

IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM (B2)
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BUILDING A PROTOTYPE CELL PHONE TOWER ON THE LUNAR BASE

Abstract

Notion Robotics Lab Researchers and Scientists to study and launch LTE connectivity on the Lunar base enabling our in-house co-operative rovers to communicate with the team back on earth using 5G wireless communications. Notion researcher plans that would carry LTE Terminals designed to survive in harsh environment in different periods of time. The project would be collaborated with universities and thus in second phase into research in AI and autonomous system to provide new insights into how these systems will use AI to collaborate with mobile broadband networks. This would enhance the performance of both networks and applications to enable greater levels of human machine and various systems. This research will create a deeper understanding of how the interaction between applications and networks can create new innovative insights in building infrastructure in Lunar base. Keywords: - Cell Phone Tower, Co-operative Rovers, Communication System, Artificial Intelligence and Autonomous System.