

2024 International Workshop on Space Resources: Perspectives for Future Ecosystems

AGENDA

When: Thursday, November 21, 2024 to Friday, November 22, 2024

Where: São José dos Campos Technology Park (PIT), São José dos Campos, Brazil

[Day 1] Thursday, November 21st

| TIME | SESSION / SPEAKERS |
|-------------|---|
| 08:15-09:00 | Registration |
| 09:00-09:30 | Opening Remarks (Master of ceremonies Mônica Rocha, AEB, Brazil) <i>Welcome from PIT:</i> Jeferson Cheriegate, PIT President, Brazil <i>Opening Remarks from Brazilian Space Agency:</i> Rodrigo Leonardi, AEB Director, Brazil <i>Opening Remarks from Secure World Foundation (SWF):</i> Ian Christensen, Director, USA Practical announcements |
| 09:30-09:45 | Host Nation Presentation Rodrigo Leonardi, AEB, Brazil |
| 09:45-10:15 | Keynote 1: Major Exploration and Space Resources Drivers: Artemis • David Reinecke, U.S. Department of State, USA |
| 10:15-10:45 | Coffee Break |
| 10:45-11:45 | Panel 1: Scientific Knowledge and Interest in Space Resources Moderator: <i>Angel Abbud-Madrid, Colorado School of Mines, USA</i> <ul style="list-style-type: none">• Angel Abbud-Madrid, Colorado School of Mines, USA• Gustavo Porto de Mello, Brazilian Society for Astrobiology, Brazil• Luis Loures, ITA, Brazil• Rebeca Gonçalves, United Nations Development Programme Consultant, Brazil |

| | |
|-------------|--|
| 11:45-12:00 | <p>International Resources Prospecting Campaign</p> <p>Clive Neal, University of Notre-Dame, USA [Recorded Remarks]</p> |
| 12:00-13:15 | <p>Lunch Break</p> |
| 13:15-13:45 | <p>Keynote 2: Major Exploration and Space Resources Drivers: ILRS</p> <p>Wei Wang, China National Space Administration (CNSA), China</p> |
| 13:45 | <p>Group Photo</p> |
| 14:00-15:00 | <p>Panel 2: Future Use Cases for Space Resources</p> <p>Moderator: <i>Rodrigo Leonardi, AEB, Brazil</i></p> <ul style="list-style-type: none"> • Alessandra Favero, Embrapa, Brazil • Marco Muñoz, Redminera, Chile • Wagner Vendrame, University of Florida, USA • Hadler Egidio Da Silva, INPE, Brazil |
| 15:00-16:00 | <p>Agency Presentation Session</p> <p><i>(presentations from invited regional and other space agencies on their interests/activities)</i></p> <ol style="list-style-type: none"> 1. Argentina: Marcelo Colazo, CONAE 2. Brazil: Paolo Gessini, AEB 3. South Africa: Asanda Sangoni, SANSA 4. Uruguay: Daniel Gonzalez, Uruguayan Air Force 5. Republic of Korea: Young Rew, KASA [Recorded Remarks] |
| 16:00-16:30 | <p>Coffee Break</p> <p><i>With a space food experience offered by Chef Jefferson Rueda (Casa do Porco) & Space Farming Brazil</i></p> |
| 16:30-17:30 | <p>Panel 3: Policy and Legal Considerations for Space Resources Activities</p> <p>Moderator: <i>Antonino Salmeri, Lunar Policy Platform, Italy</i></p> <ul style="list-style-type: none"> • Rodrigo Vesule Fernandes, Moon Village Association, Brazil • David Reinecke, US Department of State, USA • Soyoung Chung, KARI, Republic of Korea • Jean Robert Batana Pires Ferreira, Brazilian Ministry of Science, Technology and Innovation, Brazil |

| | |
|-----------|---|
| 17:30 | Day 1 Concludes - Reflections from AEB President Marco Antonio Chamon, Brazil |
| 1930-2200 | SOCIAL DINNER PLACE: Boigalê (http://boigale.com.br/) |

[Day 2] Friday, Nov 22nd

| TIME | SESSION / SPEAKERS |
|-------------|--|
| 09:30-10:30 | <p>Panel 4: Commercial Space Resources Activities</p> <p>Moderator: <i>Ian Christensen, SWF, USA</i></p> <ul style="list-style-type: none"> • Marchel Holle, Ispace U.S., USA • Himilcon Carvalho, Visiona, Brazil • Sara Rocci, EAT Freedom, Italy • Celso Merege, Merege Consulting & Commercial Representative Services, Brazil • Lucas Fonseca, Airvantis, Brazil <p>Remarks from Domenico Fornara Console Generale d'Italia a San Paolo & Recorded remarks from ASI President Teodoro Valente</p> |
| 10:30-11:00 | <p>Coffee Break</p> <p><i>With a space food experience offered by the Embassy of Italy in Brazil & EAT Freedom</i></p> |
| 11:00-12:30 | <p>Roundtable Sessions</p> <p><i>Interactive group discussion to focus on outcomes and summary. Discussion of role, benefit, and types of space resources activities in future space ecosystems and to build partnerships.</i></p> |
| 12:30-13:30 | <p>Lunch Break</p> |
| 13:30-17:30 | <p>Technical Tours</p> <ul style="list-style-type: none"> • Visiona (Satellite mission control room) • Embraer (Institutional presentation, hangar tour and photo) • INPE (AIT facility visit) |