

fTime	Programme
1 February 2018, Thursday	
8:00 am	Registration & Breakfast <i>Sponsored by Addvalue Technologies Ltd</i> <i>Guests to be seated by 8:45 am</i>
9:15 am	GSTC Opening Ceremony GSTC Opening Video
9:25 am	Welcome Remarks by Mr. Jonathan Hung President Singapore Space and Technology Association
9:30 am	Opening Address by Guest-of-Honour Mr. S Iswaran Minister for Trade and Industry (Industry)
9:40 am	Singapore Space Address by Mr. Ravinder Singh President Singapore Technologies Electronics Limited
9:55 am	Keynote Address by Thales Alenia Space by Mr. Hervé Hamy Vice President, Optical Observation and Science Thales Alenia Space
10:10 am	Coffee Break <i>Sponsored by Addvalue Technologies Ltd</i> VIP Exhibition Tour
10:30 am	Panel: Space Agencies Dialogue With <ol style="list-style-type: none"> 1. Indonesia: Dr. Thomas Djamaluddin, Administrator, National Aeronautics and Space Agency (LAPAN) 2. Israel: Prof. Chaim Eshed, Chairman, Space Committee, Israel National Council for R&D 3. Japan: Mr. Shizuo Yamamoto, Vice President, Japan Aerospace Exploration Agency (JAXA) 4. Malaysia: Dr. Noordin Ahmad, Director-General, Malaysian National Space Agency (Angkasa)

	<p>5. UAE: Eng. Salem Humaid Al Marri, Assistant Director General for Scientific and Technical Affairs, Mohammed bin Rashid Space Centre (MBRSC)</p> <p>6. Russia: Mr. Vitaliy O.Safonov, Deputy Director General, Glavkosmos</p> <p>7. India: Mr. Raghu Ravindran, Group Head-TDMG, VSSC, Indian Space Research Organisation (ISRO)</p> <p>Moderated by: Dr. Franco Ongaro, Director of Technology, Engineering and Quality, European Space Agency</p>
11:15 am	<p>Panel: Industry Chiefs Dialogue With</p> <ol style="list-style-type: none"> 1. Mr. Rob Postma, Head of Business Development and Sales Earth Observation, Navigation & Science (ENS), Airbus Defence and Space 2. Mr. Opher Doron, General Manager, Israel Aerospace Industries Ltd 3. Mr. Ryuta Suzuki, General Manager, Space System and Advanced Electronics Department, Mitsubishi Electric Asia Pte Ltd 4. Mr. Luis Gomes, Chief Technology Officer, Surrey Satellite Technologies Ltd 5. Mr. Patrick Mauté, Chief Technology Officer, Thales Alenia Space <p>Moderated by: Mr. Matt O Connell, Partner, Seraphim Capital</p>
12:00 pm	<p>Keynote Speech by Airbus Defence and Space by Mr. Rob Postma Head of Business Development and Sales Earth Observation, Navigation & Science (ENS) Airbus Defence and Spaces</p>
12:15 pm	<p>Lunch</p>
1:00 pm	<p>Presentation: Cyber Security for Space Elements by Ms. Esti Peshin General Manager, Cyber Division Israel Aerospace Industries Ltd</p>
1:20 pm	<p>Presentation: The Future of Unhackable Data by Dr. Alexander Ling Principal Investigator Centre for Quantum Technologies, National University of Singapore</p>
1:40 pm	<p>Presentation: Space Surveillance and Cyber Security by Mr. Serge Taride Business Development Thales Alenia Space</p>

2:00 pm	<p>Presentation: OneAtlas: Deeper Insights for Efficient Decisions by Mr. Hugues Pavie Head of Sales, Asia-Pacific, Intelligence Airbus Defense and Space</p>
2:20 pm	<p>Presentation: Future Vision of the Space Industry: LEO Constellations and Small Sats vs GEO by Mr. Alex da Silva Curiel Regional Head, Business Development Surrey Satellite Technologies</p>
2:40 pm	<p>Presentation: Capabilities and Perspectives by Dr. Oleg Grafodatskiy Doctor of Technical Sciences First Deputy Director General of Lavochkin Association</p>
3:00 pm	<p>Coffee Break <i>Sponsored by MDA Corporation</i></p>
3:15 pm	<p>Presentation: The GOMX-4 mission, Arctic Surveillance and the Building Blocks of Constellations by Mr. Sune Græsbøll Ottensen Regional Director, APAC GomSpace Asia</p>
3:35 pm	<p>Presentation: An Introduction to Harris' High Throughput Satellite Enabling Reflectors by Mr. Spence Wise Business Development Manager, Space Antennas Harris Corporation</p>
3:55 pm	<p>Presentation: Real time Data Communications for LEO Satellites by Mr. Tan Khai Pang Chief Operating and Technology Officer Addvalue Innovation Pte Ltd</p>
4:15 pm	<p>Presentation: Big Data Analytics, Satellites, and 1 Billion Cows by Dr. Thomas Snitch Chief Executive Officer Chipsafer</p>

4:35 pm	<p>Presentation: Realization of High Precision 3D Positioning Society Utilizing Quasi-Zenith Satellite System by Mr. Shuhei Kamiya Marketing Executive, Space Systems & Advanced Electronics Department Mitsubishi Electric Asia Pte Ltd</p>
4:55 pm	<p>Panel: Earth Observation and Ground Segment Capabilities for Modern Space Activities With</p> <ol style="list-style-type: none"> 1. Mr. Kwoh Leong Keong, Director, Centre for Remote Imaging, Sensing, and Processing, National University of Singapore 2. Mr. Christopher Richins, Chief Executive Officer and Co-Founder, RBC Signals 3. Mr. Serge Taride, Business Development Manager, Thales Alenia Space 4. Mr. Jean-François Gauche, Head of Business Innovation Space Systems, Airbus Defence and Space <p>Moderated by: Mr. Joerg Kreisel, Chief Executive Officer, JKIC</p>
5:40 pm	<p>Small Satellites and Space Weather Forecasting at the Satellite Research Centre at NTU by A/Prof. Amal Chandran, Associate Director, Satellite Research Centre, Nanyang Technological University (NTU)</p>
5:55 pm	<p>End of Day 1 <i>(Bus leaves for Dinner at 6:00 pm)</i></p>
6:30 pm	<p>GSTC 10th Year Dinner Reception @ St Regis Hotel</p>

2 February 2018, Friday	
8:15 am	Registration & Breakfast <i>Sponsored by ECM Space Technologies GmbH</i>
9:00 am	Day 2 Keynote Address by Dr. Goh Eng Lim Vice President Hewlett Packard Enterprise
9:15 am	Presentation: New Paradigm for using Data from Space by Mr. Luis Gomes Chief Technology Officer Surrey Satellite Technologies
9:35 am	Presentation: Satellites: Driving Commodity Investment Decisions by Mr. Pravin Chandrasekaran Chief Executive Officer and Founder OpalCrest
09:55 am (45 mins)	Panel: Smart Applications and Technology Innovation With <ol style="list-style-type: none"> 1. Mr. Nobu Okada, Chief Executive Officer and Founder, Astroscale Pte Ltd 2. Mr. Doron Shterman, Head of Engineering, ImageSat International 3. Mr. Luigi Cereolli, Solutions Marketing Observation Exploration Navigation Manager, Thales Alenia Space 4. Dr. Marco Villa, Chief Operating Officer, Tyvak Nano Satellite Systems, Inc. Moderated by: Mr. Tytus Michalski, Managing Partner, Fresco Capital
10:40 am	Coffee Break <i>Sponsored by RBC Signals</i>
11:00 am	Presentation: Defense and Intelligence in the WorldView Era by Mr. John Cartwright Vice President, Defense and Intelligence Programs DigitalGlobe
11:20 am	Panel: 3D Printing in the Space Business With <ol style="list-style-type: none"> 1. Ms. Celina Gratton, Project Manager, Additive Manufacturing Solutions – ASAM, Material and Supply Chain Services, Airbus Defence and Space, Airbus Defence and Space 2. Mr. Adam Gilmour, Chief Executive Officer, Gilmour Space Corporation

	<p>3. Dr. Franco Ongaro, Director of Engineering, Technology and Quality, European Space Agency</p> <p>4. Mr. Yoram Malka, Head of Mechanical Engineering Department, Israel Aerospace Industries</p> <p>Moderated by: Dr. Sc. Karthik Kumar, Head, Chemicals, Materials and Energy Cluster, Science & Engineering Research Council, Agency for Science, Technology and Research (A*STAR)</p>
12:05 pm	<p>Presentation: The QB70 Distributed Spacecraft Mission by Prof. Chaim Eshed Chairman, Space Committee Israel National Council for R&D</p>
12:25 pm	<p>Lunch <i>Sponsored by Spaceflight Industries</i></p>
1:15 pm	<p>Presentation: Arrow Satellite Family: A New Opportunity for Constellations by Mr. Jean-François Gauche Head of Business Innovation Space Systems Airbus Defence and Space</p>
1:30 pm	<p>Presentation: Norms and Standards to Enable Emerging Industry Segments: Satellite Servicing by Mr. Ian Christensen Project Manager Secure World Foundation</p>
1:50 pm	<p>Presentation: A New World Beyond Earth Orbit by Mr. Rahul Narayan Chief Executive Officer Axiom Research Labs Private Limited</p>
2:10 pm	<p>Space Launch Vehicle's Development in China by Dr. Wang Guoqing (王国庆) Vice President China Academy of Launch Vehicle Technology</p>
2:30 pm	<p>Panel: Emerging Launch Solutions and Competition With</p> <ol style="list-style-type: none"> 1. Mr. Serge Chartoire, Sales Director, Specific Orbits, Arianespace 2. Mr. Simon Gwozdz, Chief Executive Officer and Founder, Equatorial Space Industries 3. Mr. Yaroslav Eroshkin, Associate Director General, Launch Programs and Advanced Projects, Glavkosmos

	<p>4. Ms. Melissa Wuerl, Vice President, Business Development, Spaceflight Industries, Inc</p> <p>5. Ms. Monica Jan, Senior Director, Strategy and Customer Experience, Virgin Orbit</p> <p>6. Mr. Dmitriy Bogdanov, Chief Executive Officer and Founder, ECM Launch Services</p> <p>Moderated by: Mr. Joerg Kreisel, Chief Executive Officer, JKIC</p>
3:15 pm	<p>Presentation: Commercial Utilization for Low Earth Orbit: A New Way for Accessing Micro-Gravity Environment by Mr. Thomas Schrage Business Development Manager, Space Systems - On-Orbit Services and Exploration Airbus Defence and Space</p>
3:30 pm	<p>Presentation: USAFA Smallsat Program: Developments in University Capstone Engineering Design and Operations by Col. Martin E.B. France Professor and Head, Department of Astronautics United States Air Force Academy</p>
3:50 pm	<p>Coffee Break Sponsored by Secure World Foundation & Virgin Orbit</p>
4:00 pm	<p>End of Conference <i>(Guests are invited to attend the Singapore Space Challenge Awards Ceremony at Ballroom 3)</i></p>

*Conference programme & timing subject to changes
Updated on 31 Jan 2018*

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