



Looking for Blue Oceans in Space - Where are the Opportunities and Challenges?

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As humanity's exploration of space enters a new era, the search for "Blue Oceans," or untapped opportunities, has become a focal point for scientists, engineers, and space enthusiasts alike. Compared with space exploration in the past half century, the exploration of the new space era is not only a new battlefield for capital and technology, but more importantly, a competition for creativity and execution. And space exploration is no longer the "privilege" of a few elites in the fields of science and engineering, but has become a place of Interdisciplinary, including social sciences, medical biotechnology, etc., where various talents compete for opportunities from the ground to the air, from the atmosphere to outer space. No one can predict what space exploration will look like in another half a century! In this presentation, some highly innovative or inspiring space missions or ideas in recent years are discussed for the attitude and direction of efforts that young talents should adopt in learning and career planning in this field full of opportunities but uncertainties.

However, with great opportunities come great challenges. The obstacles and risks associated with venturing into space exploration, including technological limitations, regulatory complexities, financial constraints, and ethical considerations are also addressed. It concludes the need for collaborative efforts among nations, industries, and organizations to overcome these hurdles and ensure responsible and sustainable exploration.