

## Schedule for ISLPS 2016

<b>9 June</b>			
<b>08:00-08:30</b>	<b>Opening, Chair Ziyuan OUYANG</b>		
<b>08:30-08:45</b>	<b>Group picture</b>		
<b>Session 1 Lunar rocks</b>			
<b>Chair</b>	<b>Clive R. NEAL and Yangting LIN</b>		
<b>Time</b>	<b>Speakers</b>	<b>Title</b>	<b>Types</b>
08:45-09:10	Clive R. NEAL	Are Ferroan Anorthosites Direct Products of the Lunar Magma Ocean?	Invited oral
09:10-09:25	Yanhao LIN	Hydrous Early Moon? Constraints from Hydrous Lunar Magma Ocean Solidification Experiments	Oral
09:25-09:40	Yasunori MIURA	Lunar Minerals and Rocks: Volatiles Separated by Impact and Volcanic Events	Oral
09:40-09:55	Xunyu ZHANG	Mineralogical Variation of the Late Stage Mare Basalts	Oral
09:55-10:10	Xianmin WANG	Identification of Rock Suits on the Lunar Surface	Oral
10:10-10:25	Ying SUN	Quantitative Spectral Analysis with M3 Images Applied to the Theophilus Central Peak	Oral
<b>10:25-10:40</b>	<b>Coffee Break</b>		
<b>Session 2 Surface processes on the Moon</b>			
<b>Chair</b>	<b>Roberto BUGIOLACCHI and Zhiyong XIAO</b>		
<b>Time</b>	<b>Speakers</b>	<b>Title</b>	<b>Types</b>
10:40-10:55	Bo LI	Displacement-Length Relationship and Amount of Strain for Lunar Wrinkle Ridges in Mare Serenitatis and Tranquillitatis	Oral
10:55-11:10	Bo WU	Distribution and Population Characteristics of Lunar Craters in Orientale Basin from the Recent High-Resolution Remote Sensing Datasets	Oral
11:10-11:25	Zhiyong XIAO	Emplacement History of Self-Secondaries	Oral
11:25-11:40	Roberto BUGIOLACCHI	Survey and Analysis of the Craters Population in the Apollo 17 Region: Wider Implications for Crater Geochronology	Oral
11:40-11:55	Jun DU	Thickness of Lunar Maria Basalts: New Results Based on Degraded Partially Buried Craters	Oral
<b>12:10-14:00</b>	<b>Lunch Break</b>		

<b>Session 3 Lunar interior</b>			
<b>Chair</b>	<b>Mark A. WIECZOREK and Ryuhei YAMADA</b>		
<b>Time</b>	<b>Speakers</b>	<b>Title</b>	<b>Types</b>
14:00-14:25	<b>Mark A. WIECZOREK</b>	New Results from NASA's Lunar Gravity Mapping Mission GRAIL	Invited oral
14:25-14:40	Qian HUANG	Mass Anomalies Beneath the Surface of Lunar Volcanic Complexes from GRAIL Bouguer Gravity Field	Oral
14:40-14:55	Xuyuan WANG	Linear Structures Of Lunar Gravity Anomalies	Oral
14:55-15:10	Jianguo YAN	High Resolution Lunar Mascon Density Structure Revealed by Grail Gravity	Oral
15:10-15:25	Yuji HARADA	The Deep Lunar Interior with a Low-Viscosity Zone: Revised Constraints from Recent Geodetic Parameters on the Tidal Response of the Moon	Oral
15:25-15:40	Shuoran YU	Competition Between Stagnant Lid Thickening and Development of Lunar Magma Ocean Overturn	Oral
15:40-15:55	Ryuhei YAMADA	Scientific Results Expected from the APPROACH Mission	Oral
<b>15:55-16:10</b>	<b>Coffee Break</b>		
<b>Session 4 Atmosphere and space physics</b>			
<b>Chair</b>	<b>Jun CUI and Yong WEI</b>		
<b>Time</b>	<b>Speakers</b>	<b>Title</b>	<b>Types</b>
16:10-16:35	<b>Jun CUI</b>	How to Interpret the Temperature Variability in Titan's Upper Atmosphere	Invited oral
16:35-16:50	Zhenfei ZHANG	Magnetic Field-Associated Dielectric Anisotropy of the Martian Ionosphere Detected by MARSIS	Oral
16:50-17:15	<b>Yong WEI</b>	Comparative Aeronomy as a Planetary Perspective on Earth's Environmental Evolution	Invited oral
17:15-17:30	Lianghai XIE	Solar Wind-Generated Current in the Lunar Dust Experiment	Oral
17:30-17:45	Kim C. CHOW	Numerical Modeling of the Atmospheric Circulation and Dust Cycle on Mars	Oral
<b>17:45-18:45</b>	<b>Poster session</b>		

# 10 June

## Session 5 Water on Mars

**Chair** James W. HEAD and Timothy D. GLOTCH

<b>Time</b>	<b>Speakers</b>	<b>Title</b>	<b>Types</b>
08:00-08:25	<b>James W. HEAD III</b>	Late Noachian “Cold and Icy Highlands” Model: Geological Predictions for Equilibrium Environments and Non-Equilibrium Melting Scenarios	Invited oral
08:25-08:40	Donald R. HOOD	Martian Bulk Soil Hydration Revealed by Principal Component Analysis of Regional Chemical Data	Oral
08:40-08:55	Sen HU	Martian Water: Origin and Evolution	Oral
08:55-09:20	<b>Timothy D. GLOTCH</b>	Composition, Physical Properties, and Hydration State of Halite-Bearing Deposits on Mars	Invited oral
09:20-09:45	<b>Jean P. BIBRING</b>	Mars History Revisited: Building New Paradigm	Invited oral
<b>09:45-10:00</b>	<b>Coffee break</b>		

## Session 6 Mars surface geology

**Chair** Long XIAO and Goro KOMATSU

<b>Time</b>	<b>Speakers</b>	<b>Title</b>	<b>Types</b>
10:00-10:15	Sheng GOU	Characterization of Hydrous and Mafic Minerals in Tyrrhena Terra, Mars	Oral
10:15-10:30	Zongyu YUE	An Investigation into the Paradox for the Platy-Ridged-Polygonized Terrain in Elysium Planitia, Mars	Oral
10:30-10:55	<b>Goro KOMATSU</b>	The Utility of Field Conferences in Harnessing the Scientific Potential of Terrestrial Analogs in Asia for Planetary Geology Research	Invited oral
10:55-11:20	<b>Long XIAO</b>	Qaidam Basin, NE Tibetan Plateau: A New Unique Mars Analogue Site for Its Wet Past and Dry Environment Today	Invited oral
11:20-11:35	Yanan DANG	Morphology and Composition of Polygon Surface Structures in the Qaidam Basin and Implications for Mars	Oral
11:35-12:00	<b>Yiliang LI</b>	Earth’s Early Biosphere without an Ozone Layer	Invited oral
<b>12:00-13:00</b>	<b>Lunch Break</b>		
<b>13:00-14:00</b>	<b>Poster session</b>		

**Session 7 Mineralogy and geochemistry**

<b>Chair</b>	<b>Liping QIN and Aicheng ZHANG</b>		
<b>Time</b>	<b>Speakers</b>	<b>Title</b>	<b>Types</b>
14:00-14:25	<b>Aicheng ZHANG</b>	Young Fluid Activity in the Early Solar System Recorded by Apatite in a Type 3 Carbonaceous Chondrite	Invited oral
14:25-14:40	Huaping WANG	Lifetime of The Solar Nebula Constrained by Meteorite Paleomagnetism and Delayed Onset of a Planetary Dynamo	Oral
14:40-14:55	Masahiro YASUTAKE	Opx Enriched Lodranite, Y: 983119 Cumulate Rock from Acapulcoite-Lodranite Parent Planetary?	Oral
14:55-15:10	<b>Liping QIN</b>	The Use of Metal Isotopes to Trace Planetary Processes	Invited oral
15:10-15:35	Wei YANG	NanoSIMS Analytical Methods for Extraterrestrial Samples	Oral
15:35-15:50	Shuhao ZUO	The Occurrence and Mineralogy of Iron-Rich Spherules of Taihu Lake Suggest They Likely were Airburst Fallout rather than Groundwater Colloidal Deposition	Oral
<b>15:50-16:05</b>	<b>Coffee break</b>		

**Session 8 Small bodies**

<b>Chair</b>	<b>Jiayang LI and Noriyuki NAMIKI</b>		
<b>Time</b>	<b>Speakers</b>	<b>Title</b>	<b>Types</b>
16:05-16:30	<b>Jiayang LI</b>	Dawn at Ceres	Invited oral
16:30-16:45	Eri TATSUMI	Local Space Weathering Mapping on Itokawa Based on the AMICA Close-Up Images	Oral
16:45-17:00	Yun JIANG	Boulders and Craters on 4179 Toutatis as Closely Flew by Chang'E-2	Oral
17:00-17:25	<b>Noriyuki NAMIKI</b>	Development and Initial Operation of Hayabusa2 LIDAR	Invited oral
17:25-17:40	Zhuoxi HUO	CROWN: A Constellation of Heterogeneous Wide-Field NEO Surveyors	Oral
17:40-17:55	Koji MATSUMOTO	Moments of Inertia of Phobos with Inhomogeneous Internal Structure	Oral
<b>17:55-18:10</b>	<b>Closing Remarks and Certificate for SSPSEE 2016, Chair James W. HEAD III</b>		