The 3rd UNISEC Deep Space Workshop Program

Date and Time: 9:00-12:00, 8 November 2026

Venue: ATI room (靄雲廳), 1F, Department of Electrical Engineering, National Cheng Kung University (NCKU), Tainan

Moderator: **Maximilien Berthet**, the University of Tokyo

9:00	9:30	Introduction	
9:30	10:40	Panel Discussion 1: The Current Status and Challenges of Deep Space Exploration	**Masayuki Urata,** ispace, inc. **Amal Chandran**, University of Colorado Boulder / Hex20 **Wing Ip**, Taiwan Space Union / National Central University **Adam Amara**, University of Surrey / UK Space Agency **Loren Chang**, National Central University **Ya-Hui Yang,** National Central University
10:40	10:55	Break	
10:55	11:25	Panel Discussion 2: The Future Direction	**Antonio Stark**, **ispace, inc.** **Amal Chandran**, University of Colorado Boulder / Hex20 **Wing Ip**, Taiwan Space Union / National Central University **Adam Amara**, University of Surrey / UK Space Agency **Loren Chang**, National Central University **Ya-Hui Yang,** National Central University
11:25	11:35	Break	
11:35	12:00	Open Discussion and Q&A	

Note: Lunch will be provided.

Moderator:

Dr. Maximilien Berthet of the **University of Tokyo**: Astrodynamics, spacecraft dynamics, planetary atmospheres, aerobraking, formation flight control, small satellites, space sails, regional space development history.

Panel Composition:

1. **Masayuki Urata** (Panel 1) / **Antonio Stark** (Panel 2), **ispace, inc.**: Business development and international partnerships.

2. **Dr. Amal Chandran**, **Laboratory for Atmospheric and Space Physics (LASP), University of Colorado Boulder / Hex20: Director of Small Satellite Projects at LASP**. LASP involved in many deep space missions. Hex20 is contractor for the Emirates Mission to the Asteroid Belt (EMA) Deep Space probe.

3. **Professor Wing Ip**, **Taiwan Space Union** / National Central University: Director of TSU, involved in the Cassini mission, lunar and planetary science. Formulating decadal survey for space exploration in capacity as director of TSU.

4. **Professor Adam Amara**, **University of Surrey / UK Space Agency**. Chief Scientist of the UK Space Agency and Director of the Surrey Space Centre. Background is astronomy and cosmology.

5. **Professor Loren Chang**, **National Central University**: Payload PI experience sharing from Deep Space Radition Probe (DSRP) project flown on ispace, inc. Mission 2 *Resilience* lander.

6. **Professor Ya-Hui Yang**, **National Central University**: Payload PI of the Lunar Vector Magnetometer payload under contract to TASA and manifested on ispace Mission 4 lander in 2028. Also involved in scientific studies on interactions with the solar wind and the lunar magnetic field.