

## SATELLITE TECHNOLOGY ASIA (SATTECH) 2009 CONFERENCE PROGRAMME

Singapore

Day 1, Wednesday, 18<sup>th</sup> February 2009

### Opening Ceremony

Guest of Honour – Mr Quek Tong Boon

Chief Defence Scientist / Chief Research & Technology Officer  
Defence Research & Technology Office, Ministry of Defence, Singapore

**VENUE: Raffles Hotel (The Ballroom)**

7.30 AM	<b>Registration and Coffee</b>
9:00 AM	Keynote Address – The Armed Forces Communications & Electronics Association - Rome Chapter, Brig.Gen. Antonio Tangorra, Chief of the 2 <sup>nd</sup> Department, (In Charge Of Navaid And Meteo Systems; Radar Systems; Test Ranges; Command And Control (C2) Systems; Navigation And Earth Observation Satellite Systems), TELEDIFE, Ministry of Defence, Italy
9:25 AM	Keynote Address – New Perspectives and Evolution of Space-based Observation Systems, Mr Massimo Di Lazzaro, Senior Vice President & General Manager, Business Unit Observation Systems and Radar, Thales Alenia Space
9:50 AM	Research and Applications in Remote Sensing, Mr Kwoh Leong Keong, Director, Centre for Remote Imaging, Sensing and Processing (CRISP)
10:15 AM	<b>Coffee Break</b>
<b>Satellite Launch &amp; Deployment Technologies</b>	
10:40 AM	Satellites – A Business Perspective, Catherine De Peuter, Senior Manager, Space and Telecommunications, Futron Corporation
11:05 AM	Arianespace Launch Vehicles Family to Support Future Scientific, Escape and Earth Observation Satellites Programs, Mr François Maroquene, Arianespace
11:30 AM	Launch Technologies for Reliable & Cost-Effective Access to Space, Ms Diana Kolova, Manager, Business Development, Yuzhnoye
11:55 AM	Commercial Satellite Deployment; case of SUPERBIRD 7, Mr Hiroyuki Inahata, Head of Space Business, Mitsubishi Electric Corporation
12:20 PM	Advanced Power Systems for Satellites, Mr David Reulier, Key Account Manager (S.E. Asia), SAFT
12:45 PM	<b>Lunch – Sponsored by Mitsubishi Electric Corporation</b>
<b>Satellite Applications</b>	
1:45 PM	Satellite-based infrastructure in Singapore, Dr Victor Khoo, Manager, Survey Services, Regulatory Division, Singapore Land Authority
2:10 PM	Airport Mapping Data Base, Mr Andy Stephenson, Senior Regional Sales Director, Asia, GeoEye
2:35 PM	The German Way to SAR-Lupe, A Very High Resolution SAR Reconnaissance System, Prof. Dr. Hans Martin Braun, Director, RST Raumfahrt Systemtechnik GmbH
3:00 PM	Imagery for Crisis Operations, Mr Brian Leslie, Director, Direct Access Program Sales, DigitalGlobe
3:25 PM	<b>Coffee Break</b>
<b>Earth Observation Satellite Constellations</b>	
3:40 PM	Inclined Orbit SAR Mission – Overview & Performance, Mr Francesco Passaretta, Thales Alenia Space
4:05 PM	A New Mixed EO-Satellite Constellation – A Private Initiative, Prof. Dr. Hans Martin Braun, Director, RST Raumfahrt Systemtechnik GmbH
4:30 PM	PLEIADES: A VHR Satellite Constellation For High Reactivity And Large Coverage, Mr Philippe Campenon, Asia Pacific Business Development Director, Spot Image
4:55 PM	A New Constellation of High Resolution Radar Satellites, Dr Ing Dieter Birreck, Director Programs, OHB-System AG, Germany
5:20 PM	<b>Adjourned for Networking Session</b>

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**Day 2, Thursday, 19<sup>th</sup> February 2009**

**Venue: Raffles Hotel (The Ballroom)**

7:30 AM	<b>Registration and Coffee</b>
8:35 AM	Keynote Address – Jonathan Kua, Director, New Business, Economic Development Board, Singapore
9:00 AM	Keynote Address - Space Technology Development of Vietnam, Dr. Doan Minh Chung, Deputy Director, Space Technology Institute (STI), Vietnam Academy of Science and Technology (VAST)
9:25 AM	Keynote Address – Implementing the European Space Policy: Recent Programmatic Decisions in Europe, Mr Alan Cooper, Director General's Policy Office, European Space Agency
9:50 AM	Scientific Mission to Space - The Automated Transfer Vehicle Programme, Mr Richard Bowles, Representative Director, Singapore Asean Office, Arianespace
10:15 AM	<b>Coffee Break</b>
	<b>Satellite Communication</b>
10:30 AM	Ka-band Multi-beam Active Phased Array Antenna for WINDS, Ms Sumire Takatsu, Electrical Engineer, Communications Systems Section, Space Systems Department, Mitsubishi Electric Corporation
10:55 AM	Broadband Satellite Communications On the Move, Mr Rajanik Mark Jayasuriya, VP/AGM iDirect Asia Pte Ltd, ST Electronics (Satcom & Sensor Systems) Pte Ltd
11:20 AM	The European Platform LUXOR for Small Communications Satellites, Dr Ing Dieter Birreck, Director Programs, OHB-System AG, Germany
11:45 PM	<b>Lunch Sponsored by Arianespace</b>
	<b>Commercial Satellite Business</b>
12:45 PM	<b>Panel Discussion on the following Topics</b>
1:10 PM	Asian Space Competitiveness: A Comparative Review of Commercial Space Capability
1:35 PM	Financial Space: Obtaining Financing and Financial Services in a Difficult Market
1:50 PM	The Commercialisation of Remote Sensing: Driving Value throughout the Chain
	International Business Opportunities: Competition vs. Partnership
2:15 PM	<b>Coffee Break</b>
	<b>Role of Satellites for National Defence &amp; Security</b>
2:40 PM	Case Study - Marine Broadband of Korea Coast Guard, Mr Mike Kim, Director, Satellite Communications Division, NanoTronix
3:05 PM	Building a Constellation of High Resolution Earth Imaging Satellites, Mr Jeff Culwell, Senior Director, Operations, DigitalGlobe
3:30 PM	Maritime Domain Awareness, Mr Andy Stephenson, Senior Regional Sales Director, Asia, GeoEye
3:55 PM	The Vision On "Dual Use" Of The AFCEA Rome Chapter, LTC Vagliani Attilio, Member, AFCEA Rome Chapter, TELEDIFE, Ministry Of Defence, Italy
4:20 PM	Military Payload Systems, Stephane Vesval, APSCC
4:45 PM	Broadband Military COTM , Ms Catherine de Peuter, Senior Manager, Space Division, Futron
5:10 PM	<b>Adjourned for Networking Session</b>

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KNOWLEDGE & INTEREST BASED SESSION\***

**Singapore**

**Day 3, Friday, 20<sup>th</sup> February 2009**

**Venue: Singapore Science Centre (Auditorium)**

9:00 AM	Welcome Address & Introduction by Mr. Jonathan Hung, President, Singapore Space & Technology Association
9:25 AM	Keynote Address
9: 50 AM	Atmospheric Ionization Monitoring Using Space-borne Ground Penetrating System, Mr Marzio Laurenti, International Business Development Director, Thales Alenia Space
10:15 AM	A New Mixed EO-Satellite Constellation – A Private Initiative, Prof. Dr. Hans Martin Braun, Director, RST Raumfahrt Systemtechnik GmbH
10:40 AM	<b>Intermission</b>
10:55 AM	Scientific Mission to Space - The Automated Transfer Vehicle Programme, Mr Richard Bowles, Representative Director, Singapore Asean Office, Arianespace
11:20 AM	Interactive Session with the Speakers
12:00 PM	View Displays
12:30 PM	<b>END of Session</b>

**\*This session is jointly organised by Defence Technology Conferences (DTC) & Singapore Space & Technology Association (SSTA) for the Youths in Singapore**