Day-1 (6 Dec. 2018)

Talk No.	Session 1: Hayabusa: sample curation and international AO results			Chair: T. Yada, D. L. Schrader
1	9:30	9:45	From Hayabusa to Hayabusa2: Present status and plans of curatorial works for JAXA'S asteroidal sample return missions	Toru Yada
2	9:45	10:00	Physical Properties of Silicate-Rich Regolith Particles from Itokawa Asteroid	Safoura Tanbakouei
3	10:00	10:15	Establishing Itokawa's water contribution to Earth	Ziliang Jin
4	10:15	10:30	The origin of hydrogen in space weathered rims of Itokawa regolith particles	Luke Daly
5	10:30	10:45	Synchrotron Nanoprobe Analysis of Space Weathered Itokawa Grains	Leon James Hicks
6	10:45	11:00	Collisional fragmentation of an olivine-enstatite-rich Itokawa particle	Falko Langenhorst
7	11:00	11:15	Measuring Shock Stage of Itokawa and Other Asteroid Regolith Grains by Electron BackScattered Diffraction	Michael Zolensky
8	11:15	11:30	U-Pb systematics of Hayabusa particles: Constrains on the thermal and impact histories of 25143 Itokawa	Kentaro Terada
9	11:30	11:45	Itokawa, a >4.2 Ga old rubble pile asteroid	Fred Jourdan
10	11:45	12:00	Itokawa chondrule fragment preserves evidence of proto-planetary disk processing	Steven Reddy
11	12:00	12:15	Searching for Volatiles in Space Weathered Grains	Katherine D Burgess
12	12:15	12:30	Preliminary results from sulfide Hayabusa particle RB-CV-0234	Devin L. Schrader
	12:30	14:00	< Group Photo >, < Lunch >	
	14:00	15:30	< Poster session >	
	Session 2: Laboratory studies for carbonaceous asteroids			Chair: H. Yabuta, H. Bates
13	15:30	15:45	Exploring the potential of Xe+ Plasma FIB for minimum mass-loss sectioning of meteoritic analogs of coarse-grained (0.2-1 mm) asteroidal samples from the JAXA Hayabusa 2 sample return mission to asteroid Ryugu	Adrian J. Brearley
14	15:45	16:00	Thermal Infrared Spectra of Heated CM and C2 Chondrites and Implications for Asteroid Sample Return Missions	Helena Bates
15	16:00	16:15	The Jbilet Winselwan CM chondrite: an analogue for C-type asteroid sample return	Ashley J. King
16	16:15	16:30	Sulfide mineralogy of heated CM/CI-like chondrites as indicator of asteroidal processes	Dennis Harries
	16:30	17:00	< Discussion for the Day-1 >	Hisayoshi Yurimoto
			<Curation Facility Tour>	

Day-2 (7 Dec. 2018)

	Session 3: Hayabusa2: First light for Asteroid Ryugu			Chair: M. Abe, J. Biele
17	9:30	9:50	Operation Status of Hayabuas2 in the Proximity of Asteroid Ryugu	Yuichi Tsuda [Invited]
18	9:50	10:10	A reshaped rubble-pile asteroid Ryugu as observed by Hayabusa2	Sei-ichiro Watanabe [Invited]
19	10:10	10:30	The first detailed visible multi-band imaging observations of asteroid Ryugu	Seiji Sugita [Invited]
20	10:30	10:50	First Global Thermal Images of Asteroid 162173 Ryugu and Implications to Thermal Inertia, Grain Size and Roughness	Tatsuaki Okada [Invited]
21	10:50	11:10	Infrared spectra of asteroid 162173 Ryugu obtained by Near-infrared Spectrometer (NIRS3)	Moe Matsuoka [Invited]
22	11:10	11:30	Scientific Evaluation on the Asteroid Ryugu in Hayabusa2 Landing Site Selection	Hikaru Yabuta [Invited]
23	11:30	11:50	MASCOT's first sight of Ryugu	David Hercik [Invited]
24	11:50	12:05	Quick-look results for the surface/regolith mechanical properties of Ryugu based on MASCOT bouncing analyses	Jens Biele
25	12:05	12:20	Brightness and Color Variations on the Surface of 162173 Ryugu: Space Weathering, Thermal Fatigue and Mass Movement	Sho Sasaki

26	12:20	-	12:35	Gaussian deconvolution of the 2.7-μm absorption band of type 1 and 2 carbonaceous chondrites for interpreting Hayabusa2 Near-Infrared Spectrometer (NIRS3) data	Takahiro Hiroi
	12:35	-	14:00	< Lunch >	
	Session 4: Experimental methods for samples returned by missions				Chair: C. Smith, T. Nakamura
27	14:00	-	14:15	Abrasion experiments of mineral and meteorite grains: Application to grain abrasion of Itokawa, Ryugu and lunar regolith	Akira Tsuchiyama
28	14:15	-	14:30	Comparison of solar wind He implantation profiles between Genesis collectors separately implanted fast-speed flow, low-speed flow, and coronal mass ejection flow components	Ken-ichi Bajo
29	14:30	-	14:45	Hayabusa2 sample recovery and phase-1 curation	Masanao Abe
30	14:45	-	15:00	A perspective of Phase 2 Curation “Team Kochi” for Hayabusa2 returned sample: in-depth analysis of a single grain utilizing linkage microanalytical instruments	Motoo Ito
	15:00	-	15:20	< Coffee Break >	
	Session 5: Future missions for small (and not-small!) bodies				Chair: T. Okada, D. Hercik
31	15:20	-	15:40	DESTINY+: Flyby to Asteroid (3200) Phaethon and in-situ dust analyses	Tomoko Arai [Invited]
32	15:40	-	16:00	Martian Moons eXploration (MMX)	Tomohiro Usui [Invited]
33	16:00	-	16:20	HERACLES - The exploration of the Moon including sample return mission	Yuzuru Karouji [Invited]
34	16:20	-	16:40	The OKEANOS: Small Body Exploration to a Jupitar Trojan Asteroid	Motoo Ito [invited]
35	16:40	-	17:00	Project overview of CAESAR comet sample return mission	Tomoki Nakamura [invited]
36	17:00	-	17:15	Mars Sample Return – How Should it be Organised Into Science Objectives?	Caroline Smith
37	17:15	-	17:30	ASPECT hyperspectral imager for small interplanetary spacecrafts	Tomas Kohout
	17:30	-	18:00	< Discussion for the Day-2 >	Hisayoshi Yurimoto
	18:00	-	18:05	Adjourn	LOC

POSTERS (From 6 to 7 Dec., 2018)

Poster No.		
OA-P17	Effect of viscosity on propagation of MHD waves in astrophysical plasma	Alemayehu M. Cherkos
OA-P18	Ragged Phobos and coated Deimos: two satellites with various relations to the Roche limits	Gennady G. Kochemasov
OA-P19	In situ oxygen three-isotope analysis of carbonates with 15μm and 3μm beam: Preliminary results	Takayuki Ushikubo
OA-P20	Electrical properties of Itokawa grains returned by Hayabusa	Fabrice Cipriani
OA-P21	The boron isotopic composition of the implanted solar wind in Itokawa grains: Technical development	Ming-Chang Liu
OA-P22	Visualization on XCT data of Hayabusa samples: 3D printings and VR	Junya Matsuno
OA-P23	Advanced Curation Development of Tools and Methods for Microparticle Processing	Christopher J. Snead
OA-P24	A chain of events- from cosmic to terrestrial-leading to origin and development of the Homo genus	Gennady G. Kochemasov
OA-P25	The effect of possible contamination from sample holders on samples returned by Hayabusa2	Naoki Shirai
OA-P26	The NASA Cosmic Dust Collection: Current Status and Advanced Curation Planning	Marc D. Fries