HAYABUSA2026 Symposium

Venue: 2F Conference Hall, Building-A, ISAS, JAXA Sagamihara Campus, Date: 2026/11/24(Tue) - 27(Fri) Version. 20261104

Day 1 (Tuesday, November 24)

Time JST (+9hr)					
9:00					
9:30					
9:45					
10:00					
10:15					
10:30					
10:45					
11:15					
11:30					
11:45					
12:00					
12:15					
12:30					
13:30		REGISTRATION (whole day)	Chair:		
14:30	S13-01	On site	OPENING: Greeting & Logistics		
14:45	S13-02	On site	Current status of curation for three asteroids returned samples in JAXA and preparation for curation of future sample return missions	Toru Yada	
15:00	S13-03	On site	Subdivision of Hayabusa2 Aggregate Samples A0217 and C0206 at NASA Johnson Space Center	Christopher Snead	
15:15	S13-04	On site	Latest News on the Canadian Space Agency Curation Facility for the Canadian Portion of Asteroid Bennu Sample	Caroline-Emmanuelle Morisset	
15:30	S13-05	On site	Probing Primitive Planetary Materials with Integrated Cross-Disciplinary Platforms: Preliminary Findings of the First Team Taiwan Pilot Study on RYUGU Samples	Hsien Shang	
15:45		COFFEE BREAK	Chair:		
16:15	S14-01	On site	Curation of Chang'E-5 samples in France	Te Jiang	Invited
16:30	S14-02	On site	Experimental study on terrestrial weathering of asteroid Ryugu sample forming CI-like oxidative mineralogy	Megumi Matsumoto	
16:45	S14-03	On site	Toward Global Best Practices for Archiving and Publishing Asteroid Sample Data: Update from the Astromaterials Data System	Kerstin Lehnert	
17:00	S14-04	On site	The NASA OSIRIS-REx Sample Catalog: Returned From Investigator Samples	Nicole Lunning	
17:15		ADJOURN			

Day2 (Wednesday, November 25)

Time JST (+9hr)					
9:00		REGISTRATION (whole day)	Chair:		
9:30	S21-01	Online	Updates on the University of Melbourne, University of Tokyo and JAXA [UoM-UTokyo-JAXA] Research Partnership, PhD Program and Space Curation Camp – The view from Year 1	Brandon Mahan	
9:45	S21-02	Online	Statistical Analysis of Image Features and Particle Shapes of Bennu Grains Curated at JAXA	Kasper Tomas	
10:00	S21-03	Online	Evaluation of elemental contamination in ESCuC clean rooms	Hugo Gouilloux	
10:15	S21-04	Online	Application of micro-computed tomography as an initial non-destructive analysis for planetary materials: Case study of Oued Chebeika 002	Kensaku Moriya	
10:30	S21-05	On site	X-Ray Computed Tomography Based Classification of Bennu Particles	Nicole Lunning	
10:45		COFFEE BREAK	Chair:		
11:15	S22-01	On site	Systematic Physical Property Measurements Toward Comprehensive Characterization of Primitive Solar System Materials	Keisuke Onodera	Invited
11:30	S22-02	Online	Measuring Adhesive Forces of Ryugu Particles: Challenges in Handling Fragile Samples	Yuuya Nagaashi	Invited
11:45	S22-03	On site	On the Importances of Chondrules in Bennu Samples: Protolith, Exogenous or Both?	Harold C. Connolly Jr.	
12:00	S22-04	On site	On the origin of transition metal phosphide grains in Ryugu particle A0502	Falko Langenhorst	
12:15	S22-05	On site	Speciation of Multiple elements in C-type Asteroids Related to the Origin of Life, Preservation of Water, and Volatility of Halogens	Yoshio Takahashi	
12:30		LUNCH			
13:30		< POSTER (Core Time) >	Chair:		
14:30	S23-01	On site	Inter-grain and intra-grain variations in Ryugu samples revealed by synchrotron X-ray diffraction tomography	Kana Amano	
14:45	S23-02	On site	Characterizing the mineralogical composition of pristine Ryugu and Bennu samples with the MicrOmega NIR hyperspectral microscope at the ISAS/JAXA Extraterrestrial Sample Curation Center: Insights into the formation and evolution of carbonaceous asteroids and future perspectives	Cedric Pilorget	
15:00	S23-03	On site	Hydrated Mg-phosphates in Ryugu and Bennu reveal distinct aqueous alteration pathways	Rachel Sheppard	
15:15	S23-04	On site	Spectral variations between Bennu and Ryugu grains: probing alteration processes through a NIR–MIR spectral survey at the ISAS/JAXA Curation Center	Laura Nardelli	
15:30	S23-05	On site	Ammonium-bearing phyllosilicate phases identified in Ryugu and Bennu samples via infrared spectroscopy	Te Jiang	
15:45		COFFEE BREAK	Chair:		
16:15	S24-01	On site	Space weathering drives coupled redox evolution of organics and minerals in C-type asteroids	Yamei Li	
16:30	S24-02	On site	Space weathering on carbonaceous asteroids: a coordinated comparison of the spectral and microstructural characteristics of Ryugu and Bennu	Lisette Melendez	
16:45	S24-03	Online	Proton irradiation of asteroid Torifune's analogs to support observations by Hayabusa2#	Cateline Lantz	
17:00	S24-04	Online	16O poor cosmic spherules from near-Earth CY chondrite asteroids	Matthias Van Ginneken	
17:15	S24-05	Online	Controls on the Shapes of Regolith Particles on Asteroid Ryugu	Matthew Genge	
17:30		ADJOURN			

Day 3 (Thursday, November 26)

Time JST (+9hr)					
9:00		REGISTRATION (whole day)	Chair:		
9:30	S31-01	Online	Oxygen isotope thermometry and composition of aqueous fluids within the parent body of asteroid (101955) Bennu	Kazuhide Nagashima	Invited
9:45	S31-02	Online	Compositional and isotopic analysis of aqueous fluids from Ryugu's parent asteroid	Michael Zolensky	
10:00	S31-03	On site	A Comprehensive Oxygen Three-Isotope Study of Ryugu Anhydrous Silicates: Distributions, Lithologies, Origins and Affinity to Other Outer Solar System Bodies	Megan Hammett	
10:15	S31-04	On site	Light nickel isotopes in Ryugu, CI-like, and Rumuruti chondrites suggest thermally reprocessed planetary building blocks	Ke Zhu	
10:30	S31-05	On site	Multiple episodes of aqueous alteration on primitive asteroids revealed by the textures and REE abundances of Ca-phosphate in CI and CI-like chondrites.	Grace Allsop	
10:45		COFFEE BREAK	Chair:		
11:15	S32-01	On site	Nucleosynthetic heterogeneities in the solar system: Insights from noble gas analyses of Ryugu samples	Gui Avice	
11:30	S32-02	On site	Bennu Remembers the Solar Nebula: Tracing Argon from the Presolar Cloud to Planets	Fred Jourdan	
11:45	S32-03	On site	Noble Gases of Nine CI1 Chondrites: Comparison with Four Ryugu Aggregate Samples	Keisuke Nagao	
12:00	S32-04	On site	Exposure History of Itokawa's The Largest Particle RA-QD02-0136-01	Kunihiko Nishiizumi	
12:15	S32-05	On site	Ryugu and Its CI Twin Oued Chebeika 002: A ~900 Ma Collisional Link to the Eulalia Family	Fred Jourdan	
12:30		< GROUP PHOTO> LUNCH			
13:30		< POSTER > / < Lab Tour to JAXA Curation Facility >	Chair:		
14:30	S33-01	On site	The Ryugu Reference Project: Scientific Vision, International Coordination, and Current Status	Tomohiro Usui	
14:45	S33-02	On site	Evaluation of the powdering process in Ryugu Reference Project	Ryosuke Sakurai	
15:00	S33-03	On site	Elemental compositions of CI and CI-related chondrites: Direct comparison between XRF and ICP-MS measurements	Karina Lopez Garcia	
15:15	S33-04	On site	Homogeneity of siderophile and volatile chalcophile elements in powdered carbonaceous chondrites	Nao Nakanishi	
15:30	S33-05	On site	Evaluation of atmospheric adsorption and sample heterogeneity with powdering of CI chondrite	Yuki Hibiya	
15:45		COFFEE BREAK	Chair:		
16:15	S34-01	On site	NGSR: Concept and Current Status of a Japanese Next-Generation Small-Body Sample-Return Mission	Yuri Shimaki	Invited
16:30	S34-02	On site	ESA M8 candidate PRIAMOS - A sample return mission to a D-Type Near-Earth Asteroid	Raphael Marschall	Invited
16:45	S34-03	On site	Comet Sample Return: From Remote Characterization to Laboratory Ground Truth	Karen Meech	Invited
17:00	S34-04	On site	The CALICO+ Mission – Exploring Ocean World Ceres	Axel Hagermann	
17:15	S34-05	Online	Development and Portfolio of Separable Nanolander, Microsampler and Fly-by Subspacecraft for Exploration and Prospection Missions to Small Solar System Bodies and Moons	Jan Thimo Grundmann	
17:30					
18:30 (TBD)		SOCIAL GATHERING			

Day 4 (Friday, November 27)

Time JST (+9hr)					
9:00		REGISTRATION (whole day)	Chair:		
9:30	S41-01	Online	The role of Hemoglycin on the future HWO	Julie McGeoch	
9:45	S41-02	Online	Nitrogen- and Oxygen-Rich Polymer-Like Organic Material in a Sample from Asteroid Ryugu?	Michel Nuevo	
10:00	S41-03	On site	First Detection of Soluble Alkylated N-Heterocyclic Compounds in the Kaba (CV3) Carbonaceous Chondrite: Implications for Molecular Evolution and Comparisons with Ryugu and Bennu Samples	Arnold Gucsik	
10:15	S41-04	On site	Nanoscale investigation of the chemical composition of organics in samples returned from Ryugu and Bennu asteroids	Julien Rojas	
10:30	S41-05	On site	Spectroscopic characterization of organic matter in asteroid Bennu revealed by stepwise leaching	Yoko Kebukawa	
10:45		COFFEE BREAK	Chair:		
11:15	S42-01	On site	Detection of organophosphorus compounds in samples from asteroid (101955) Bennu	Yuta Hirakawa	Invited
11:30	S42-02	On site	Comet Sample Return: NGSR, next key step in planetary space exploration!	Jean-Pierre Bibring	
11:45	S42-03	Online	~~Landing spacecraft can be a dirty business~~ - is dust contamination on optical apertures or radiators in any way ~~avoidable?~~	Jens Biele	
12:00	S42-04	On site	Automated µXRF workflow for the efficient physiochemical characterization of micrometer-sized returned samples: insights from large micrometeorite collections	Jolantha Eschrig	
12:15	S42-05	On site	Influence of pre-existing large cracks on the impact fragmentation of carbonaceous meteorites	Tatsuhiro Michikami	
12:30		LUNCH			
13:30		< POSTER >	Chair:		
14:30	S43-01	On site	A Qualitative Case Study of Public Engagement with a Ryugu Sample	Thilina Heenatigala	
14:45	S43-02	Online	MMX mission overview	Kiyoshi Kuramoto	Invited
15:00	S43-03	Online	Landing site selection in the case of Martian Moons eXploration (MMX)	Koji Wada	Invited
15:15	S43-04	On site	Search for and analysis of Martian grains in Phobos samples returned by the MMX mission	Mizuho Koike	Invited
15:30	S43-05	On site	Design of Hydrous and Anhydrous Phobos Simulants Based on the Tagish Lake Meteorite and Anhydrous Interplanetary Dust Particles	Rieto Kawada	
15:45	S43-06	On site	WRAP UP	Tomohiro Usui	
		ADJOURN			

Poster Session

#	Title	Authors
P-01	Ground-based observational studies of primitive asteroids with 10-m SALT telescope	Sofiia Mykhailova
P-02	JADE2 Updates: New datasets and enhanced functions for retrieving and visualizing Hayabusa2 data	Yuichiro Nagai
P-03	Calibration update of the NIRS3 spectrometer and global near-infrared photometric properties of asteroid (162173) Ryugu	Antonin Wargnier
P-04	Mineralogical Characterization of Aqueous Alteration in the Murchison CM2 Chondrite: A Reference for the Ryugu and Bennu Samples	Heejeong Jeon
P-05	Nanoscale Mineralogical Evolution of the Murchison CM2 Chondrite upon Heating: A Reference for Thermally Processed Material in Ryugu and Bennu Samples	Giwoong Lee
P-06	Speciation of halogens into C-type asteroid Ryugu and various meteorites related to the volatility of the elements	Ayu Takemoto
P-07	Fatty Acid Characterization and Biogenicity Elucidation of Noachian-Era Mars Analog & Its Implication for Future MSR Missions	Ellen Cook
P-08	Shared Origins, Divergent Brines: A Comparative Mineralogical Synthesis of Ryugu and Bennu Returned Samples	Seungyeol Lee
P-09	Development of Pyrolysis-GC-Orbitrap analysis of organic matter in meteorites for future application to solar system return samples	Thomas Gautier
P-10	Toward Cold Curation of Artemis Lunar Samples and Future Sample Return Missions: Requirements and Technical Considerations at JAXA	Seiya Kawasaki
P-11	New Shock Wave Science Research on Earth and Meteorites	Yasunori Miura