



SpaceTech Analytics Event - July 28, 2021

“Space Mining The High Frontier”

Date: July 28

Time: 5pm - 8:30pm BST

The zoom event:

https://us02web.zoom.us/webinar/register/WN_2r0eycAsSXyuxZTXEOw7_A

The LinkedIn event:

<https://www.linkedin.com/events/6818219843427303424/>

The Facebook event:

<https://www.facebook.com/events/342669340740790/>

Event Description:

Join us on July 28th, 2021, 5pm - 8:30pm BST for the Space Mining The High Frontier of SpaceTech Analytics.

The potential resources of the solar system are almost incomprehensibly vast, and the utilization of them is crucial to the development and ultimately settlement of space. From water ice and minerals on Earth's moon, to the atmosphere of Mars, the hydrocarbons and metals of the asteroid belt, and immense helium and ammonia deposits of the gas giants, all of the materials needed for humanity to thrive off the planet are available to us, given sufficient technology. Some technologies are being developed now, particularly for lunar resources, while others, such as asteroid processing, are more speculative and won't be able to be matured until we have much more space activity occurring.

Accordingly, SpaceTech Analytics will be hosting a webinar on this topic to help promote a greater degree of synergy, cooperation, and discussion within the industry, encouraging collaboration between companies, investors, non-profits, academic labs and R&D hubs, governmental bodies, and policy makers, offering a variety of free-to-use analytics, networking and collaboration tools.

During the event, SpaceTech Analytics business development consultant Rand Simberg and speakers from the space-mining industry will discuss the opportunities presented by the rapidly emerging interest in in-situ resource utilization (ISRU) – as a key part of expanding human presence in space and in generating economic benefit both off planet and terrestrial, from space activities. Speakers will also address the need to conduct space-resource utilization in a sustainable manner to allow healthy growth of the off-world economy.

Speakers

- **Moderator:** Rand Simberg
- **Speaker 1:** George Sowers
- **Speaker 2:** Daniel Sax
- **Speaker 3:** Gary Calnan
- **Speaker 4:** John Mankins
- **Speaker 5:** Christopher Johnson
- **Speaker 6:** Jim Keravala
- **Speaker 7:** Joel Sercel
- **Speaker 8:** Martin Elvis
- **Speaker 9:** Chris Lewicki

Agenda - Day 1

5.00-5.05 (5 mins)	Opening Remarks	<i>Rand Simberg, Business Development Consultant at SpaceTech Analytics, Oleksii Rud, Head of SpaceTech Analytics</i>
5.05-5.20 (15 mins)	<i>Lunar South Pole Mining</i>	<i>John Mankins, Vice President, Moon Village Association</i>
5.20-5.35 (15 mins)	<i>Space Resources: The Case For Canada</i>	<i>Daniel Sax, Chief Executive Officer, Canadian Space Mining Corporation</i>
5.35-5.50 (15 mins)	<i>In-Space Metal Processing</i>	<i>Gary Calnan, Co-Founder and CEO, CisLunar Industries</i>
5.50-6.05 (15 mins)	<i>Lunar Ice Mining for Propellant</i>	<i>George Sowers, Professor, Space Resources, Colorado School of Mines</i>
6.05-6.20 (15 mins)	<i>Legal Aspects of Asteroid Mining</i>	<i>Christopher Johnson, Space Law Advisor, Secure World Foundation</i>
6.20-6.35 (15 mins)	<i>OffWorld Space Mining – From Earth to the Solar System</i>	<i>Jim Keravala, CEO & Chief Architect, OffWorld</i>
6.35-6.50 (15 mins)	<i>Relationship Between Space Logistics and Space Mining</i>	<i>Joel Sercel, Space Technologist, Entrepreneur, and Innovator</i>
6:50-7.05 (15 mins)	<i>Creating Space Infrastructure for the Space Resources Supply Chain</i>	<i>Chris Lewicki, Founder, Interplanetary Enterprises</i>

7.05 - 7.20	<i>Asteroid Prospecting - How to Find the Relatively Rare Valuable Asteroids</i>	<i>Martin Elvis, Senior Astrophysicist, SAO</i>
7.20-7.50 (30 mins)	Panel Discussion, Q&A	<i>Rand Simberg, Business Development Consultant at SpaceTech Analytics</i>
7.50-7.55 (5 mins)	Closing Remarks	<i>Rand Simberg, Business Development Consultant at SpaceTech Analytics</i>