



## 專題演講

# Introduction to Chemical and Electric Propulsion for Space Exploration and Ongoing Research in NCKU

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Time : 106 年 2 月 14 日 星期二 11:00~12:00

Place : 健雄館(科四館)S4-917 教室

摘要/Abstract :

Space is our future. Decades past, there has been thousands of space probes, satellites, space stations, and rockets launched into space. Although Taiwan is a small island, we still believe the "space" is our unlimited space of imagination and technology demonstration. We, Taiwan, has the outstanding semiconductor industry and machinery industry in the world. Also, our capability and potential of space science and technology are powerful and ranking. In Taiwan, National Cheng Kung University has couple groups engaged in space-related research. Our combustion and propulsion Laboratory in Institute of Aeronautics and Astronautics focuses on combustion and space propulsion (e.g. hybrid rocket and electric propulsion).

During the Age of Space, Cube satellite is the "Big Thing" in this century. So, my personal research is about a micro ECR Ion thruster for deep space exploration. In addition, we are the first one and the only one group doing electric propulsion research in academia in Taiwan. We would like and honored to share, discuss and cooperate our research with friends, groups, labs, universities and research centers in the world.

※歡迎聽講※

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