

Program for the 7th Mission Idea Contest Final Presentation Session

November 13, 2021

Moderator: Shunichiro Nomura, University of Tokyo

JST	JST	Title of presentation	Presenter(s)
9:00	9:10	Opening Speech	Shinichi Nakasuka, the University of Tokyo
9:10	9:40	Keynote Speech: Expand our planet, Expand our future- Japanese companies taking on commercial lunar exploration	Takahiro Nakamura, Director & COO, ispace, inc.
9:40	10:05	Disrupting Herpes virus investigation in lunar orbit: A system for animal cells analysis	André Arias Ovaras, Andrés Cubero Salas, Ariadna Hernández Montoya, Carlos Montoya Marín, Daniel Chacón Mora, Fabián Fernández Aguilar, Karol Melissa Cerdas Mejías, Kenneth Chacón Fernández, Kevin Sánchez Ramírez, Marco Corrales Barrantes, María Francini Mora Chacón., Universidad de Costa Rica and Instituto Tecnológico de Costa Rica
10:05	10:30	Observation of Telomere Length Changes in Deep Space Radiation Environment	Jose Leonardo Brenes, David Limpus, Dayanna Vargas, Maria Fernanda Guerrero, Marlon Narvaez, Vanderbilt University, Universidad de Costa Rica, Universidad Autónoma de Centroamérica
10:30	10:45	Coffee Break	
10:45	11:10	LWISAT:Lunar Water Index Satellite Constellation	Karina Obando, Hector Gomez, Eduardo Leandro, Karolina Herrera, Sofia Alvarado, Antony Ramirez, Kimberly Leon, José Maria Jimenez Coronado, Universidad de Costa Rica and Instituto Tecnológico de Costa Rica, Universidad Invenio, Universidad del Valle de Guatemala, Indian Hills Community College
11:10	11:35	MINERVA: A CubeSat for demonstrating DNA damage mitigation against space radiation in C. elegans by using genetic modification	Sumeth Klomchitcharoen, Tanchanok Tangwattanasirikun, Jin Tangkijngamwong, Mahidol University
11:35	11:40	Photo session	
11:40	12:45	Luncheon Break	
12:45	13:10	Hermes CubeSat: on-site data gathering for accurate mapping of the Main Asteroid Belt	Marti Pujol Gasulla, Arnold Hellin, Teo Lenormand, Paul Michel, Kyushu Institute of Technology
13:10	13:35	ILNSS : Network for position on Lunar surface and interplanetary prototype	Thanapat Chotipun, Witchaphas Phopumyen, Tapaneeya Odmung, Bodindecha (Sing Singhaseni) School
13:35	14:00	Mission ACE: Apophis Close Encounter	Ying Liao, National Central University
14:00	14:15	Coffee break	
14:15	14:40	PARS: Precursor Asteroid Remote Survey	Batu Candan, Cansu Yildirim, Derya Sarmisak, Mehmet Esit, Sahin Ulas Koprucu, Sefa Cengiz, Semra Sultan Uzun, Sirin Yakupoglu, Middle East Technical University
14:40	15:05	Melchior - Microsatellite Explorer to a Long-period Comet in a Heliocentric Inner Orbit	Luigi Falanga, University of Naples Federico II
15:05	15:30	SCORE: Observation and Exploration of a Long Period Comet using Micro-Satellites	Vincenzo Porrino, University of Naples Federico II
15:30	16:00	Inivited speech: Novel Robotic Solutions for Space Exploration and Colonization	Stéphane Bonardi, ISAS/JAXA
16:00	16:30	Inivited speech : Juventas CubeSat in Support of Hera Mission	Mehdi Scoubeau, Gom Space
16:30	16:50	Award Ceremony	
16:50	17:00	Photo session	
17:00	17:10	Closing	