

# The 1st UNISEC

# DEEP SPACE WORKSHOP

## Future Deep Space Exploration

The UNISEC DEEP SPACE WORKSHOP is an international event aimed at fostering collaboration and knowledge exchange among key players in the field of deep space exploration. We are excited to invite experts from space agencies, private companies, and universities worldwide to join us as panelists. This workshop provides a unique platform for discussing the latest advancements, challenges, and future directions in deep space exploration.

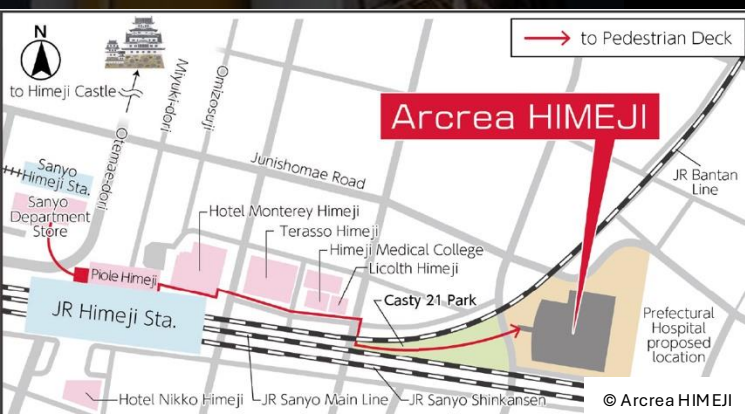


**9th November 2024, 14:00 – 18:00 JST (Doors open: 13:30)**



**Arcrea HIMEJI (143-2, Kamiyacho, Himeji-city, Hyogo, Japan) & Online**

Registration: Scan the QR code or Click on the link  
Registration Fee: Free  
Eligibility for Participation: Anyone interested in deep space exploration  
Language: English



Registration



<https://forms.gle/Ti5RH4BmoxxGuSZNA>

More information



<https://unisec.jp/deepspaceworkshop/>

- Contact: [unisec.dsuc@gmail.com](mailto:unisec.dsuc@gmail.com)
- Hosted by UNISEC
- Sponsored by DENTSU Scholarship Foundation

## Pioneering Deep Space Exploration: The Industry's Frontier 14:10 – 15:50



**Moderator**

**Professor Maximilien Berthet**

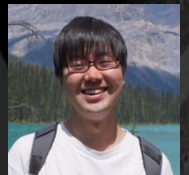
Assistant Professor, Department of Aeronautics and Astronautics, The University of Tokyo

**Ms. Hiroko Asakura**, Global Alliance Specialist, ispace,inc.  
**ispace,inc.** develops lunar landers and offers moon transportation.

**Mr. Valerio Di Tana**, Chief Programs Officer, ARGOTEC S.r.l.  
**ARGOTEC S.r.l.** launched ArgoMoon as part of NASA's Artemis 1 mission and developed LiciaCube as part of NASA's DART mission, the first planetary defence mission in history.

**Mr. Nathaniel Guy**, Vice President of Software and GNC, Ofractal  
**Ofractal** performs proof of concept and feasibility study on a deep space constellation.

**Dr. Toshihiro Shibukawa**, Advanced Project Department, ArkEdge Space Inc.  
**ArkEdge Space Inc.** provides satellite business opportunities for all.



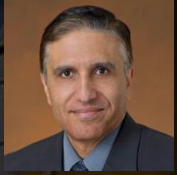
## Lessons Learned from SLS-1 CubeSat Missions 16:10 – 17:50



**Moderator**

**Professor Tatsuaki Hashimoto**

Institute of Space and Astronautical Science (ISAS), Japan Aerospace Exploration Agency (JAXA) & Department of Electrical Engineering and Information System, The University of Tokyo,  
The project manager of OMOTENASHI



**Mr. Sami Asmar**

Manager of Strategic Partnerships and Customer Formulation, Interplanetary Network Directorate, NASA's Jet Propulsion Laboratory (JPL), California Institute of Technology



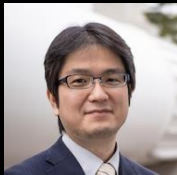
**Professor Craig Hardgrove**

Associate Professor, School of Earth and Space Exploration, Arizona State University  
The principal investigator of the LunaH-Map



**Professor Benjamin Kevin Malphrus**

Executive Director and Professor, Engineering Sciences, Physics, Earth Science & Space Systems Engineering, Morehead State University  
The principal investigator of the Lunar IceCube



**Professor Ryu Funase**

Institute of Space and Astronautical Science (ISAS), Japan Aerospace Exploration Agency (JAXA) & Department of Aeronautics and Astronautics, The University of Tokyo  
The project manager of EQUULEUS

## Workshop organizers



**Hirotaka Sekine**

Ph.D. student  
The University of Tokyo



**Tomoki Mochizuki**

Ph.D. student  
The University of Tokyo



**Ten Arai**

Ph.D. student  
The University of Tokyo