

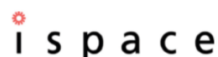
The 10th UNISEC-Global Meeting Program (ver12)



*If you want to go faster, go alone.
If you want to go further, go together.*

November 27-29, 2024

Protea Hotel Stellenbosch and Conference Centre,
Stellenbosch, South Africa



November 27th (The 10th UNISEC-Global Meeting Day 1) The 9th Mission Idea Contest Preliminary Workshop

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| 13:00-13:30 | Opening Ceremony Moderator: Alim Rustem Aslan, Istanbul Technical University Welcome Speech <ul style="list-style-type: none"> - Local Organizing Committee Chair: Arno Barnard, Stellenbosch University - UNISEC-Global Secretary General: Rei Kawashima, UNISEC-Global | |
| The 9th Mission Idea Contest Preliminary Workshop Moderator: Mohammed Khalil Ibrahim, EGYPT-JAPAN University of Science and Technology | | |
| 13:30-13:40 | PreMIC9 Opening Speech | Herman Steyn, Stellenbosch University |
| Finalist Presentation | | |
| 13:40-14:00 | Investigating the Effects of Cosmic Radiation on Human Cells in Lunar Orbit | Rafli Rizaldi, M. Alief Nurvian, Institut Teknologi Bandung, Indonesia |
| 14:00-14:20 | Lunar Ionosphere Characterization and GNSS Evaluation through Multi-Satellite Occultation (LIGEMO) | YiYu Chang, Yuhsiu Tien, National Central University, Taiwan |
| 14:20-14:40 | Lunar Surface Penetrating Radar mission (Lunar SPR) | Vicktoria Zlateva, Space Vision Ltd. Bulgaria |
| 14:40-15:00 | LUCAD(Lunar Cavity Detection) | Onwuama Ihunanya Chukwuweike, National Space Research and Development Agency, Nigeria |
| 15:00-15:30 | Break | |
| 15:30-15:50 | Supporting Company Presentation: | Ertan Umit and Takumi Date, ispace inc. |
| 15:50-16:40 | Panel Discussion for Lunar Mission Moderator: Max Berthet, University of Tokyo Panelists: PreMIC9 contributors | |
| 16:40-17:00 | Award Ceremony and Photo Session | |
| 17:00-18:00 | Break | |
| 18:00 | Departure for Gala Dinner | |
| 18:30-20:30 | Gala Dinner | |

The 9th Mission Idea Contest Sponsor and Collaborator

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November 28th The 10th UNISEC-Global Meeting (Day 2)

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|-------------|---|-------------------------|
| 8:00 -8:30 | | Registration |
| 8:30-9:00 | Keynote Speech: UNISEC History and Future Moderator: Mehmet Sevket Uludag , Delft University of Technology Presenter: Shinichi Nakasuka , the University of Tokyo | |
| 9:00-10:00 | Nano-Satellite Constellation Workshop (1) Moderator: Shinichi Nakasuka , University of Tokyo, Japan Contributor: Takayoshi Fukuyo , ArkEdge Space Inc., Japan | |
| 10:00-10:30 | | Coffee/Tea Break |
| 10:30-12:00 | Panel Discussion: How can African universities join the mission of Lunar and Beyond? Moderator: Max Berthet , University of Tokyo Panelist: Ertan Umit , ispace. Inc. Ryu Funase , University of Tokyo Arno Barnard , Stellenbosch University Mohammed Khalil Ibrahim , EGYPT-JAPAN University of Science and Technology | |
| 12:00-13:00 | | Lunch Break |
| 13:00-14:30 | Student Session Moderator: Tomoki Mochizuki , University of Tokyo and TBD , Stellenbosch University Presenter (students): Ten Arai , University of Tokyo, Japan Sa'ad Badat , Stellenbosch University, South Africa YiYu Chang , National Central University, Taiwan Rafli Rizaldi , Institut Teknologi Bandung, Indonesia Nagisa Sone , Nihon University, Japan TBD , Cape Peninsula University of Technology (CPUT), South Africa And others | |
| 14:30-15:00 | | Coffee/Tea Break |
| 15:00-16:30 | Industry Visit ANSYS STK Workshop | |
| 18:00-21:00 | | Student Party |

Industry Visit and Workshop Collaborators



November 29th The 10th UNISEC-Global Meeting (Day 3)

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| 8:00-8:30 | Registration | |
| 8:30-9:00 | Nano-Satellite Constellation Workshop (2) Moderator: Shinichi Nakasuka, University of Tokyo Contributor: Takayoshi Fukuyo, ArkEdge Space Inc., Japan | |
| 9:00-12:00 | UNISEC-Global Local Chapter Regional Report Moderator: Richard Long | |
| 9:00-9:15 | UNISEC-Bulgaria | Vicktoria Zlateva, Space Vision Ltd. |
| 9:15-9:30 | UNISEC-Egypt | Mohammed Khalil Ibrahim, EGYPT-JAPAN University of Science and Technology |
| 9:30-9:45 | UNISEC-Japan | Masahiko Yamazaki, Nihon University |
| 9:45-10:00 | UNISEC-SAR | Willem Jordaan, Stellenbosch University |
| 10:00-10:30 | Coffee/Tea Break | |
| 10:30-10:45 | UNISEC-Turkiye | Alim Rustem Aslan, Istanbul Technical University |
| 10:45-11:00 | POC of Netherlands | Mehmet Sevket Uludag, Delft University of Technology |
| 11:00-11:40 | Q&A and Discussion - How to sustain the activities? - How to solve financial issues? - How to manage multiple universities? | |
| 11:40-12:00 | New Local Chapter Acknowledgement - UNISEC-Tanzania | Rei Kawashima and Haruka Yasuda, UNISEC-Global |
| 12:00-13:00 | Lunch Break | |
| 13:00-14:15 | Special Session: Future of UNISEC - How can the UNISEC community be grown? Moderator and Panelists: TBD | |
| 14:15-14:30 | Closing Ceremony Moderator: Arno Barnard, Stellenbosch University | |
| 14:30-15:00 | Coffee/Tea Break | |
| 15:00-16:30 | Industry Visit ANSYS STK Workshop | |

Note

- Information in this document is subject to change without notice.
- Photos and videos taken during the meetings will be uploaded to UNISEC-Global website/SNS and used for other publications.