



## SEMINAR 專題演講



國立中央大學 太空科學與工程學系

Department of Space Science and Engineering, National Central University

### Time

Monday, May 19, 2025  
10:00 – 11:00

### Place

健雄館 (科四館)

S4-917 教室  
Room S4-917,  
Chien-Shiung Building

# Emerging Frontiers in Space Safety: Slingshot Aerospace and the Evolution of SSA/SDA

John Young  
Director of Sales- International  
Slingshot Aerospace

This session will begin with a short introduction to Slingshot Aerospace, followed by a high-level overview of Space Situational Awareness (SSA) and Space Domain Awareness (SDA). It will cover key technical drivers, current innovations, and the role of global sensor networks and AI in addressing the challenges of an increasingly congested orbital environment. The session will conclude with reflections on global trends and the importance of international collaboration in ensuring a safe and sustainable space future.