

Poster Session (P)

Poster Lunch (1)

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THE APPLICATION, DEVELOPMENT AND PROSPECTS OF VACUUM COATING TECHNOLOGY
IN SPACE EXPLORATION

Abstract

Vacuum coating technology is a technique that turns metal or metallic compound in to airborne molecular or atom which deposits on the surface of plating pieces and forms plating to change properties of plating pieces. As the development of space exploration, the demands for vacuum coating technology have drawn great attention of scholars worldwide. The application and development of vacuum coating technology in space exploration are analyzed in this paper. The prospects of the technique in space exploration are discussed as well.