & Bromiley	The Lunar Mantle as a Volatile Reservoir
15.30	Break	
Session 4 - Remote Sensing of solar system bodies Sanjeev Gupta / Peter Grindrod		
15.45	Raack et al.	Unusual sediment transportation processes under low pressure environments and implications for gullies and recurring slope lineae
16.00	Campbell et al.	Hyperspectral Analysis of the Mars South Polar Residual Cap using CRISM
16.15	Banham et al.	From lakes to sand seas: a record of early Mars climate change explored in northern Gale crater, Mars
16.30	Conway & Hass	Alternating glacial and gully erosion on Mars
16.45	Davis et al.	The depositional system of Arabia Terra, Mars: inverted channels, palaeolakes, and regional sediment transport
17.00	Fawdon et al.	ExoMars Landing Site Characterisation
17.15	Harris & Grindrod	Needle in a haystack: Rayed candidate source craters for Martian meteorites
17.30	Break	
18.00-20.00	Poster session (free bar, tickets)	

Conference structure – Tuesday 5th December

8.30	Morning refreshments	
8.55	Introduction – Darren Mark & Martin Lee	
Session 5 - Astrobiology Mark Burchell / Charles Cockell		
9.00	Burchell & Harriss	What type of organic?
9.15	Tan & Sephton	The Fate of Lipid Biomarkers in a Mars-Analogue Sulfur Stream
9.30	Purkamo et al.	Hard rock life: metagenomes from deep terrestrial subsurface
9.45	Montgomery et al.	Effects of oxygen-containing salts on the detection of organic biomarkers on Mars and terrestrial analog soils
10.15	Macey et al.	The impact of martian brine chemistry on the growth of microorganisms
10.30	Invited: Sanjeev Gupta	Exploring fluvial-lacustrine sedimentary systems on Mars with the Curiosity rover
10.45	Break	
Session 6 - Sample Return/Curation Monica Grady / Sara Russell		
11.00	Russell et al.	UK Involvement in the NASA OSIRIS-REx asteroid
11.15	Grady et al.	EURO-CARES: A Vision for European Curation of Extraterrestrial Materials
11.30	Alexander et al.	$^{40}Ar/^{39}Ar$ age determination of basaltic fines from Apollo 12 soil sample 12070,889 and implications for future sample return missions
11.45	Lawton et al.	Characterising the Heavy Noble Gases of Comet Wild 2 with Closed-System Stepped Etching
12.00	Smith et al.	European Space Agency Exploration Sample Analogue Collection (ESA2C) and Curation Facility
12.15	Harkness et al.	Planetary Drilling Technologies: Progress and Applications
12.30	Invited: Katie Joy	Sample return from Antarctica: UK meteorite recovery plans

12.45	Lunch	
13.15-14.15	60 minute breakout sessions	
	[1] Evatt & Joy: Antarctica meteorite search Kelvin Suite	[2] Ghail: Envision – mission update & Snodgrass: Castallia – mission update Grosvenor Suite
Session 7 - Planetary Materials **Rhian Jones / Lydia Hallis**		
14.45	Invited: Audrey Bouvier	Making Earth – Constraints from meteorites
15.00	Crowther et al.	I-Xe Ages of Igneous Inclusions in Ordinary Chondrites
15.15	Greenwood et al.	Understanding the significance of slope 1 variation in early Solar System solids: Oxygen isotope studies of CO and CR chondrites
15.30	Break	
15.45	Jones et al.	Volatile element activity in ordinary chondrite parent bodies
16.00	Daly et al.	Evidence for flow and gravity settling in the parent lavas of the nakhlite (Martian) meteorites from crystal textures and fabrics.
16.15	Forman et al.	Exploring the effects of crystallographic orientation on the generation of shock deformation features in a Martian Shergottite
16.30	Parnell & Lindgren	Behaviour of organic carbon during impact immiscibility
16.45	Tartese et al.	An early Solar System origin for carbonaceous chondrite organics
17.00-17.10	Concluding remarks – end formal programme	
17.10-20.00	Break, refresh & networking	
20.00	BPSC Ceilidh	

Keynote speakers

Sheila	Rowan	Space science in Scotland - highlights & opportunities	University of Glasgow, The Scottish Science Advisory Council, The LIGO Scientific Collaboration
Sue	Horne	Developments in the UKSA and upcoming opportunities	UKSA
Douglas	Hamilton	Developments in noble gas mass spectrometry	Thermo Scientific
Peter Davidson & John Faithfull		Scottish meteorites	National Museums of Scotland & The Hunterian Museum

Breakout sessions
Breakout sessions will overlap with the lunch break on Tuesday 5th December.

Evatt & Joy	Science opportunities from UK meteorite searches in Antarctica	Botanic Suite (60 minutes max.)
Ghail	Envision - mission update	Grosvenor suite (30 minutes max.)
Snodgrass	Castilla - mission update	Grosvenor suite (30 minutes max.)

British Planetary Science Congress 2017 – session oral presentations
Blue = invited speaker

First name	Last name	Abstract title	Institution	Session title
Mark	Burchell	What type of organic?	Univ. of Kent	Astrobiology
Michael Christopher	Macey	The impact of martian brine chemistry on the growth of microorganisms	The Open University	Astrobiology
Wren	Montgomery	Effects of oxygen-containing salts on the detection of organic biomarkers on Mars and terrestrial analog soils	Imperial College London	Astrobiology
Lotta	Purkamo	Hard rock life: metagenomes from deep terrestrial subsurface	St Andrews	Astrobiology
Jonathan	Tan	The Fate of Lipid Biomarkers in a Mars-Analogue Sulfur Stream	Imperial College London	Astrobiology
Sanjeev	Gupta	Exploring fluvial-lacustrine sedimentary systems on Mars with the Curiosity rover	Imperial College London	Astrobiology
Geoff	Bromiley	The permeability of stagnant lids: diffusive loss of volatiles in Venus and Venusian-type exoplanets	University of Edinburgh	Building solar systems
Sami	Mikhail	A net-loss of Earth's volatile elements as the result of impacts	St Andrews	Building solar systems
Christian	Potiszil	FTIR and Raman Spectroscopy of Chemically Degraded CM2 Chondrites	Imperial College London	Building solar systems
Nicci	Potts	The Lunar Mantle as a Volatile Reservoir	The University of Edinburgh	Building solar systems

Adam	El-Said	The Mars Modelling Information Tool for Engineering (MarMITE): A study on the Impact of Local Dust Storms	The Open University	Planetary atmospheres and magnetospheres
Leigh N.	Fletcher	Saturn at Northern Summer Solstice: The Grand Finale of the Cassini Mission	University of Leicester	Planetary atmospheres and magnetospheres
James	Holmes	Interpretation and understanding of methane plumes on Mars	The Open University	Planetary atmospheres and magnetospheres
Ralph	Lorenz	Titan's Seas and Interaction with the Atmosphere	Johns Hopkins Applied Physics Lab	Planetary atmospheres and magnetospheres
Peter	Read	Measuring turbulent cascades in Jupiter's weather layer	University of Oxford	Planetary atmospheres and magnetospheres
Paul	Streeter	Analysing martian polar dust transport using data assimilation	Open University	Planetary atmospheres and magnetospheres
Alexandru	Valeanu	Spectrally resolved energetics of the Martian atmosphere	University of Oxford	Planetary atmospheres and magnetospheres
Sarah	Crowther	I-Xe Ages of Igneous Inclusions in Ordinary Chondrites	University of Manchester	Planetary Materials
Luke	Daly	Evidence for flow and gravity settling in the parent lavas of the nakhlite (Martian) meteorites from crystal textures and fabrics.	University of Glasgow	Planetary Materials

Lucy	Forman	Exploring the effects of crystallographic orientation on the generation of shock deformation features in a Martian Shergottite	Curtin University	Planetary Materials
Richard	Greenwood	Understanding the significance of slope 1 variation in early Solar System solids: Oxygen isotope studies of CO and CR chondrites	The Open University	Planetary Materials
Rhian	Jones	Volatile element activity in ordinary chondrite parent bodies	University of Manchester	Planetary Materials
John	Parnell	Behaviour of organic carbon during impact immiscibility	University of Aberdeen	Planetary Materials
Romain	Tartèse	An early Solar System origin for carbonaceous chondrite organics	University of Manchester	Planetary Materials
Audrey	Bouvier	Making Earth – Constraints from meteorites	University of Western Ontario	Planetary Materials
Steven	Banham	From lakes to sand seas: a record of early Mars climate change explored in northern Gale crater, Mars	Imperial College London	Remote sensing of Solar System bodies
Susan	Conway	Alternating glacial and gully erosion on Mars	CNRS/Université de Nantes	Remote sensing of Solar System bodies
Joel	Davis	The depositional system of Arabia Terra, Mars: inverted channels, palaeolakes, and regional sediment transport	Natural History Museum	Remote sensing of Solar System bodies
Peter	Fawdon	ExoMars Landing Site Characterisation	The Open University	Remote sensing of Solar System bodies
Jennifer	Harris	Needle in a haystack: Rayed candidate source craters for Martian meteorites	Natural History Museum,	Remote sensing of Solar System bodies
Jan	Raack	Unusual sediment transportation processes under low pressure environments and implications for gullies and recurring slope lineae	The Open University	Remote sensing of Solar System bodies

Jacqueline	Campbell (presented by JP Muller)	Hyperspectral Analysis of the Mars South Polar Residual Cap using CRISM	Mullard Space Science Laboratory	Remote sensing of Solar System bodies
Patrick	Harkness	Planetary Drilling Technologies: Progress and Applications	University of Glasgow	Sample Return & Curation
Louise	Alexander	40Ar-39Ar age determination of basaltic fines from Apollo 12 soil sample 12070,889 and implications for future sample return missions.	Birkbeck, University of London	Sample Return & Curation
Caroline	Smith (presented by S-J Gill)	European Space Agency Exploration Sample Analogue Collection (ESA2C) and Curation Facility	Natural History Museum	Sample Return & Curation
Monica	Grady	EURO-CARES: A Vision for European Curation of Extraterrestrial Materials	Open University	Sample Return & Curation
Thomas Peter	Lawton	Characterising the Heavy Noble Gases of Comet Wild 2 with Closed-System Stepped Etching	University of Manchester	Sample Return & Curation
Sara	Russell	UK Involvement in the NASA OSIRIS-REx asteroid sample return mission to Bennu	Natural History Museum	Sample Return & Curation
Katherine	Joy	Sample Return from Antarctica: UK meteorite recovery plans	University of Manchester	Sample Return & Curation
Candice C.	Bedford	Igneous compositions recorded in Gale crater's sediments	The Open University	Technologies & Missions
Feargus	Abernethy	ProSPA: An In-situ laboratory for analysing lunar polar volatiles within the PROSPECT mission	The Open University	Technologies & Missions
Jonathon	Mason	The NOMAD spectrometer suite for nadir and solar occultation observations on the ExoMars Trace Gas Orbiter.	The Open University	Technologies & Missions
Robert	Barnes	Mars in 3D – 3D geological analysis and terrestrial validation of rover-derived stereo-images for the ExoMars 2020	Imperial College London	Technologies & Missions

		PanCam		
Gianluca	Carnielli	First 3D test particle model of Ganymede's ionosphere	Imperial College London	Technologies & Missions
Hermann	Boehnhardt	Philae lander mission and science overview	Max Planck Institute for Solar System Research	Technologies & Missions

British Planetary Science Congress 2017 – poster presentations
Blue = invited poster

Paula	Lindgren	Microstructure of carbon in impact melts from the Gardnos crater	Lund University	Astrobiology
Arola	Moreras	Characterisation of two Mars-analogue geothermal environments in Iceland	University of St Andrews	Astrobiology
Natasha	Nicholson	Biofilms and Bioleaching in Altered Gravity	University of Edinburgh	Astrobiology
Liam	Perera	Fluid evolution within Enceladus	University of Edinburgh	Astrobiology
Philippe	Nauny	Biosignatures in high altitude environments	University of Glasgow	Astrobiology
Mark	Fox-Powell	Cryogenic silicification of microorganisms from hydrothermal fluids	University of St Andrews	Astrobiology
Alex	Price	Geobiological traces of nitrate-dependent ferrous iron oxidation	The Open University	Astrobiology
Nisha K.	Ramkissoon	The development and characterisation of four new martian simulants for use in microbiological experiments	The Open University	Astrobiology
Sam	Royle	Effect of hydration state of Martian perchlorate salts on their decomposition temperatures during thermal extraction	Imperial College London	Astrobiology
Adam	Stevens	A lacustrine ecosystem in Gale Crater and the biosignatures left behind	University of Edinburgh	Astrobiology
Eleanor	Mare	On the causes of silicate partial melting in planetesimals: The combined influence of impact and radiogenic heating	University of St Andrews	Building Solar Systems
George	Cann	Development of CH4 and C2H6 retrieval systems for ExoMars TGO	Mullard Space Science Laboratory, UCL	Planetary atmospheres and

				magnetospheres
Rhian	Chapman	Impact of Global Model Resolution on the Representation of Martian Wind-Stress Dust Lifting	Open University	Planetary atmospheres and magnetospheres
Nahid	Chowdhury	Analysis of UV-wavelength Hubble Space Telescope (HST) images of projections of Jupiter's polar aurorae	University of Leicester	Planetary atmospheres and magnetospheres
Padraig T.	Donnelly	Characterising Jupiter's Temperatures, Aerosols and Ammonia via VLT/VISIR Spatial Mapping 2016-17	University of Leicester	Planetary atmospheres and magnetospheres
Will	Hewson	Martian atmospheric O3 retrieval development for the NOMAD-UVIS spectrometer.	The Open University	Planetary atmospheres and magnetospheres
Chin-Min	Liu	Numerical Simulations of Dynamics of the Uranian Atmosphere	University of Oxford	Planetary atmospheres and magnetospheres
Emmal	Safi	TRacE Gas-mineral inteRactIoNs During aeolian erosion on Mars (REGRIND)	Newcastle University	Planetary atmospheres and magnetospheres
Natasha Vasiliki	Almeida	Clasts in NWA 11220, a recently recovered martian basaltic breccia	Natural History Museum	Planetary Materials
Enrica	Bonato	Investigating the Effects of Heating in Primitive Asteroids	Natural History Museum	Planetary Materials
Fabrizio	Campanale	Impact ejecta from the Australasian microtektite layer: implications for the impact scenario	University of Pisa	Planetary Materials

Benjamin	Farrant	Volatile Components and Impact Melt Processing in the Early Inner Solar System	University of Manchester	Planetary Materials
Sammy	Griffin	Reassessing the geochemical evolution of the nakhlite meteorites as multiple martian lava flows.	University of Glasgow	Planetary Materials
Nicola	Mari	Inferring mantle potential temperature from olivine P-zoning in a Martian lava	University of Glasgow	Planetary Materials
Zoe	Morland	Cooling rates and vesiculation of shock melt pockets in shergottites	The University of Manchester	Planetary Materials
Jack David	Piercy	Carbonates in Lafayette: Implications for Fluids in the Martian Crust	University of Leicester	Planetary Materials
Lorraine	Ruzié-Hamilton	The halogen composition of Shergottite meteorites	University of Manchester	Planetary Materials
Paul	Schofield	The settings of aqueous alteration in the early solar system: A nanoscale STXM investigation of the Murchison CM2 chondrite	Natural History Museum	Planetary Materials
Craig	Walton	Fault textures in chondrites: does rarity imply insignificance?	University of St Andrews	Planetary Materials
Benjamin	Cohen	Did the R chondrite parent body experience onion-shell cooling?	University of Glasgow/SUERC	Planetary Materials
Andrew	Dobrzanski	Mössbauer analysis of Alkaline Igneous Systems – Tracking redox within the Norra Kärr Lanthanoid resource	University of Edinburgh	Planetary Materials
Agata	Krzesinska	Hydrothermal alteration record in Chassigny	Natural History Museum	Planetary Materials
Sandra	Piazolo	Impacts in space at a glimpse: Nanoscale orientation mapping and neutron diffraction analysis reveals extreme deformation in diamond	University of Leeds	Planetary Materials

Paul	Savage	Zinc isotope clues on the source of Earth's moderately volatile elements	University of St Andrews	Planetary Materials
Thomas	Stokes	Determining the redox state of planetary interiors: a new tool based on trace element partition in apatite	University of Edinburgh	Planetary Materials
Annemarie	Pickersgill	Shock metamorphism in feldspar from the Chicxulub impact structure	University of Glasgow/SUERC	Planetary Materials
Laura Michelle	Brooker	Analysis of potential fluvial features located in and around Lyot crater, Mars	Open University	Remote sensing of Solar System bodies
Jake	Collins-May	Investigating the development of putative fluvial features in southern Hale Crater ejecta	Newcastle University	Remote sensing of Solar System bodies
Claire	Cousins	Visible-SWIR spectroscopy and alteration mineralogy of fluvial and lacustrine basaltic sediments from Iceland as an analogue for Mars	University of St Andrews	Remote sensing of Solar System bodies
Giulia	Magnarini	Origin of longitudinal ridges and furrows observed in long runout landslide: the case of a Martian landslide	University College London	Remote sensing of Solar System bodies
Christopher	Malliband	Identification of small smooth units abutting lobate scarps on Mercury.	Open University	Remote sensing of Solar System bodies
Jack	Wright	Geological mapping of the Hokusai (H05) quadrangle of Mercury	The Open University	Remote sensing of Solar System bodies
Siting	Xiong	Investigation of an automated method for construction of a 3-D block diagram of Promethei Lingula in the Martian SPLD	Mullard Space Science Laboratory, UCL	Remote sensing of Solar System bodies
Frances	Butcher	Environments of recent wet-based mid-latitude glaciation on Mars	Open University	Remote sensing of Solar System bodies
Tristram	Warren	Oxford Space Environment Goniometer and 3D Thermal Physical Modelling	University of Oxford	Remote sensing of Solar System bodies
Jack	Carter	Development of a hierarchical Bayesian model for end member age extraction: for application of 40Ar/39Ar dating	SUERC	Technologies & Missions

		of Mars		
Elyse	Allender	Scientific Integration of ExoMars Pancam, ISEM, and CLUPI instruments	University of St Andrews	Technologies & Missions
Neil	Bowles	CASTAway: A mission to map the evolution of the Solar System	University of Oxford	Technologies & Missions
Christian	Schröder	MIMOS IIa, a combined Mössbauer and X-ray florescence spectrometer for the in situ analysis of the Moon, Mars, and asteroids	University of Stirling	Technologies & Missions
Duck	Mittlefehldt (presented by C Schroeder)	Impact-facilitated Hydrothermal Alteration in the Rim of Endeavour Crater, Mars	State University of New York	Technologies & Missions
Jan-Peter	Muller	Status of DTM production on Mars from the EU-FP7 iMars project	Mullard Space Science Laboratory, UCL	Technologies & Missions
John	Bridges	Igneous Differentiation of the Martian Crust	University of Leicester	Technologies & Missions
Victoria	Roloff	CaSSIS: martian life so far	University of Bern	Technologies & Missions
Roger	Stabbins	End-to-End Simulation of the ExoMars PanCam Wide Angle Cameras	Mullard Space Science Laboratory, UCL	Technologies & Missions
Yu	Tao	Automated dynamic feature tracking of RSLs on the Martian surface from HiRISE using super-resolution restoration and 3D reconstruction	Mullard Space Science Laboratory, UCL	Technologies & Missions
Matthew	Balme	MURFI 2016 – Mars Utah Rover Field investigation	Open University	Technologies & Missions

Queenie Hoi Shan	Chan	Re-interpretation of the Ptolemy data from the Rosetta Mission	The Open University	Technologies & Missions
Matt	Gunn	A Hyperspectral Camera for Planetary Exploration	Aberystwyth University	Technologies & Missions
Panagiotis	Sidiropoulos	Automated surface change detection on Mars: a status update from the EU-FP7 iMars project	Mullard Space Science Laboratory, UCL	Technologies & Missions
Michael	Johnson	SUPER-SHARPi: A High Resolution Interplanetary CubeSat Imaging Platform for Astronomy, Space and Planetary Science	University of Cambridge	Technologies & Missions
Alfiah Rizky Diana	Putri	Automatic Quality Assessment of Batch-Produced Martian DTMs from CTX	Mullard Space Science Laboratory, UCL	Technologies & Missions
Samantha	Bell	Crystal size distribution analysis of Apollo 15 mare basalts using	University of Manchester	Sample Return & Curation
Joshua	Rhodes-Hook	The evolution of the L chondrite parent body: Insights from the first (High Possil, 1804) and last (Strathmore, 1917) Scottish meteorite falls	St Andrews	Exhibit
Sevastoi	Modestu	The SUERC clumped isotope facility	SUERC	Facility advertisement

Delegates attending (*n*171):

Blue = students

Dr	Feargus	Abernethy	The Open University	Feargus.Abernethy@open.ac.uk
	Luke	Alesbrook	University of Kent	lsa7@kent.ac.uk
Dr	Louise	Alexander	Birkbeck, University of London	louise.alexander@ucl.ac.uk
Dr	Elyse	Allender	University of St Andrews	ea63@st-andrews.ac.uk
Dr	Natasha Vasiliki	Almeida	Natural History Museum	n.almeida@nhm.ac.uk
	Rickbir Singh	Bahia	University of Manchester	rickbir.bahia@manchester.ac.uk
Dr	Matthew	Balme	Open University	matt.balme@open.ac.uk
Dr	Steven	Banham	Imperial College London	s.banham@ic.ac.uk
Dr	Robert	Barnes	Imperial College London	robert.barnes@imperial.ac.uk
	Candice C.	Bedford	The Open University	candice.bedford@open.ac.uk
	Samantha	Bell	University of Manchester	samantha.bell@manchester.ac.uk
	Sarah Boazman	Boazman	Natural History Museum	sarahboazman@gmail.com
Prof	Hermann	Boehnhardt	Max Planck	boehnhardt@mps.mpg.de
	Enrica	Bonato	Natural History Museum	e.bonato@nhm.ac.uk
Dr	Audrey	Bouvier	University of Western Ontario	audrey.bouvier@uwo.ca
Dr	Neil	Bowles	University of Oxford	neil.bowles@physics.ox.ac.uk
Dr	Emma	Bramham	University of Leeds	e.k.bramham@leeds.ac.uk
Prof	John	Bridges	University of Leicester	j.bridges@le.ac.uk
Dr	Geoff	Bromiley	University of Edinburgh	Geoffrey.bromiley@ed.ac.uk
	Laura Michelle	Brooker	Open University	laura.brooker@open.ac.uk
Prof	Mark	Burchell	Univ. of Kent	m.j.burchell@kent.ac.uk
Prof	Ray	Burgess	University of Manchester	ray.burgess@manchester.ac.uk
	Frances	Butcher	Open University	frances.butcher@open.ac.uk
	Fabrizio	Campanale	University of Pisa	fabrizio.campanale2@gmail.com

	George	Cann	UCL (MSSL)	george.cann.15@ucl.ac.uk
	Gianluca	Carnielli	Imperial College London	gianluca.carnielli10@imperial.ac.uk
	Jack	Carter	SUERC	j.carter.1@research.gla.ac.uk
Dr	Queenie Hoi Shan	Chan	The Open University	queenie.chan@open.ac.uk
	Rhian	Chapman	Open University	rhian.chapman@open.ac.uk
	Nahid	Chowdhury	University of Leicester	mnc8@leicester.ac.uk
Dr	Matthieu	Clog	SUERC	matthieu.clog@glasgow.ac.uk
Dr	Benjamin	Cohen	University of Glasgow / SUERC	ben.cohen@glasgow.ac.uk
	Jake	Collins-May	Newcastle University	j.collins-may@newcastle.ac.uk
Dr	Susan	Conway	CNRS/Université de Nantes	susan.conway@univ-nantes.fr
Dr	Claire	Cousins	University of St Andrews	crc9@st-andrews.ac.uk
Dr	Sarah	Crowther	The University of Manchester	sarah.crowther@manchester.ac.uk
	Luke	Daly	University of Glasgow	luke.daly@glasgow.ac.uk
Dr	Peter	Davidson	National Museums Scotland	P.Davidson@nms.ac.uk
Mr	Joel	Davis	Natural History Museum	joel.davis@nhm.ac.uk
	Andrew	Dobrzanski	University of Edinburgh	a.j.dobrzanski@ed.ac.uk
	Padraig T.	Donnelly	University of Leicester	ptd10@le.ac.uk
Dr	Adam	El-Said	The Open University	adam.el-said@open.ac.uk
	Aikaterini	Eleftheriou	University of Stirling	aie00011@students.stir.ac.uk
Dr	Geoff	Evatt	University of Manchester	geoffrey.evatt@manchester.ac.uk
Dr	Derek	Fabel	SUERC	Derek.fabel@glasgow.ac.uk
Dr	John	Faithfull	Hunterian Museum	John.Faithfull@glasgow.ac.uk
	Benjamin	Farrant	University of Manchester	benjamin.farrant@manchester.ac.uk
	Stefan	Farsang	University of Cambridge	sf571@cam.ac.uk
Dr	Peter	Fawdon	The Open University	Peter.fawdon@open.ac.uk
Dr	David	Firstbrook	University of Glasgow	david.firstbrook@glasgow.ac.uk
	Callum	Fisher	University of Kent	cf392@kent.ac.uk

Dr	Leigh N.	Fletcher	University of Leicester	leigh.fletcher@le.ac.uk
Dr	Lucy	Forman	Curtin University	lucy.forman@curtin.edu.au
Dr	Mark	Fox-Powell	University of St Andrews	mgfp@st-andrews.ac.uk
Dr	Richard	Ghail	Imperial College London	r.ghail@imperial.ac.uk
Dr	Sarah-Jane	Gill	Natural History Museum	s.gill@nhm.ac.uk
Prof	Jamie	Gilmour	University of Manchester	Jamie.gilmour@manchester.ac.uk
Prof	Monica	Grady	Open University	m.m.grady@open.ac.uk
Dr	Richard	Greenwood	The Open University	r.c.greenwood@open.ac.uk
	Holly	Grey	The University of Manchester	holly-louise97@hotmail.com
	Jonny	Grice	Open University	jonny.grice@open.ac.uk
	Sammy	Griffin	University of Glasgow	s.griffin.3@research.gla.ac.uk
Dr	Matt	Gunn	Aberystwyth University	mmg@aber.ac.uk
Prof	Sanjeev	Gupta	Imperial College London	s.gupta@imperial.ac.uk
Dr	Lydia	Hallis	University of Glasgow	Lydia.hallis@glasgow.ac.uk
	Mary	Halton	Birkbeck, University of London	mhalto02@mail.bbk.ac.uk
Mr	Doug	Hamilton	Thermo Fisher Scientific	doug.hamilton@thermofisher.com
	Rachael	Hamp	Open University	rachael.hamp@open.ac.uk
Dr	Patrick	Harkness	University of Glasgow	patrick.harkness@glasgow.ac.uk
Dr	Jennifer	Harris	Natural History Museum,	jennifer.harris@nhm.ac.uk
Mr	Brijen	Hathi	Open University	brijen.hathi@open.ac.uk
	Will	Hewson	The Open University	will.hewson@open.ac.uk
	Peter	Higgins	University of Edinburgh	p.m.higgins@ed.ac.uk
	Zoe	Hodges	Imperial College London	z.hodges17@imperial.ac.uk
Dr	James	Holmes	The Open University	james.holmes@open.ac.uk
Mrs	Sue	Horne	UK Space Agency	sue.horne@ukspaceagency.bis.gsi.gov.uk
Dr	Ryan	Ickert	SUERC	ryan.ickert@glasgow.ac.uk
	Michael	Johnson	University of Cambridge	michael@johnsons.li

Dr	Rhian	Jones	University of Manchester	Rhian.jones-2@manchester.ac.uk
Dr	Katherine	Joy	University of Manchester	Katherine.joy@manchester.ac.uk
Dr	Agata	Krzesinska	Natural History Museum	a.krzesinska@nhm.ac.uk
	Thomas Peter	Lawton	University of Manchester	Thomas.Lawton-3@manchester.ac.uk
Prof	Martin	Lee	University of Glasgow	Martin.Lee@Glasgow.ac.uk
Prof	Stephen	Lewis	The Open University	stephen.lewis@open.ac.uk
Dr	Paula	Lindgren	Lund University	paula.lindgren@geol.lu.se
	Chin-Min	Liu	University of Oxford	chin-min.liu@physics.ox.ac.uk
Dr	Ralph	Lorenz	Johns Hopkins Applied Physics Lab	ralph.lorenz@jhuapl.edu
Mrs	Rachel	Luke	UK Space Agency	Rachel.Luke@ukspaceagency.bis.gsi.gov.uk
Mr	Michael Christopher	Macey	The Open University	Michael.macey@open.ac.uk
	Giulia	Magnarini	University College London	giulia.magnarini.14@ucl.ac.uk
	Christopher	Malliband	Open University	chris.malliband@open.ac.uk
Ms	Kamini	Manick	Natural History Museum	k.manick@nhm.ac.uk
Ms	Eleanor	Mare	University of St Andrews	em227@st-andrews.ac.uk
	Nicola	Mari	University of Glasgow	n.mari.1@research.gla.ac.uk
Prof	Darren	Mark	SUERC	Darren.Mark@glasgow.ac.uk
Dr	Jonathon	Mason	The Open University	jon.mason@open.ac.uk
Dr	Sami	Mikhail	St Andrews	sm342@st-andrews.ac.uk
Miss	Melissa	Mirino	Open University	melissa.mirino@community.isunet.edu
Dr	Sevasti	Modestou	SUERC	sevasti.modestou@glasgow.ac.uk
Dr	Wren	Montgomery	Imperial College London	w.montgomery@imperial.ac.uk
	Arola	Moreras	University of St Andrews	amm48@st-andrews.ac.uk
	Zoe	Morland	The University of Manchester	zoe.morland@hotmail.co.uk
Dr	James	Mortimer	The Open University	James.Mortimer@open.ac.uk
Prof	Jan-Peter	Muller	UCL-MSSL	j.muller@ucl.ac.uk
	Philippe	Nauny	University of Glasgow	p.nauny.1@research.gla.ac.uk

	Natasha	Nicholson	University of Edinburgh	n.e.nicholson@sms.ed.ac.uk
	Aine	O'Brien	University of Glasgow	a.obrien.1@research.gla.ac.uk
	Tom	Ormerod	University of Manchester	tomormerod@hotmail.co.uk
Prof	Paul	Palmer	University of Edinburgh	Paul.palmer@ed.ac.uk
Prof	John	Parnell	University of Aberdeen	J.Parnell@abdn.ac.uk
Dr	Manish	Patel	The Open University	manish.patel@open.ac.uk
	David	Pegg	Open University	david.pegg@open.ac.uk
	Liam	Perera	University of Edinburgh	l.j.perera@sms.ed.ac.uk
Dr	Sandra	Piazolo	University of Leeds, UK	s.piazolo@leeds.ac.uk
	Annemarie	Pickersgill	University of Glasgow/ SUERC	a.pickersgill.1@research.gla.ac.uk
	Jack David	Piercy	University of Leicester	jdp32@leicester.ac.uk
Dr	Graeme	Poole	University of Bristol	graeme.poole@bristol.ac.uk
Mr	Christian	Potiszil	Imperial College London	c.potiszil13@imperial.ac.uk
Dr	Nicci	Potts	The University of Edinburgh	Nicola.potts@ed.ac.uk
	Alex	Price	The Open University	alex.price@open.ac.uk
Dr	Lotta	Purkamo	University of St Andrews	lkp5@st-andrews.ac.uk
	Alfiah Rizky Diana	Putri	Mullard Space Science Laboratory, UCL	alfiah.putri.15@ucl.ac.uk
Dr	Jan	Raack	The Open University	jan.raack@open.ac.uk
Dr	Nisha K.	Ramkissoon	The Open University	nisha.ramkissoon@open.ac.uk
Prof	Peter	Read	University of Oxford	peter.read@physics.ox.ac.uk
	Vincent	Rennie	Open University	vincent.rennie@open.ac.uk
	Joshua	Rhodes-Hook	SUERC / St Andrews	jarrh@st-andrews.ac.uk
	Victoria	Roloff	University of Bern	victoria.roloff@space.unibe.ch
Prof	Sheila	Rowan	Scottish Government / University of Glasgow	chiefscientificadviser@gov.scot
	Naomi	Rowe-Gurney	University of Leicester	nrg13@le.ac.uk
Dr	Sam	Royle	Imperial College London	s.royle@imperial.ac.uk
Mr	Mike	Rumsey	Natural History Museum	m.rumsey@nhm.ac.uk

Prof	Sara	Russell	Natural History Museum	sarr@nhm.ac.uk
Dr	Lorraine	Ruzié-Hamilton	University of Manchester	lorraine.ruzie@manchester.ac.uk
Miss	Emmal	Safi	Newcastle University	e.safi@keele.ac.uk
	Kartikeya Singh	Sangwan	Imperial College London	k.sangwan17@imperial.ac.uk
	Naomi	Saunders	Oxford University	naomi.saunders@earth.ox.ac.uk
Dr	Paul	Savage	University of St Andrews	pss3@st-andrews.ac.uk
Dr	Paul	Schofield	Natural History Museum	p.schofield@nhm.ac.uk
Dr	Christian	Schröder	University of Stirling	christian.schroeder@stir.ac.uk
Prof	Carrock	Sewell	University of Lincoln	carrock.sewell@doctors.org.uk
Dr	Panagiotis	Sidiropoulos	Mullard Space Science Laboratory, UCL	p.sidiropoulos@ucl.ac.uk
	David	Slade	Open University	David.slade@open.ac.uk
	Aimee	Smith	University of Manchester	aimee.smith-2@postgrad.manchester.ac.uk
Dr	Colin	Snodgrass	The Open University	colin.snodgrass@open.ac.uk
	Roger	Stabbins	MSSL - UCL	roger.stabbins.10@ucl.ac.uk
Dr	Robert	Steele	University of St Andrews	r.steele@uclmail.net
Dr	Natasha	Stephen	University of Plymouth	natasha.stephen@plymouth.ac.uk
Dr	Adam	Stevens	University of Edinburgh	adam.stevens@ed.ac.uk
	Thomas	Stokes	University of Edinburgh	Thomas.stokes@ed.ac.uk
	Paul	Streeter	Open University	paul.streeter@open.ac.uk
	Martin David	Suttle	Imperial College London	mds10@ic.ac.uk
	Jonathan	Tan	Imperial College London	jst110@ic.ac.uk
	Yu	Tao	Mullard Space Science Laboratory, Univerisity College London	yu.tao@ucl.ac.uk
Dr	Romain	Tartese	University of Manchester	romain.tartese@manchester.ac.uk
	Ben	Taysum	University of Edinburgh	btaysum@googlemail.com
	Camille	Teasdale	Birkbeck, University of London	millie.teasdale@gmail.com
Dr	Jon	Telling	Newcastle University	jon.telling@newcastle.ac.uk
	Mark	Till	Birkbeck College	mark.till@me.com

	Ryan	Timoney	University of Glasgow	r.timoney.1@research.gla.ac.uk
Dr	Marissa	Tremblay	SUERC	marissa.tremblay@glasgow.ac.uk
Dr	Pat	Trimby	Oxford Instruments Nanoanalysis	pat.trimby@oxinst.com
	Alexandru	Valeanu	University of Oxford	valeanu@atm.ox.ac.uk
Dr	Rachel	Walcott	National Museums Scotland	r.walcott@nms.ac.uk
	Craig	Walton	University of St Andrews	cw90@st-andrews.ac.uk
Dr	Tristram	Warren	University of Oxford	warren@atm.ox.ac.uk
Dr	Paul	Woods	Nature Astronomy	paul.woods@nature.com
Dr	Kevin	Worrall	University of Glasgow	kevin.worrall@glasgow.ac.uk
Dr	Penny	Wozniakiewicz	University of Kent	pjw@kent.ac.uk
	Jack	Wright	The Open University	jack.wright@open.ac.uk
	Siting	Xiong	MSSL, University College London	siting.xiong.14@ucl.ac.uk