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## IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM (B2) Advances in Space-based Communication Technologies, Part 2 (6)

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## LASER RELAY SATELLITE NETWORK FOR REAL-TIME MISSION OPERATION ON MOON, MARS AND BEYOND!

## Abstract

If we want to establish real-time operations on the surface of other planetary bodies, operating robotic systems or having a real-time communication connection between astronauts and Earth's Deep Space Network is a real challenge and issue that needs to be addressed. Earth's Profound Space Arrange may be a genuine challenge and problem that must address on the off chance that we have to be set up real time operations on the surface of other planetary bodies.

Future deep space missions would require a LASER Relay satellite, much like fuel depots for refueling spacecraft, as LASER + DTN is the future of the space internet and allows for real-time data exchange without any delays, resulting in real-time communication systems to guarantee a successful mission.

Keywords: LASER, DTN, Deep Space Communication, Relay and Refuel Station, Internet, Real Time Data Monitoring,