IAF BUSINESSES AND INNOVATION SYMPOSIUM (E6)
Public-Private Partnerships: Traditional and New Space Applications (2)

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KEYNOTE: FROM SPACE ROCKS AND ASTEROIDS TO FUEL: THE POTENTIAL OF SPACE RESOURCES TO ENABLE FUTURE EXPLORATION AND THE NEW SPACE ECONOMY

Abstract

Join our Keynote Speakers at the IAC Milan, Italy, 2024, for a session on space resource utilization! Space resources refer to natural physical materials and substances found in space and on celestial bodies such as asteroids, comets, the Moon, and other planets. The session will also explore solutions regarding artificial resources from space debris. Dr. Angel Abbud-Madrid, Director of the Center for Space Resources at the Colorado School of Mines, will discuss the potential of space resources to provide necessary raw materials, fuel, and resources for space operations and how these resources could facilitate new commercial activities that can help sustain space ventures in the long term. Nancy C. Wolfson, Chair of the IAF-SEIC, will discuss the new IAF-SEIC research project on designing an entity model after the UN-ITU for Space Resources. She will also explore concepts of asteroid mining and will include concepts on orbital debris problems and potential solutions. The session will conclude with an interactive QA/Poll.