

# Preliminary Program of Moon Village Workshop & Symposium Tokyo & Kyoto 5-8. Dec. 2019

Program is subject to change by coordination until the final program review by IPC.  
Only confirmed speakers as of 30. Sept. are presented.

18:00, 4. Dec. 2019 : Reception & Registration Cocktail  
@Riso-kai Club Tokyo University of Science (TUS) Kagurazaka

## Tokyo Session Program 05. Dec. 2019

Opening Program (9:00-12:00, 5. Dec. 2019)

MVA Opening Remarks.....Giuseppe Reibaldi & John Mankins

Opening Note by Local Organizing Committee.....Yoshifumi Inatani (LOC Chair)

Opening Address.....

Hiroshi Yamakawa (JAXA president)

Shin'ichi Nakasuka (Space Policy Committee, Cabinet office)

Jim Green (NASA: Garvey McIntosh)....."Gateway, Artemis and beyond"

Wu Weiren (CNSA)

More VIPs will present opening addresses

Co-Host Address & Lecture

Chiaki Mukai (TUS) ..... "Activities by Space Colony Center @TUS"

Takao Doi (Kyoto Univ) ..... "Promotion for Human Space Activity"

Setsuko Aoki (Keio Univ)..... "Legal Aspect of Moon Village"

MVA Overview & Moon Village Principles Mission Prize Ceremony

Giuseppe Reibaldi (MVA).....Introduction to the latest MVA Activities

MVP Award Ceremony

MVP - Mission Prize 2019

MVP - Activities Prize 2019

Sponsored Lunch(12:00-13:00)

Key Note Lectures (13:00-15:00)

Koichi Wakata (JAXA vice-president and Astronaut) "From ISS to the Moon and our Vision"

Bob Lamboray (Luxembourg Space Agency)

Brent Sherwood(Vice President of Advanced Programs, Blue Origin)

Naoko Yamazaki (J-Astronaut)

Alexander Degtyarev (General Director of Yuzhnoye State Design Office)

More key note speakers & Talks from VIPs & Sponsors are to be invited

## Tokyo Session Program 05. Dec. 2019 (ctnd.)

Breakout Sessions (15:00-17:00)

Discussion/debate to be made in splinter sessions.

Candidate Topics and Chairs (TDC)

Architectural Considerations  John C. Mankins (MVA) / Yoshifumi Inatani (ISAS)	Human on the Moon Topics (incl. Culture)  Chiaki Mukai, Takao Doi Michelle Hanlon	Roadmap to a Market on the Moon (Business & Commerce Topics)  Misuzu Onuki / Oleh Ventskovski (MVA), Alain Dupas	Coordination & Cooperation (including Legal Topics)  Giuseppe Reibaldi, Setsuko Aoki (TBC)	Science on the Moon & the First MVA Payload  Liza Koumi, TBD
--	--	---	--	--

Sponsored Dinner (18:00-20:00) @ Canal Café near Kagura-zaka riverside  
MVA, Guests & Sponsor Speeches

## Tokyo Session Program 06. Dec. 2019

General talks and talks from “Call for presentation” session-1 (9:00-12:00)  
Selection & coordination underway

Sponsored Lunch(12:00 – 13:00)

General talks and talks from “Call for presentation” session-2 (13:00-14:00)  
Selection & coordination underway

Panel discussion 1 (14:00-15:30)  
“How to make business on the Moon”  
Moderator / Chair: Taro Asazuma & Takeshi Hakamada (ispace)

Panel discussion 2 (15:30-17:00)  
“Moon Village, How to make it happen?”  
Chair: Naoko Yamazaki (J-Astronaut)

Closing & Wrap-up of Tokyo session (17:00-18:00)

Greeting by Giuseppe Reibaldi, John Mankins (MVA)  
Report from Breakout sessions  
Summary of WS and Symposium  
Next (4<sup>th</sup>) MV Workshop & Symposium Announcement  
Introduction to Kyoto session

## Kyoto Program 07. Dec. 2019

7.Dec. 2019 Travel to Kyoto,

Kyoto historic site excursion (optional) is under planning & to be announced.

Kyoto Reception (16:00TBC) @Former Head Office of Forest Research Station & Garden  
Hokubu (North) Campus Kyoto University

## Kyoto Session program 08. Dec. 2019

Maskawa Building for Education and Research  
Hokubu (North) Campus Kyoto University

Opening (9:00-9:20)

Opening remarks..... Takao Doi (Kyoto Univ.) / Setsuko Aoki (Keio Univ.)  
/Giuseppe Reibaldi (MVA)

MVA Session-1 (9:20-10:40)

“Moon Village Association activities: Introduction to General Public”

Giuseppe Reibaldi (MVA) .....Activity of MVA Overview  
John Mankins (MVA).....Architecture needed for Moon Village  
Oleg Ventskovsky (MVA) .....Making Business in the Moon Village  
Aline Decadi (MVA)..... Introduction of MVA educational activity

Session II (10:40-12:00)

Japanese activities aiming at building society on the Moon  
Government, Commercial sector and Ventures

Hiroshi Sasaki (JAXA).....JAXA's space exploration now  
Kazuyoshi Kawasaki(JAXA)...Encouraging commercial sector's activity for exploration  
Misuzu Onuki(Space Access) .....Business Development on the Moon

More speakers are to be invited

Lunch break (12:00 – 13:00)

Poster session (13:00-15:00)

“Space education and outreach”

Kyoto University Space Unit is promoting and encouraging activities of young students including high school boys and girls. In the poster session, they show these student activity by 20-30 posters and on-site presentation. Exchange with attendants are to be made.

Session III (15:00-16:30)

“Space Education”

Educational program in Kyoto University, other universities and Institutions

Introduction of unique space educational programs and human resource development in “Space Unit” of Kyoto University such as students’ exercises in Zero-G flight, Bio-dome in Arizona, Astronomical Observatory and so on, will be made. Speakers related to these student activity promotion in and out of Kyoto University are to be invited.

Summary and Closing of Kyoto-session (16:30-17:00)