

# SPACE EXPLORATION AND UTILIZATION

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We live in a Golden Age of Space Exploration. In the last 25 years we have visited every planet in our solar system, probed deep space and discovered extrasolar planets, landed on Mars and Titan, had rovers continuously roving on Mars, demonstrated powered flight on Mars and continuously had astronauts in Space. With the technological advances in electronics, material, structures, communications, etc. . . we now have affordable space systems imbedded in our day to day life ( gps, internet, meteorological prediction, map production . . . ) and commercial companies, startups, universities are playing an increasingly larger role in Space utilization.

This talk will give an overview of the last 25 years let achievements and opportunities for the next 25 years

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