UN-IAF Workshop Programme version 29 September

SATURDAY

9:00-10:00 *Registration and coffee, NEST Convention Centre, ground floor, in front of room G3*

10:00-10:15 **Opening**
Aarti Holla-Maini (UNOOSA Director) and Gabriella Arrigo (IAF President)

10:15 - 10:35 **Setting the scene**
Christian Feichtinger (IAF), Fatih Dulkan (TUA) and Driss El Hadani (UNOOSA)

10:35 - 10:40 **Group photo**

10:40 -11:40 **Session 1: Impact of space activities on key economic sectors**
Chair: Matias Campos, Astralintu (Ecuador) and IAF ACCESS committee
Mustapha Iderawumi, Space in Africa (Nigeria): "Learning from the Pioneers"
Ioana-Maria Petrescu, European Space Policy Institute (Romania): "Space-based property taxation"
Nandi Mtethwa, RIIS (South Africa): "From space data to flood resilience"
Hamdi Demir, Türksat (Türkiye): "The socio-economic value of satellite communications"
Ahmad Soleymani, Iranian Space Research Center (Iran): "Unlocking space economy opportunities in Iran"

11:40 - 11:50 **Pitch 1: space applications and key economic sectors**
La-Quita George (Trinidad and Tobago): "Bridging space and seas: harnessing Earth Observation technologies for sustainable fisheries"
Nebile Pelin Mantı (Türkiye): "AI-driven cyber architectures in cislunar space"

11:50 - 12:50 **Panel 1: the transformative value of space applications in developing countries**
Moderator: Driss El Hadani (UNOOSA)
with Hawa Abdulai (Nigeria), Fama Jallow (Gambia), Sardorjon Sodikjonov (Uzbekistan) and Eleonora Lombardi (Italy)

12:50 - 13:00 **Networking tables: introduction of moderators**

13:00 - 13:45 *LUNCH BREAK*

13:45 - 14:15 **Networking [1st round] in Rooms G1 and G2**

14:15 - 15:00 **Session 2: starting from scratch: country pathways, practical experiences and lessons learned**
Chair: Ian Grosner, Brazilian Space Agency (Brazil)
Bibi Sara Karimullah, Asian University for Women (Bangladesh): "From dreams to space"
Belén Bustamante, Sideralis Foundation (Ecuador): "From start-up to ecosystem"
Ankit Khanal, University of Luxembourg (Nepal):" Grassroots space innovation for socio-economic resilience"

15:00 - 16:00 **Panel 2: the role of cubesats projects in building capacity**
Moderator: Craig Burkhard, NASA (USA)
with Leila Nahiri (Morocco), Firas Jarrar (Jordan), Jose Martinez Munguia (El Salvador) and Zamba Leonel Bakeapai (South Sudan)

16:00 - 16:10 **Pitch 2: cubesats projects as a step to build capacity**
Franco Morales Albarracin (Bolivia): "CubeSat projects to build capacity"
Eden Habteslasie (Ethiopia): "CubeSats as a step to build capacity"

16:10 - 16:40 *COFFEE BREAK*

16:40 - 16:55 **Pitch 3: education opportunities**
Timothy Kuhamba (Zimbabwe): "An AI-powered accessible space education platform for Africa"
Chidera Ikeh (Nigeria): "Nigeria's space education gap"
Jeanne Holm (USA): "Impact of Space Data and Applications in New Regions"

16:55 - 17:55 **Panel 3: civil society, education and inclusive development**
Moderator: Andrew Marchetti (UNOOSA)
with Ana María Segura Paz (Colombia), Ira Sharma (Nepal), Martina Elia Vitoloni (Argentina), Fiorella Arias Bonilla (Costa Rica) and Farhan Asrar (Canada)

17:55 - 18:00 **Information for Sunday**

18:00 - 19:00 *RECEPTION, NEST Convention Centre, first floor, Cafeteria A-B-C Foyer Left*

SUNDAY

9:00-9:30 *[Registration] Welcome coffee*

9:30-10:00 **Networking [2nd round] in Rooms G1 and G2**

10:00 - 11:00 **Panel 4: identifying practical pathways to scale up within emerging nations**
Moderator: Nathalie Ricard (UNOOSA)
with Zahra Imanova (Azerbaijan), Victor Ribeiro Baptista (Brazil), Paragjyoti Garg (India), Žaklin Butinar (Slovenia) and Philip Thomas (ESA, UK)

11:00 - 11:20 **Pitch 4: ecosystem development**
Yankho Likaku (Malawi): "Space ecosystem development toolkit"
Esteban Fretes (Paraguay): "GuaraniSat-2 as a catalyst for socio-economic development in Paraguay"
Nazmelis Zengin (Türkiye): "Space agencies as ecosystem builders"
Rani Mesele (Ethiopia): "Building Africa's space future"

11:20 - 12:30 **Session 3: cooperation as capacity-building and ecosystem development tool**
Chair: Ayhan Incirci, APSCO and TUA (Türkiye) and IAF CLIODN committee
Masanori Muto, Mitsubishi Research Institute (Japan): "Designing cross-border space ecosystems for sustainable growth and resilience"
Rodion Immel, International Organization of Space Communications Intersputnik (Russian Federation): "Youth far beyond borders"
Abdelrahman Elshorbge, Egyptian Space Agency (Egypt): "Strengthening Africa's participation in the space economy through ISS-based climate monitoring"
Paripat Pairat, GISTDA (Thailand): "Leveraging international cooperation to build space capability"
Beza Zewdie, Panafric Space Technologies (Ethiopia): "The political economy of space in Ethiopia"

12:30 - 12:40 **Pitch 5: cooperation**
Tejpaul Bhatia (USA): "Market infrastructure for the space economy"
Miqdad Mehdi (Pakistan): "China-Pakistan space cooperation"

12:40 - 13:00 **Keynote speech**
Huadong Guo, International Research Center of Big Data for Sustainable Development Goals (China)

13:00 - 13:45 *LUNCH BREAK*

13:45 - 14:15 **Networking [last round] in Rooms G1 and G2**

14:15 - 14:30 **Pitch 6: regulation as incentive**
Gaia Baroni (Italy): "The role of taxation in the space economy"
Bengisu Türkmen (Türkiye): "LEO market concentration: competition and orbital congestion"
Farah Diya Yasmine (Indonesia): "The implication of the hierarchy of law towards national space missions"

14:30 - 15:15 **Session 4: national strategies**
Chair: Marlene Losier, Losier & González PLLC (USA) and IAF CLIODN committee
Mosebetsi Khobotlo, Access Partnership (Lesotho): "Regulatory infrastructure"
Smita Francis, Namibia University of Science and Technology (Namibia): "From classroom to cosmos"
James Murray, Civil Aviation Agency and University of the Bahamas (Ireland/Bahamas): "From island nation to space nation"

15:15 - 15:45 *COFFEE BREAK*

15:45 - 16:45 **Panel 5: national strategies, policy frameworks and enabling conditions**
Moderator: Driss El Hadani (UNOOSA)
with Dania González Rauda (El Salvador), Bilge Demirkoz (Türkiye), Ute Reisinger (World Bank/Austria) and Anh Tuan Pham (Viet Nam)

16:45 - 17:00 **Feedback from participants**

17:00 - 17:15 **Closing**
Yusuf Kirac (IAF), Piotr Zabadala (Poland) and Driss El Hadani (UNOOSA)

17:15 *END OF WORKSHOP*