Space Exploration: Technology and Science

Research Centre for Deep Space Explorations (RCDSE)
Department of Land Surveying and Geo-Informatics (LSGI)
Venue: V1201, PolyU

14:00 – 14:10	**Welcoming Speech**
14:10 – 14:30	**The Search for Life on Mars** Prof. LI Yiliang Professor of Astrobiology, Department of Earth Sciences The University of Hong Kong
14:30 – 14:50	**Comet Activity of Comet 67P/Churyumov–Gerasimenko: Modeling and Analysis from Micro to Macro** Dr. Yuri SKOROV Scientist, Planetary Science Department Max Planck Institute for Solar System Research
14:50 – 15:10	**New Opportunities in Space Technology Driven by Commercial Spacecraft** Mr. ZHANG Xiaomin Chairman & General Manager Beijing AZSPACE Technology Company Limited
15:10 – 15:30	**Advanced 3D Mapping for Landing Site Analysis and Precise Landing** Prof. WU Bo Professor & Associate Director, Research Centre for Deep Space Explorations The Hong Kong Polytechnic University
15:30 – 15:45	**Tea Break**

15:45 – 16:00

Enabling the Smart Positioning for Hong Kong

Mr. Kenny CHAN
Senior Land Surveyor/Geodetic, Lands Department
The Government of the HKSAR

16:00 – 16:25

Positioning Indoors, Prospects and Challenges

Dr. CHEN Ruizhi
Professor, School of Data Sciences
The Chinese University of Hong Kong, Shenzhen

16:25 – 16:40

Global Collaboration for a Transformative Future in Aerospace Innovation

Dr. Yusra ABDULRAHMAN
Assistant Professor, Department of Aerospace Engineering
Lab Lead, Transformative Aerospace Lab
Khalifa University

16:40 – 16:55

Development and Prospect of the Hainan Satellite Data and Application Research Center

Ms. LI Yining
Senior Executive, General Management Department
Satellite Data and Application International Cooperation Center of China National Space administration

---

16:55 – 17:10

Resilient Ubiquitous Positioning: Prospective and Challenges

Prof. CHEN Wu
Head, Department of Land Surveying and Geo-Informatics,
Chair Professor, Satellite Navigation
The Hong Kong Polytechnic University
