

IAF SPACE EXPLORATION SYMPOSIUM (A3)  
Interactive Presentations - IAF SPACE EXPLORATION SYMPOSIUM (IP)

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MOON-GAR

**Abstract**

According to Morgan Stanley's predictions, the space sector is estimated to generate around \$1.1 trillion in revenue by 2040. This is due to its significant impact on today's society, as it is involved in telecommunications and energy activities, military defense, and commercialization. Therefore, the development of a hangar focused on the construction, repair, and launch of spacecraft is of great interest to both the public and private sectors. This ambitious project proposes the creation of a hangar, optimizing costs for future missions through the production, maintenance, and launch of spacecraft on the lunar surface; revolutionizing the industry and aiding the advancement of strategic implementations and practices for future space missions.