

Tomorrow's Technologies Today,

Preparing Your Next Opportunities in the Dawning of the Space Industry in the Greater Bay Area¹

9:00: Opening Speeches, Housekeeping, and Welcome:

- Sec for Innovation, Technology, and Industry – Prof. Sun Dong.
- Mr. Bernard Chan, GBM, GBS, JP. Chairman, Hong Kong Council of Sustainable Development. Former Convenor of the Executive Council of the HKSAR Government.
- “Why here, why now?” Prof. Gregg Li, Executive Director and President, OASA.
- “How OASA started at Cyberport, and why should Astropreneurship begin here?” Mr. Peter Yan, CEO
- “Do You See What I See?” Mr. Perry Lam, Chairman of OASA/Roy Chan, Vice Chairman.
- “Innovation and Greater Bay” Mr. Duncan Chiu, Legco Member.

10:00: Photo Taking. Picture Taking

10:15: “China’s Space Policy and Developments and Implications for the Local Industries.” Taikonaut Zhao Chuandong, Beijing. [Putonghua].

10:30: “Building Mini Satellites in Hong Kong and Greater Bay” Dr. George G Lam, Co-Chair, Hong Kong Aerospace Technology Group and Chair of the UN ESCAP and UN ESNB. Former Chair Cyberport.

10:45: Break

11:00: “Everything happens somewhere - Connecting spatial information with Common Spatial Data Infrastructure (CSDI).”

¹ Disclaimer by the Innovation and Technology Commission of the HKSAR Government (ITC):

Any opinions, findings, conclusions, or recommendations expressed in this material/event (or by members of the project team) do not reflect the views of the Government of the Hong Kong Special Administrative Region, the Innovation and Technology Commission, or the General Support Programme (GSP) Vetting Committee of the Innovation and Technology Fund.



Sr. Yue-Chun Chan, Head of Spatial Data Office, Development Bureau, The Government of Hong Kong Special Administrative Region.

11:20: Tomorrow's Talents Today: Grounding Space Technologies and Talents Today

- **Panel Keynote: *The space engineering possibilities within the secondary school student resource.*** Paul Hodgson, Chairman; and George Woo, Treasurer, IEEE, CT/OES HK Joint Chapter.
- Moderated by Prof. Quentin Parker, Director of the Lab for Space Research, HKU.

Panel:

- Prof. Alan K. T. Lau, President, Chair Professor of Product Innovation, THEi - Technological and Higher Education Institute of Hong Kong.
- Prof. KF Wong, LegCo Member. Dept of Systems Engineering and Eng. Mgmt, CUHK.

12:00: "The Space Industry and Where Would Future Talents Come From." Dr. Gregg Li, Executive Director and President of OASA.

12:15: "Are there Aliens out there and what does this has to do with NewSpace?" Chris Altman. NASA-trained astronaut. Chief Scientist for Quantum Technology and Artificial Intelligence at Astradyne, USA. [Zoom]

12:45: My Dream: Young persons with Dreams of Space. Growing algae in the International Space Station (ISS). **(15 mins):**

- A Top-10 Champion Team Winner of the European Space Agency (ESA) for ISS - ASTRON: Space Lab piloted with St. Paul's Covenant Secondary School. Kitty Tang, Director of 60Pins.

1:00: Lunch and Industry Parallel Sharing

1:00 F2F Presentation

1. **NewSpace and Indoor Space.** *"Connecting to Space from Indoor."* Zhang Di, General Manager, OTTWZ.com. [Putonghua]
2. **Protecting and Insuring You with the Power of GPS.** *The Case of YAS.* William Lee, Co-Founder.
3. **NewSpace and Precision Agriculture.** *The Cislunar Water Economy, Water Propulsion and its Implications.* Patrick Suen. Founder and CEO of Euros.space, a start-up on developing emerging space tech concepts.
4. **Edge Computing in Space.** *Building the First AI powered Block Chain Satellite Constellation -- Key Infrastructure for Web3.0 Ecosystem.* Dr. Wang Lei, CEO of AdaSpace, Chengdu, China. [Putonghua]

1:30 Zoom:

1. **Spacecraft Repairs:** 3D Printing in Space: *How aircraft repairs use using space technologies to print aircraft parts.* Example, Dr. Alexandru Tilita, President & CEO, 3DK Tech Limited. [Zoom from Mumbai]
2. **Space Food:** *"How Seaweeds grown in space and on earth will mitigate climate change?"* (Someone from the food or Space food industry). Mr. Vincent Ah-Chuen, Group Managing Director of ABC Group of Companies in Mauritius [Zoom from Mauritius]
3. **Space Tourism:** *Space Tourism Isn't Science Fiction Anymore.* Prof. Lisa Wan, Associate Professor of Tourism, CUHK [Confirmed]. [Zoom or Video from Macau.]
4. **Space Law, Mediation and Arbitration:** *"Launch Rockets, not Rocks at Your Space Partners."* Ms. Emmanuelle Ta, CEO. EBRAM. [Zoom]

Afternoon Parallel Sessions:

2:30: Welcome Back. Afternoon Thematic Parallel Session begins.

Session Topic A: Satellite Observations as the Sentinel for Climate Actions

Panel Moderator: Mr. Anson Bailey, Partner, Technology Sector, KPMG

- **Keynote:** Prof. CK Shum, Professor & Distinguished University Scholar, Division of Geodetic Science, School of Earth Sciences, The Ohio State University).

Panel Members:

- o Mr. Simon Lee, Director of Client Development in Fintech, PropTech & ArtTech, ASTRI
- o Prof. Ding Xiaoli, Chair Professor of Geomatics, PolyU.

Session Topic B: Putting Data Centres into Orbit, the Next Game-Changer?

Panel Moderator: Mr. Paul Ko, Council Member of OASA. Former Satellite Engineer

- Keynote: Dr. Stephen Cheung, OASA Chief Scientist. Former Adjunct Professor at HKU, Dept of Physics.

Panel Members:

- Prof. Meng Su, Deputy Director of Lab for Space Research, HKU.
- David Chew, Head of Satellite Mission and Systems Engineer, Malaysia.

Session Topic C: Smart City Coming of Age with NewSpace

Panel Moderator: Mr. Roy Chan, Vice Chairman of OASA

- **Keynote:** Rosana Wong, MH. Deputy Chairman of Yau Lee Holdings Ltd. Founder & President Prosit Philosophiae Foundation and Ophylla Ventures. Vice President of SCC.

Panel Members:

- Dr. Toa Charm (aka Mr. Data). President, Opencert Hub Academy.
- Mr. Chon-Kiat Lee. NTU Satellite Research Centre, Singapore.

Session topic D: Unreasonable Entrepreneurship

Panel Moderator: Dr. Renu Bhatia. Chair of the Listing Committee, Stock Exchange of Hong Kong. Council Member of OASA.

- **Keynote:** Prof. Po Chi Wu, former adjunct Professor, UC Berkeley. Advisor to SkyDeck, UC Berkeley's accelerator and incubator programme.

Panel Members:

- Mr. Paul Wang, Director, Techno-Entrepreneurship Core, HKU.
- Mr. Furuzonfar Zehni, Partner, Fresco.

3:30 Break

Closing Parallel Sessions:

4:00: International Parallel Zoom Sessions broadcast into each of the four rooms. Simultaneous translation provided by AI.

- a) **China Space:** *China's Rising Commercial Space Sector and Opportunities for Hong Kong.* Mr. Blaine Curcio, Senior Affiliate Consultant, Euroconsult (from New York).
- b) **Next Gen Participation:** *"The importance of the youth in the growth of the space sector for a city like Hong Kong"*, Hamza Hameed, Chair of the Space Generation Advisory Council (SGAC) in Singapore; and Senior Policy Manager at Access Partnership
- c) **Japan Space:** *"A tale of two cities: NewSpace in Tokyo and perspectives for Hong Kong"* Asia Pacific Oceania Space Association (APOSA). Board Member. Professor Max Berthet. University of Tokyo.
- d) **Middle East Space:** *"Catching Up to Smart Cities."* Space Agenda. Advisor. Dr. Aurelie Trur. Turkey.

4:35: Main Plenary. Closing Speech by Prof. Quentin Parker.
"Tomorrow's Talent Today - Do We Have the Right Stuff?"

5:00: Notes of Thanks by Conference Chair, Prof. Gregg Li

5:30: Conference Ends

6:00: Exhibition Ends