

The 6th UNISEC Global Meeting Program (Draft as of Nov 9)

Day 1 – November 19th (Monday)		
8:00 -9:00	Registration and Welcome Refreshments	
9:00-9:40	Opening Ceremony MC: Chris Welch – International Space University (ISU) Opening Speech <ul style="list-style-type: none"> - Juan de Dalmau – President of ISU - [Video] Simonetta Di Pippo, Director, United Nations Office for Outer Space Affairs. - Nicolas Matt, Vice-President of the Eurometropole de Strasbourg - Rei Kawashima, UNISEC-Global 	
9:40-10:40	Keynote Speech <div style="text-align: right;">Moderator: Chris Welch, ISU</div>	
9:40-10:10	CanSat and CubeSat History in Japan - How they started and contributed to education and technologies -	Shinichi Nakasuka, University of Tokyo
10:10-10:40	My evolution from ISU 3I to BIRDS Program, a Cross-Border Inter-University Collaboration on Space Research and Education	Mengu Cho, Kyushu Institute of Technology
10:40-11:00	Coffee/Tea Break	
11:00-12:00	Sponsor/Exhibitor Presentation <div style="text-align: right;">Moderator: Nobuyuki Kaya, WaveArrays, Inc.</div>	
11:00-11:15	Canon Electronics Inc.	Satch Hattori
11:15-11:25	Space BD Inc.	Makoto Kanazawa
11:25-11:35	ICE CUBES	Hilde Stenuit
11:35-11:45	UNISEC-Japan	
11:45-11:50	TSTI	[Video] Jerry Sellers
11:50-12:00	ISU	Chris Welch
12:00-13:00	Lunch	
13:00-15:10	The 5th Mission Idea Contest for Micro/Nano Satellite Utilization <div style="text-align: right;">Moderator: Tadadjeu Sokeng Ifriky, the University Space Centre of Montpellier</div>	
13:00-13:10	Overview of MIC5	Herman Steyn,

		Stellenbosch University
13:10-13:30	Smallsat Ionosphere Exploration at Several Times and Altitudes (SIESTA)	Duann Yi, National Central University, Kandi Anand Kaustubh, ISRO
13:30-13:50	Development of Microsatellite in Monitoring Initial Harmful Algae Bloom (HAB)	Aik Kwan Tan, University Sains Malaysia (USM)
13:50-14:10	HERON - An Open Source Microbiology Experiment Platform in Low Earth Orbit	Ali Haydaroglu, Xi Lan, Kimberly Ren, University of Toronto
14:10-14:30	HEMERA-Constellation of passive SAR-based micro-satellites for a Master/Slave configuration	Andrea Bellome, Giulia Broggi, Luca Colletini, Davide Di Ienno, Edoardo Fornari, University of Rome -La Sapienza
14:30-14:50	Mining Surveillance Application Using a CubeSat Constellation	Luke Hans van der Stokker, Francois Nicolaas Lombard, Stellenbosch University
14:50-15:10	Arid and Semi-Arid Lands Satellite (ASAL-SAT): A LoRa ground sensor network for easing life in Sub-Saharan Africa ASAL areas	[Video] Kiruki Cosmas, Kyushu Institute of Technology
15:10-15:30	Coffee/Tea Break	
15:30-16:20	MIC5 Poster Presentation	
15:30-15:45	In-Situ Measurement of Material Degradation in Space	James Xie, Queen's Space Engineering Team
15:45-16:00	In-Orbit Assembly of Cube Satellites with Novel Docking Techniques	Samuel Low and Parekh Shalv Amit, Singapore Space and Technology Association
16:00-16:15	Satellite laser tracking system for aquatic organisms	Yuki Kakushi, Kindai University
-----	Nile River Quality Monitoring	Anas Mohamed and Mariz Dief, Zewail City for Science and Technology
-----	South American Seismic Sensing Constellation	Sánchez Olivera Francisco Javier, Benítez Vargas Osvaldo, López Sánchez Sebastián, Ramírez Alcántara Moisés Instituto Politecnico Nacional
16:20-17:40	Local Chapter and Regional Report	

	Moderator : Taiwo Tejumora, ISU	
16:20-16:30	UNISEC-Bulgaria	Stoil Ivanov, Sofia University
16:30-16:40	UNISEC-India	Nikhil Riyaz, New Horizon College of Engineering
16:40-16:45	UNISEC-Bangladesh	[Video] Raihana Shams Islam Antara, BRAC University
16:45-16:50	UNISEC-Egypt	[Video] Ayman Kassem, Cairo University
16:50-17:00	Malaysia	Norilmi Amilia ismail, Universiti Sains Malaysia
17:00-17:10	Lebanon	Amin Haj-Ali, Lebanese International University
17:10-17:20	Luxemburg	Edder Jose Rabadan Santana, The University of Luxemburg
17:20-17:30	Singapore	Jonathan Hung, Singapore Space and Technology Association
17:30-18:00	MIC5 Award Ceremony and photo session MC: Shinichi Nakasuka, University of Tokyo	
18:30-20:30	Reception at Exhibition Hall of ISU MC: Mengu Cho, Kyushu Institute of Technology	

Day 2 – November 20th (Tuesday)		
8:00 -9:00 Registration and Welcome Refreshments		
9:00-10:00	Local Chapter Report Moderator: Edder Jose Rabadan Santana, The University of Luxemburg	
9:00-9:15	UNISEC-Turkey	Alim Rustem Aslan, Istanbul Technical University
9:15-9:30	UNISEC-SAR	Herman Steyn, University of Stellenbosch
9:30-9:45	UNISEC-Japan	Mengu Cho, Kyushu

		Institute of Technology
9:45-10:00	UNISEC-Italy	Fabio Santoni, Sapienza University of Rome
10:00-10:30	Coffee/Tea Break and Group Photo	
10:30-17:30	Group Discussion Session (break-out session) Moderator: Norilmi Amilia ismail, Universiti Sains Malaysia	
10:30-10:40	Group Discussion Overview	Rei Kawashima, UNIS EC-Global
10:40-10:45	Group 1: Commercialization of ISS - How to open up the ISS utilization to the private sectors	Ryuichi Sato, Space BD, Inc. (Assistant: Heloise Ver tadier)
10:45-10:50	Group 2: Open Source Virtual Satellite	Satoshi Ikari, The University of Tokyo (Katie Harris)
10:50-10:55	Group3: Follow up for BIRDS project	Mengu Cho, Kyushu Institute of Technology (Sarah Halpin)
10:55-11:00	Group 4: Global Antenna Sharing Project	Rustem Aslan, Istanbul Technical University (Adi Rahamiomff)
11:00-11:05	Group 5: Commercialization of the Small Satellite Imagery	Alice Pellegrino, Sapienza University of Rome (Abhishek Diggewadi)
11:05-11:10	Group 6: Global University Space Debris Observation Network (GUSDON)	Fabio Santoni, Sapienza University of Rome (Kaluthantrige Don)
11:10-11:15	Group 7: Standardization of Electrical interface for Pico/Nano Satellites	Oliver Ruf, Wurzburg University (Kuren M. Patel)
11:15-11:20	Group 8: Eco-system Development of HEPTA-Sat	Stoil Ivanov, Sofia University (Scott Ritter)

11:20-11:25	Group 9: Design and Implementation of a Space Mission Concept Database	Tadadjeu Sokeng Ifriky, the University Space Centre of Montpellier (Eoin Tuohy)
11:25-11:30	Group 10: Balancing Reliability and Cost; Towards Fostering Greater Mission Assurance for University CubeSats Projects	Taiwo Tejumola, ISU (Marc Joseph Abi-Fadel)
Group Lunch (Please follow assistants of each group)		
12:30-16:00	Group Discussion	
16:00-16:20	Coffee/Tea Break	
16:20-17:20	Group Discussion Final Presentations Moderator: Norilmi Amilia ismail, Universiti Sains Malaysia	
17:20-17:30	Group Discussion Remarks	
17:30-17:50	Acknowledgment of New Local Chapter MC: Alim Rustem Aslan, Istanbul Technical University	
17:50-18:50	ISU Facility Tour	
19:00-21:00	Gala Dinner at Exhibition Hall of ISU MC: Chris Welch, ISU	

Day 3 – November 21st (Wednesday)		
8:00-9:00	Registration and Welcome Refreshments	
9:00-10:00	Invited Presentation Moderator: Masahiro Nohmi, Shizuoka University	
9:00-9:30	Small Satellite debris mitigation guidelines - a community effort	Rene Laufer, Baylor University
9:30-10:00	ISU Hydra Space Station	Chris Welch, ISU

	Payloads	
10:00-10:20	Coffee/Tea Break	
10:20-12:00	Student Representative Presentations Moderator: Stoil Ivanov, Sofia University	
10:20-10:30	UNISEC-Bulgaria	Ivan Mihov, Sofia University
10:30-10:40	UNISEC-India	Nikhil Riyaz, New Horizon College of Engineering
10:40-10:50	UNISEC-Italy	Alice Pellegrino, Sapienza University of Rome
10:50-11:00	UNISEC-Japan	Nobuhiro Funabiki, University of Tokyo
11:00-11:10	UNISEC-SAR	Francois Nicolaas Lombard and Luke Hans van der Stokker, Stellenbosch University
11:10-11:20	Canada	Ali Haydaroglu and James Xie, University of Toronto
11:20-11:30	ISU	James Hurrell, ISU
11:30-11:40	UNISEC-Egypt	[Video] Shady Ammar Ahmed, Cairo University
11:40-11:50	Argentina	[Video] Talia Bessone, UTN-FRC
11:50-12:50	Lunch at Exhibition Hall of ISU	
12:50-14:05	Student Session (All participants are welcomed) Moderator: Alice Pellegrino “Gender Equality in the Space Field” Introduction (15 min), Guest Speech (30 min), Break-out Session (30 min)	
14:05-14:25	Coffee/Tea Break	
14:25-15:20	Student Session - Panel Discussion Moderator: Alice Pellegrino Panelist: Orr Cohen, ISU, Marc Abi-Fadel, ISU Norilmi Amilia ismail, Universiti Sains Malaysia,	

15:20-15:40	Closing Ceremony MC: TBD
	Sightseeing (optional) (TBD)

Note

- *Welcome Refreshments, Coffee/Tea, Lunch, and Reception during the Meeting are included in the registration fee.*
- *Information in this document is subject to change without notice.*
- *All presentation materials will be uploaded to UNISEC Global website.*
- *Photos and videos taken during the meetings may be uploaded to UNISEC Global website/facebook and used for other publications.*

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