

IAF SPACE EXPLORATION SYMPOSIUM (A3)
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NOTION ROBOTICS LAB TO BUILD ROBOTIC INSTRUMENTS TO EXPLORE OXYGEN ON
MOON

Abstract

Exploring oxygen on the moon the Most Important for Survival A highly collaborative project, teams with different space agencies and Universities are working to perfect a process of using molten salt and electrolysis to extract oxygen trapped inside moon rock, known as regolith, paving the way for astronauts to base a space station on the Moon for the first time and even for humans to live there. Notion Robotics lab has been developing an AI computer model to understand the different types of rock also to have a lab on the moon where Robots can detect the Moon rock and extract oxygen trapped inside and send the data to the earth, This would assist us to build a base a space station on the Moon and also could engage in data analytics to support for Astronauts living

Keywords... Electrolysis, Extract, Oxygen,Astronauts , Moon .