

Hayabusa 2021 Symposium Schedule (Online Meeting)
(8th ISAS Symposium of the Solar System Materials)

version. 20211111

16th(Tue)-17th(Wed) of November 2021

Oral : Zoom Meeting (10+5 min for Invited and normal talks, 7+3 min for 10 min short talks)

Poster : Zoom Meeting Breakout Rooms

Non-real time discussion : Slack

Day-1 (Nov 16th) : Oral Session

JST	GMT	EST	PST	No.	Title	Author/Presenter	Invited
		(-1day)	(-1day)		Session-0 : Opening session: T. Okada		
09:45	00:45	19:45	16:45	S0-1	Opening and Logistics	Tatsuaki Okada	
09:50	00:50	19:50	16:50	S0-2	Status of JAXA Curation activity and future plan	Tomohiro Usui	
					Session-1: Ryugu sample : S. Tachibana, T. Usui		
10:00	01:00	20:00	17:00	S1-1	An overview of initial descriptions for samples returned from C-type asteroid Ryugu	Toru Yada	Invited
10:15	01:15	20:15	17:15	S1-2	First NIR hyperspectral imaging of Hayabusa2 returned samples by the MicroOmega microscope within the ISAS Curation Facility	Cedric Pilorget	Invited
10:30	01:30	20:30	17:30	S1-3	Initial analysis of Hayabusa2 returned samples from asteroid (162173) Ryugu	Shogo Tachibana	
10:45	01:45	20:45	17:45	S1-4	Progress of chemical characterization of asteroid Ryugu samples	Hisayoshi Yurimoto	Invited
11:00	02:00	21:00	18:00	S1-5	Initial analysis of "stone" size Ryugu samples: current status	Tomoki Nakamura	Invited
11:15	02:15	21:15	18:15	S1-6	Mineralogy and surface modification of small grains recovered from the asteroid 162173 Ryugu	Takaaki Noguchi	Invited
11:30	02:30	21:30	18:30	S1-7	Initial Analysis of Volatile Components in the Hayabusa2 Samples	Ryuji Okazaki	Invited
11:45	02:45	21:45	18:45	S1-8	An initial look at the distributions and compositions of organic macromolecules in the asteroid Ryugu samples	Hikaru Yabuta	Invited
12:00	03:00	22:00	19:00	S1-9	Soluble Organic Matter (SOM) analysis of the Hayabusa2 samples: The first results	Hiroshi Naraoka	Invited
12:15	03:15	22:15	19:15		<Lunch break> [Group Photo-1]	All	
					Sessions-2 : Ryugu Sample (Cont.) : R. Brunetto, A. Nakato		
13:30	04:30	23:30	20:30	S2-1	A first look at the interior and exterior of Ryugu preserved in samples collected by Hayabusa2	Eizo Nakamura	Invited
13:45	04:45	23:45	20:45	S2-2	The C-type asteroid Ryugu: A first detailed look by Phase2 Curation Kochi (Ph2K)	Motoo Ito	Invited
14:00	05:00	00:00	21:00	S2-3	JAXA Detailed Description -Variation of surface characteristics of Ryugu returned samples-	Aiko Nakato	
14:15	05:15	00:15	21:15	S2-4	Overview of the features of returned samples from the C-type asteroid 162173 Ryugu based on optical microscope observations and their weights	Akiko Miyazaki	10 min
14:25	05:25	00:25	21:25	S2-5	Initial description of Ryugu returned samples: characteristics of individual grains by FT-IR analysis	Kentaro Hatakeda	10 min
14:35	05:35	00:35	21:35	S2-6	MicroOmega detections of C-rich phases in Ryugu returned samples within the Hayabusa2 JAXA Extraterrestrial Curation Center	Jean-Pierre Bibring	
14:50	05:50	00:50	21:50	S2-7	MicroOmega detections of carbonates in Ryugu returned samples within the Hayabusa 2 JAXA Extraterrestrial Curation Center	Damien Loizeau	10 min
15:00	06:00	01:00	22:00	S2-8	The 2.7µm OH band in different grains of Ryugu from the two collection sites, as seen by MicroOmega in the Hayabusa2 Curation Facility	Tania Le Pivert-Jolivet	10 min
15:10	06:10	01:10	22:10	S2-9	Microscale diversity of H, C, and N isotopes in asteroid Ryugu	Larry R. Nittler	
15:25	06:25	01:25	22:25	S2-10	Diversity of Insoluble Organic Matter at the Nanoscale in Asteroid Ryugu	Rhonda Stroud	
15:40	06:40	01:40	22:40	S2-11	Infrared transmission spectra of Ryugu particles and their unique adsorption behavior	Yoko Kebukawa	
15:55	06:55	01:55	22:55	S2-12	Thermal history of Ryugu based on Raman characterization of Hayabusa2 samples	Lydie Bonal	
16:10	07:10	02:10	23:10	S2-13	Elemental and isotopic compositions of organic grains from asteroid Ryugu	Laurent Remusat	
16:25	07:25	02:25	23:25		<Coffee Break>		
					Sessions-3 : Ryugu Sample (Cont.) : H. Sugahara, D. Yamamoto		
16:40	07:40	02:40	23:40	S3-1	Exposure Conditions of Samples Collected on Ryugu's Two Touchdown Sites Determined by Cosmogenic Nuclides	Kunihiko Nishiizumi	
16:55	07:55	02:55	23:55	S3-2	Small grains from Ryugu: handling and analysis pipeline for Infrared Synchrotron Microspectroscopy	Stefano Rubino	
17:10	08:10	03:10	00:10	S3-3	Preliminary results from FTIR hyper-spectral imaging campaign on Ryugu small grains and fragments.	Zelia Dionnet	
17:25	08:25	03:25	00:25	S3-4	Iron valence state and mineralogy in particles from asteroid Ryugu	Mathieu Roskosz	
17:40	08:40	03:40	00:40	S3-5	Three-dimensional analysis of Ryugu sample particles using X-ray nanotomography.	Akira Tsuchiyama	
17:55	08:55	03:55	00:55	S3-6	Surface morphologies and space weathering features of Ryugu samples	Toru Matsumoto	
18:10	09:10	04:10	01:10	S3-7	CNHOS contents with their isotopic compositions and preliminary organic profiles from the Hayabusa2 samples	Yoshinori Takano	
18:25	09:25	04:25	01:25	S3-8	Compound distribution determined by nanoLC-Orbitrap MS	François-Régis Orthous-Daunay	
18:40	09:40	04:40	01:40	S3-9	Highest molecular diversity and structural complexity revealed with ultrahigh resolution mass spectrometry and nuclear magnetic resonance spectroscopy of Ryugu's samples	Philippe Schmitt-Kopplin	
18:55	09:55	04:55	01:55		Discussion on Ryugu sample	S. Tachibana (Lead)	
					[Group Photo-2]	All	

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Day-1 (Nov 16th) : Poster Session

JST	GMT	EST	PST	No.	Title	Author/Presenter	Invited
					Poster Session and chat (2 hours) : R. Fukai, T. Hayashi		
19:15	10:15	05:15	02:15	P-1	The fundamental deformation of cosmic bodies not depending of their sizes and compositions(from asteroids to Universe)	Gennady Gregory Kochemasov	
				P-2	Exogenous copper sulfide in a returned grain from asteroid Itokawa	Katherine D Burgess	
				P-3	A Series of Recent Falls of Carbonaceous Chondrites - Perfect Analogues for Returned Hayabusa 2 and Osiris Rex Asteroidal Materials	Viktor H Hoffmann	
				P-4	Heated Synthetic Murchison Reflectance Spectra	Sahejpal Sidhu	
				P-5	Status of the Curatorial Database System for the Ryugu Samples	Masahiro Nishimura	
				P-6	Methodology of MicrOmega data acquisition/processing in initial description of Ryugu returned samples	Kasumi Yogata	
				P-7	Comparison of ion- and laser-weathered spectra of olivines and pyroxenes	Kateřina Chrbolková	
				P-8	Solid Materials of Mineral and Rock on the Solar System: X-ray Unit and Mixed Status	Yasunori Miura	
				P-9	Model of Material Characteristics of Carbonaceous Meteorites from Texture of Carbon-Bearing Grains	Yasunori Miura	
				P-10	Neural network for classification of asteroid spectra	David Korda	
				P-11	Assessment of organic, inorganic, and microbial contamination in the facilities of the Extraterrestrial Sample Curation Center of JAXA	Yuya Hitomi	

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Day-2 (Nov 17th) : Oral Session

JST	GMT	EST	PST	No.	Title	Author/Presenter	Invited
		(-1day)	(-1day)		Session-4 : Asteroid - Meteorite Connection : K. Righter, T. Okada		
09:30	00:30	19:30	16:30	S4-1	The Winchcombe Meteorite: A Pristine Sample of the Outer Asteroid Belt	Ashley J King	Invited
09:45	00:45	19:45	16:45	S4-2	Thermal History of Dehydrated CY Chondrites Reconstructed from their Fe-sulfide Grains	Catherine Harrison	
10:00	01:00	20:00	17:00	S4-3	Hydrothermal history of (162173) Ryugu's parent body inferred from remote-sensing data	Eri Tatsumi	Invited
10:15	01:15	20:15	17:15	S4-4	Multiband thermal radiometry and related laboratory studies, indicating possible origin and evolution of Ryugu.	Maximilian Hamm	Invited
10:30	01:30	20:30	17:30	S4-5	Color Mapping of Asteroid Benu	Daniella DellaGiustina	Invited
10:45	01:45	20:45	17:45	S4-6	The Mineralogy and Organic Composition of Benu as Observed by VNIR and TIR Spectroscopy	Victoria E. Hamilton	Invited
11:00	02:00	21:00	18:00	S4-7	The Nature of Extraterrestrial Amino Acids in Carbonaceous Chondrites and Links to Their Parent Bodies	Daniel Patrick Glavin	Invited
11:15	02:15	21:15	18:15	S4-8	Oxygen isotopes and water in bulk matrix of CM2 Murchison as an analog for Ryugu matrix	Aditya Patkar	
11:30	02:30	21:30	18:30	S4-9	Anomalous and ungrouped carbonaceous chondrites in the US Antarctic meteorite collection and their potential relevance to Ryugu and Benu	Kevin Righter	
11:45	02:45	21:45	18:45		<Lunch break> [Group Photo-3]	All	
					Session-5 : Itokawa Sample and Meteorites : T. Ireland, T. Yada		
13:00	04:00	23:00	20:00	S5-1	Volatiles in Chondrites and Achondrites	Maitrayee Bose	Invited
13:15	04:15	23:15	20:15	S5-2	Space weathering of sulfides and silicate minerals from asteroid Itokawa	Laura Camila Chaves	
13:30	04:30	23:30	20:30	S5-3	Space weathering of iron sulfides on airless bodies	Toru Matsumoto	Invited
13:45	04:45	23:45	20:45	S5-4	Extraterrestrial Non-Protein Amino Acids Identified in Carbon-Rich Particles Returned from Asteroid Itokawa	Eric Thomas Parker	
14:00	05:00	00:00	21:00	S5-5	NaCl in an Itokawa Particle: Terrestrial or Asteroidal?	Shaofan Che	
14:15	05:15	00:15	21:15	S5-6	Northwest Africa 5401 CV chondrite: Not oxidized, not reduced, maybe in between?	Timothy J. Fagan	
14:30	05:30	00:30	21:30	S5-7	Organics and iron speciation in CI chondrites : a combined STXM and TEM study	Corentin Le Guillou	
14:45	05:45	00:45	21:45	S5-8	Shocked regolith in asteroid 25143 Itokawa surface	Josep M. Trigo-Rodriguez	
15:00	06:00	01:00	22:00	S5-9	Organic matter in Itokawa particles	Queenie Hoi Shan Chan	Invited
15:15	06:15	01:15	22:15		<Coffee Break>		
					Session-6 : Sample Return & Space Missions: M. Abe, J. Helbert		
15:30	06:30	01:30	22:30	S6-1	Hayabusa2 curation: from concept, design, development, to operations	Masanao Abe	
15:45	06:45	01:45	22:45	S6-2	Sample Analysis Plan for NASA's OSIRIS-REx Mission	Harold C. Connolly Jr.	Invited
16:00	07:00	02:00	23:00	S6-3	Scientific importance of the sample analyses of Phobos regolith and the analytical protocols of returned samples by the MMX mission	Wataru Fujiya	Invited
16:15	07:15	02:15	23:15	S6-4	What should we do with these Martian rocks? A tale of MSR Sample Science and Curation	Aurora Hutzler	Invited
16:30	07:30	02:30	23:30	S6-5	A New Laboratory Facility in the Era of Sample Return: the Sample Analysis Laboratory (SAL) at DLR Berlin	Enrica Bonato	
16:45	07:45	02:45	23:45	S6-6	Milani CubeSat for ESA Hera mission	Tomas Kohout	
17:00	08:00	03:00	00:00	S6-7	The young basalts on the Moon: Pb-Pb isochron dating in Chang'e-5 Basalt CE5C000YJYX03501GP	Dunyi Liu	Invited
17:15					<Coffee break>		
					Session-7 : Summary and Ending : T. Usui		
17:30	08:30	03:30	00:30	S7-1	Wrap-up and Summary	Tomohiro Usui (Lead)	
18:00	09:00	04:00	01:00		Adjourn [Group Photo-4]	All	