TASTI 2026 NSAT+ AOSWA Asia-Oceania Space Weather Alliance

Agenda

NOV. 8 (SUN)

1F NUSANTARIA / ORANGE

Nusantaria A

10:45–12:00 TASTI Forum
From Earth to Space:
Trends in Resilient Positioning, Navigation, and Timing (PNT) Technologies

Nusantaria B

10:45–12:00 TASTI Forum
Promotion of Diversified Space Education

14:00–16:30 TASTI Forum
Balloon Popping Challenge:
Rocket GNC Software Design Competition

Nusantaria C

13:30–14:50 TASTI Forum
Inter-
University Space Systems Engineering Forum

15:15–16:35 TASTI Forum
Inter-
University Space Systems Engineering Forum

Nusantaria D2

13:30–14:45 TASTI Forum
Geopolitics and the Lunar Race

15:15–16:30 TASTI Forum
Building a Sustainable Lunar Economy

Nusantaria E1

10:45–12:00 TASTI Forum
Beyond Earth, Beyond Limits:
Innovations in Space Biomedicine and Human Health

13:30–14:45 TASTI Forum
Space Security:
The Role and Future of Emerging Spacefaring Nations (Invite Only) /Under Chatham House Rule

15:30–16:30 TASTI Forum
TSIDA × AASTA MoU Signing:
Strategic Partnership with Asia Pacific Space Trade Associations

Orange A

09:00–10:15 TASTI Oral Session
TASTI Oral Session
Satellite Design, Payloads, and Subsystems (0102)

10:45–12:00 TASTI Oral Session
TASTI Oral Session
Satellite Design, Payloads, and Subsystems (0102)

13:30–14:45 TASTI Oral Session
TASTI Oral Session
Satellite Design, Payloads, and Subsystems (0102)

15:15–16:30 TASTI Oral Session
TASTI Oral Session
Satellite Design, Payloads, and Subsystems (0102)

Orange B

09:00–10:15 TASTI Oral Session
TASTI Oral Session
Commercial Space and NewSpace (06)

10:45–12:00 TASTI Oral Session
TASTI Oral Session
Earth Observation and Remote Sensing (0201)

13:30–14:45 TASTI Oral Session
TASTI Oral Session
Earth Observation and Remote Sensing (0201) / Climate Monitoring, Disaster Management, and Sustainability Applications (0204)

15:15–16:30 TASTI Oral Session
TASTI Oral Session
Navigation, Positioning, and Timing (GNSS) (0202)

3F ZEELANDIA / TAYOUAN

Zeelandia A

09:00–15:00 TASTI Poster
Grow Me on the Moon:
Plant Growth in Lunar Regolith Simulant

Zeelandia B

09:00–15:00 TASTI Poster
Grow Me on the Moon:
Plant Growth in Lunar Regolith Simulant

Tayouan A

08:45–10:15 AOSWA
AOSWA Session:
AI and New Techniques of Space Weather Forecasting (0905)

13:00–14:45 AOSWA
AOSWA Session:
Thermosphere, Ionosphere, and Magnetosphere Dynamics and Interactions (0901/0402)

15:00–16:45 AOSWA
AOSWA Session:
Space Weather Impact and Mitigation (0908)

Tayouan B

09:00–10:15 TASTI Poster
Bridging Academia and Research with Industry:
Sounding Rockets, Systems Integration, Talent Development, and Flight-Test Verification

13:00–14:20 TASTI Forum
Canada in Space:
To Infinity and Beyond

14:30–16:30 TASTI Forum
Canada in Space:
To Infinity and Beyond

Tayouan C

09:00–16:30 TASTI Poster
Matchmaking Area

Tayouan D

09:00–16:30 TASTI/ NSAT+/ AOSWA Joint Poster Area
TASTI/ NSAT+/ AOSWA Joint Poster Exhibition

NOV. 9 (MON)

1F NUSANTARIA / ORANGE

Nusantaria A

12:25–15:00 TASTI Forum
Connecting UK Innovation with Taiwan's Space Ambitions

Nusantaria B

12:25–13:40 TASTI Forum
Workshop on Environmental Monitoring

13:50–15:35 TASTI Forum
Workshop on Environmental Monitoring

15:35–17:00 TASTI Forum
Workshop on Environmental Monitoring

Nusantaria C

12:25–13:40 TASTI Forum
Open Source Spatial Intelligence (OSSIm) Hackathon 2026 Award Ceremony

14:05–15:20 TASTI Forum
Silicon Interstellar:
Trends in the Chip-Scale Integration of Space Satellite Components

15:45–17:00 TASTI Forum
Silicon Interstellar:
Trends in the Chip-Scale Integration of Space Satellite Components

Nusantaria D1

08:00–17:00 TASTI Forum
1st Orbital Design Contest

Nusantaria D2

12:25–13:40 TASTI Forum
Breaking Through the Bandwidth Bottleneck:
Development of Core Technologies in Terahertz and Laser Optical Communications

14:05–15:20 TASTI Forum
Driving the Evolution to 6G with NTN

15:45–17:00 TASTI Forum
Driving the Evolution to 6G with NTN

Nusantaria E1

15:55–17:00 TASTI Forum
Building Indigenous Launch Capability:
Cross-Sector Collaboration to Strengthen the National Rocket Industry Ecosystem

Orange A

12:25–13:40 TASTI Oral Session
TASTI Oral Session
Satellite Design, Payloads, and Subsystems (0102)

14:05–15:20 TASTI Oral Session
TASTI Oral Session
Space Law, Regulation, and Norms of Behavior (0501)

15:45–17:00 TASTI Oral Session
TASTI Oral Session
Security and Defense Aspects of Space (0502) / Space for National Resilience (0504)

Orange B

12:25–13:40 TASTI Oral Session
TASTI Oral Session
Earth Observation and Remote Sensing (0201)

14:05–15:20 TASTI Oral Session
TASTI Oral Session
Earth Observation and Remote Sensing (0201)

15:45–17:00 TASTI Oral Session
TASTI Oral Session
Earth Observation and Remote Sensing (0201)

3F ZEELANDIA / TAYOUAN

Zeelandia A

09:00–09:40 Ceremony
TASTI & NSAT+ & AOSWA Opening Ceremony

10:45–11:15 TASTI Forum
TASTI Keynote 1 - Space Safety and SSA as Pillars of Operational Resilience

11:15–11:45 TASTI Forum
TASTI Keynote 2 - Orbital Resilience (Video Address)

15:45–17:00 TASTI Forum
Key Factors and Enablers for Promoting Taiwan-U.S. Space Cooperation

Zeelandia B

09:00–09:40 Ceremony
TASTI & NSAT+ & AOSWA Opening Ceremony

10:45–11:15 TASTI Forum
TASTI Keynote 1 - Space Safety and SSA as Pillars of Operational Resilience

11:15–11:45 TASTI Forum
TASTI Keynote 2 - Orbital Resilience (Video Address)

15:45–17:00 TASTI Forum
From strategy to scale:
how the French space ecosystem turns innovation into industrial and international opportunities

Tayouan A

10:10–10:40 AOSWA
AOSWA Opening Remark

10:50–11:30 AOSWA
AOSWA Keynote 1 - Space Weather:
A Global Hazard Requiring Global Action

12:25–13:25 AOSWA
AOSWA Session:
CGMS Efforts to Improve User Access to Operational Space Weather Data (0906)

13:25–13:55 AOSWA
AOSWA Panel Discussion:
CGMS Efforts to Improve User Access to Operational Space Weather Data

14:05–15:20 AOSWA
AOSWA Session:
Monitoring and Simulation of Solar Activity and Space Radiation (0902/0403)

15:45–16:45 AOSWA
AOSWA Session:
General Topics on Space Weather (0907/0401)

Tayouan B

13:30–14:05 NSAT+
NSAT+ Keynote

14:05–15:20 NSAT+
10th Mission Idea Contest Preliminary Workshop(Pre-MIC10)

15:45–17:00 NSAT+
10th Mission Idea Contest Preliminary Workshop(Pre-MIC10)

Tayouan C

09:00–17:00 TASTI Poster
Matchmaking Area

Tayouan D

09:00–17:00 TASTI/ NSAT+/ AOSWA Joint Poster Area
TASTI/ NSAT+/ AOSWA Joint Poster Exhibition

NOV. 10 (TUE)

1F NUSANTARIA / ORANGE

Nusantaria A

10:10–11:35 TASTI Forum
Resilient Links Drive Industrial Evolution: Multi-Dimensional Network Resilience and Supply Chain Collaboration

12:25–13:40 TASTI Forum
Startup Innovation Spotlight

14:05–15:05 TASTI Forum
Canada in Space:
To Infinity and Beyond (Invite Only)

15:15–17:00 TASTI Forum
Canada in Space:
To Infinity and Beyond (Invite Only)

Nusantaria B

10:10–11:25 TASTI Forum
Mobilizing Private Capital for the Space Economy:
Taiwan's Strategy and Pathway for Space Industry Funds

14:05–15:20 TASTI Forum
Bucking the Next Wave of Space:
U.S. Public and Private Capital Meets Asia-Pacific Dual-Use Technology

15:45–17:00 TASTI Forum
From Single CubeSats to Satellite Constellations:
Pathways to a Sustainable and Scalable Space Industry

Nusantaria C

09:00–10:15 NSAT+
NSAT+ Session:
Lean Satellites

10:30–11:45 NSAT+
NSAT+ Session:
CubeSat Missions

12:25–13:40 NSAT+
NSAT+ Session:
CubeSat Payloads

14:05–15:20 NSAT+
NSAT+ Session:
CubeSat Subsystems

15:45–17:00 NSAT+
NSAT+ Session:
CubeSat Capacity Building and Lessons Learned

Nusantaria D1

15:45–17:00 TASTI Forum
Remote Sensing Applications for Government:
Climate Monitoring, Disaster Response, and Sustainable Resource Management

Nusantaria D2

15:45–17:00 TASTI Forum
Remote Sensing Applications for Government:
Climate Monitoring, Disaster Response, and Sustainable Resource Management

Nusantaria E1

10:10–11:25 TASTI Forum
Space Quantum Communication Network and Security Technology:
Challenges and Development

13:00–13:40 TASTI Forum
Space-Infrastructure Platforms:
K2 Space and Loft Orbital

14:05–15:20 TASTI Forum
Beyond the Horizon:
NTN Integration Breakthroughs & Sat-to-Ground Validation [Keysight]

15:45–17:00 TASTI Forum
Beyond the Horizon:
NTN Integration Breakthroughs & Sat-to-Ground Validation [Keysight]

Orange A

09:00–10:15 TASTI Oral Session
TASTI Oral Session
Launch Systems and Propulsion (0101)

10:45–11:25 TASTI Oral Session
TASTI Oral Session
Other Innovative Applications (0205)

12:25–13:40 TASTI Oral Session
TASTI Oral Session
Launch Systems and Propulsion (0101)

14:05–15:20 TASTI Oral Session
TASTI Oral Session
AI, Autonomy, and Robotics in Space (0103)

15:45–17:00 TASTI Oral Session
TASTI Oral Session
International Cooperation and Diplomacy (0503)

Orange B

09:00–10:15 TASTI Oral Session
TASTI Oral Session
Satellite Communications and Broadband (0203)

10:45–11:25 TASTI Oral Session
TASTI Oral Session
Science Payload (0406)

12:25–13:40 TASTI Oral Session
TASTI Oral Session
Lunar Exploration Instrument (0405)

14:05–15:20 TASTI Oral Session
TASTI Oral Session
Space Situational Awareness / Space Domain Awareness (0304)

15:45–17:00 TASTI Oral Session
TASTI Oral Session
Space Situational Awareness / Space Domain Awareness (0304)

3F ZEELANDIA / TAYOUAN

Zeelandia A

08:45–09:15 TASTI Forum
TASTI Keynote 3 - Japan's space development and international partnerships

09:15–09:45 TASTI Forum
TASTI Keynote 4 - Post-Silicon:
Microgravity Manufacturing for the Physical AI Era

10:10–13:40 TASTI Forum
Unconventional Paths to Space：
Making Space for Multidisciplinary Talent

14:05–15:20 TASTI Forum
Space Policy and Law

15:45–17:00 TASTI Forum
Space Policy and Law

Zeelandia B

10:10–11:25 TASTI Forum
Global Connectivity:
Leveraging Supply Chain Strengths for a New Era of Satellite Systems [CIAT]

12:25–13:40 TASTI Forum
Global Connectivity:
Leveraging Supply Chain Strengths for a New Era of Satellite Systems [CIAT]

14:30–16:30 TASTI Forum
Global Space B2B Matching (Invite Only)

Tayouan A

08:30–09:05 AOSWA
AOSWA Keynote 2 - Magnetohydrodynamic Seismology for Space Weather Forecasting

09:05–09:40 AOSWA
AOSWA Keynote 3 - Ionosphere Space Weather Forecast and Monitoring based on GNSS-RO Missions

10:10–11:40 AOSWA
AOSWA Session:
Connecting the Local Observation to Global Network and Space Weather Services (0903/0404)

12:40–13:40 AOSWA
AOSWA Session:
General Topics on Space Weather (0907/0401)

14:05–15:20 AOSWA
AOSWA Session:
Space Weather Awareness and Public Outreach (0904)

15:45–17:00 AOSWA
AOSWA Poster Session
(Tayouan D)

Tayouan B

10:00–12:30 TASTI Poster
Taiwan Digital Terrain Model Value-Added Applications Forum

14:05–15:20 TASTI Forum
The Evolution of the Orbital Brain:
Edge AI-driven Satellite Autonomy and Real-time Processing

15:45–17:00 TASTI Forum
The Evolution of the Orbital Brain:
Edge AI-driven Satellite Autonomy and Real-time Processing

Tayouan C

09:00–17:00 TASTI Poster
Matchmaking Area

Tayouan D

08:45–11:25 TASTI/ NSAT+/ AOSWA Joint Poster Area
TASTI/ NSAT+/ AOSWA Joint Poster Exhibition

11:30–14:00 TASTI/ NSAT+/ AOSWA Joint Poster Area
TASTI/ NSAT+ Joint Poster Session

14:05–15:20 TASTI/ NSAT+/ AOSWA Joint Poster Area
TASTI/ NSAT+/ AOSWA Joint Poster Exhibition

15:45–17:00 TASTI/ NSAT+/ AOSWA Joint Poster Area
AOSWA Poster Session

NOV. 11 (WED)

1F NUSANTARIA / ORANGE

Nusantaria A

09:00–10:15 TASTI Forum
Intellectual Property Outpost:
Gaining Strategic Insights into Space Industry Competition through Patent Intelligence [Clarivate]

Nusantaria C

09:00–10:15 NSAT+
NSAT+ Session:
CubeSat Technologies and Applications

Nusantaria D2

09:00–10:15 TASTI Forum
Smart Territory:
Satellite Imagery Analysis and Resilience Applications

Orange A

09:00–10:15 TASTI Oral Session
TASTI Oral Session
AI, Autonomy, and Robotics in Space (0103)

Orange B

09:00–10:15 TASTI Oral Session
TASTI Oral Session
Human Capital and Education (07)

3F ZEELANDIA / TAYOUAN

Zeelandia A

10:30–11:15 Ceremony
TASTI & NSAT+ & AOSWA Closing Ceremony

Tayouan A

08:30–10:00 AOSWA
AOSWA Session:
Thermosphere, Ionosphere, and Magnetosphere Dynamics and Interactions (0901/0402)

10:00–10:15 AOSWA
AOSWA Closing Remark

Tayouan B

09:00–10:15 TASTI Poster
Eyes Over Formosa:
FORMOSAT-8 Documentary Screening

Tayouan C

09:00–10:15 TASTI Poster
Matchmaking Area

Tayouan D

09:00–10:15 TASTI/ NSAT+/ AOSWA Joint Poster Area
TASTI/ NSAT+/ AOSWA Joint Poster Exhibition

Advisor NSTC

Organizers TASA 臺南市政府 TAINAN CITY GOVERNMENT