

高等教育深耕計畫-引領永續未來創新學院

【前瞻領域學程】系列講座

講者：**吳宗信** 特聘教授(國立交通大學機械工程學系)

講題：**Rockets - the Key to Space, Can Taiwan Make It?** (少年阿伯的太空夢)

時間：**2019年6月5日(星期三)下午2：30～3：30**

地點：**應數系多媒體教室(理學院408室)**

摘要

In this talk, I will briefly review the current status of global space technology and application, which focuses on the use of satellites and satellite launching capability. Analyses show that Taiwan is highly justified to develop space technology in terms of her strength in economy and military spending by sending satellites into orbit to serve its people for peaceful/economic purpose. I will also propose what Taiwan should do in the near future to cultivate its own niche space technology which will benefit economic and scientific development. These include nano/micro satellites in LEO and skim satellite in VLEO, among others. Then followed by brief introduction of history, classification and pros/cons of rocket propulsion technology. This explains why ARRC is currently devoted to developing hybrid rocket propulsion technology. Current status and future plan of ARRC are described. In addition, many interesting and touching stories behind the development of his highly adventurous pathway will be shared in this talk.

歡迎大學部同學踴躍參加

主辦單位：國立高雄大學統計學研究所、應用數學系

協辦單位：國立高雄大學巨量資料研究中心

高大交通資訊：<http://intro.nuk.edu.tw/nuk/map01.htm>