

**Exploring Together:  
US-Japan Space Collaboration Symposium**

**January 24, 2025  
Overview Schedule**

**Ramo Auditorium - Caltech**

1:00 - 1:30	Registration and Refreshments
1:30 - 1:45	<p><b>Introduction and Welcome</b></p> <ul style="list-style-type: none"> <li>- <b>Bethany Ehlmann and Harriet Brettle</b>, Director and Executive Director of the Keck Institute for Space Studies</li> <li>- <b>Consul General Sone</b>, Consul General of Japan in Los Angeles</li> <li>- <b>Yuko Kaifu</b> - President of JAPAN HOUSE Los Angeles</li> </ul>
1:45 - 2:20	<p><b>Opening Remarks and Keynote Address</b></p> <ul style="list-style-type: none"> <li>- <b>Amit Kshatriya</b>, Deputy Associate Administrator for the Moon to Mars Program in the Exploration Systems Development Mission Directorate, NASA</li> <li>- <b>Keiichi Wada</b>, Director of JAXA Washington D.C. Office (<i>online address</i>)</li> <li>- <b>Naoko Yamazaki</b>, former JAXA astronaut (<i>online address</i>)</li> </ul>
2:20 - 3:15	<p><b>Panel 1: Lunar Exploration</b></p> <p><i>This panel will explore past, present, and future lunar missions from the US and Japan, including areas of collaboration with representatives from agencies, academia, and industry.</i></p> <ul style="list-style-type: none"> <li>- <b>Bethany Ehlmann</b>, Director of the Keck Institute for Space Studies and Professor of Planetary Science at Caltech (<i>moderator</i>)</li> <li>- <b>Gerard van Belle</b>, Director of Science at the Lowell Observatory</li> <li>- <b>Ricardo Woodbury</b>, Executive Vice President of Finance, Accounting, &amp; IT at ispace US</li> <li>- <b>John Baker</b>, Manager, JPL Lunar and Low Cost Projects</li> <li>- <b>Yusuke Kajiwara</b>, S&amp;MA/QMS Manager, Advanced Space Mobility Development Div., Toyota Motor Corporation</li> </ul>
3:15 - 3:40	Break - Coffee and Refreshments
3:40 - 4:35	<p><b>Panel 2: New Frontiers in Deep Space Science and Technology</b></p> <p><i>Both the US and Japan have extensive experience in space exploration missions in deep space and this panel will discuss past, present, and future missions that showcase US and Japan shared interests in such exploration.</i></p> <ul style="list-style-type: none"> <li>- <b>Hiro Ono</b>, Group Supervisor of the Robotic Mobility Group at JPL (<i>moderator</i>)</li> <li>- <b>Tomohiro Usui</b>, Professor in the Department of Solar System Sciences, ISAS, JAXA</li> <li>- <b>Charles Whetsel</b>, Manager of the Moon to Mars Support Office at JPL</li> <li>- <b>Stacy Weinstein-Weiss</b>, Uranus Orbiter and Probe Team Lead at JPL</li> <li>- <b>John Eiler</b>, Professor of Geology and Geochemistry at Caltech</li> <li>- <b>Chas Beichman</b>, NASA Exoplanet Science Institute Executive Director, IPAC</li> </ul>
4:35 - 4:50	<p><b>Lightning Round Pitches</b></p> <ul style="list-style-type: none"> <li>- The Cosmic Infrared Background Experiment CIBER/CIBER-2: A Successful US - Japan Rocket-borne Astrophysics Experiment - Chi Nguyen, Caltech</li> <li>- The Akatsuki Participating Scientist Program - Armin Kleinböhl, JPL</li> <li>- Hosting a pair of US Space Force SDA sensors onboard Japan's QZSS-6 &amp; 7 spacecraft - Tom Essenpreis, Space Systems Command, USSF</li> <li>- Apophis Pathfinder: Opportunities for Collaboration on an ASU/Milo Precursor Flyby Mission - Jim Bell, ASU</li> <li>- Future Japan-US Science-Driven Mission Possibilities via International Space Tugs - Steven Matousek, JPL</li> <li>- US-Japan Collaboration - SKY Perfect JSAT - Issei Suzuk, JSAT</li> <li>- US-Japan Collaboration - OrbitFab - Manny Shar, OrbitFab</li> <li>- Mitsui's Post-ISS Activities - Ryan Bates, Mitsui</li> <li>- Mandala Space Ventures: Pasadena-based Venture Studio and the Japanese Space Ecosystem - Leon Alkalai, Mandala Space Ventures</li> <li>- How companies can engage further with Caltech - Taylor Lenton, Caltech Technology Transfer and Partnerships Office</li> </ul>
4:50 - 5:00	<p><b>Concluding Session</b></p> <ul style="list-style-type: none"> <li>- <b>Emily Desai</b>, Senior Deputy Director for Global and Strategic Program Planning and External Affairs, California Governor's Office of Business and Economic Development (GO-Biz)</li> <li>- Closing Remarks</li> </ul>
5:00 - 6:30	Reception at the Athenaeum