



演講公告

IoSE Seminar

Satlantis:

An Example of Generation and Transfer of Knowledge Between the University and the Space Industry

Satlantis：大學與太空產業之間的知識創造與移轉

SCIENCE
TECHNOLOGY
PEOPLE
A BRIGHTER EARTH



日期 DATE

Tuesday,
September 15, 2026

2026.09.15 星期二



時間 TIME

10:00-12:00



演講地點 VENUE

Room 107, Engineering Building I,
National Tsing Hua University

工程一館 107 室

演講簡介 OVERVIEW

從大學天文研究到太空產業：本演講將介紹 Satlantis 如何將天文觀測技術轉化為地球觀測能力，並分享太空新創，產學合作與技術移轉的實務經驗，以及 Satlantis 目前的地球觀測能力。

演講摘要 ABSTRACT

Satlantis started in 2013 as a spinoff of the University of Florida focused on the design and manufacture of space cameras. Today, Satlantis has offices in the USA, Spain, France and the UK, employs over 300 engineers, scientists and business managers, and has flown eight space missions, including four Earth Observation (EO) satellites still operational in Low-Earth Orbit (LEO). Twenty additional missions are planned over the next four years, including ARRAKIHS, the next F-class astrophysics mission of the European Space Agency (ESA). The main innovations of Satlantis are the result of applying to EO the same technology and methodology used by astronomers to observe the universe. In this talk, I will present Satlantis EO capabilities and describe my own experience as co-founder and CTO of Satlantis until I became the Principal Investigator of ARRAKIHS, highlighting various aspects of the virtuous cycle between university and industry that facilitated the success of Satlantis.

講者 SPEAKER



Prof. Rafael Guzman

Research Professor, Instituto de Física de Cantabria (IFCA), Spain

Co-founder and former CTO of Satlantis

Principal Investigator of ESA ARRAKIHS Mission

講者簡介 ABOUT THE SPEAKER

Rafael Guzman is a Research Professor at the Instituto de Física de Cantabria (IFCA), Spain. He received his PhD from Durham University in 1994, held a Hubble Fellowship at Yale University, and served as Professor and Chair of the Department of Astronomy at the University of Florida. In 2013, he co-founded Satlantis and became its CTO, developing advanced space cameras for microsatellites. He is now the Principal Investigator of ESA's ARRAKIHS mission. His career connects observational astronomy, space instrumentation, technology transfer and entrepreneurship.

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FROM KNOWLEDGE
TO A BRIGHTER TOMORROW

主辦單位 ORGANIZER

國立清華大學太空工程研究所 Institute of Space Engineering, National Tsing Hua University