

ALC 2019 FINAL PROGRAMME
The 8th African Leadership Conference
on Space Science and Technology for Sustainable Development(ALC)
'Prospects and Challenges of African Space Development'

2 - 4 December 2019

United Nation Economic Commission for Africa, UN-ECA Hall

Addis Ababa, Ethiopia

Website: <http://ASLC.essti.gov.et>

Day1: 02 Dec 2019(Monday)		
Time	Theme	Speaker
Day One - Morning		
08:30 - 09:00	Registration	
08:00 - 09:00	ALC Business Meeting	
09:00-10:30	Opening Session	
	Master of Ceremony Calls the Conference to Order	Prof. Gezagh YIRGU
	Welcome Address by the ALC 2019/LOC Chairman	Alemiye MAMO
	Welcome Address by ALC Chairman	Dr. Francis CHIZEA
	IPC Presentation/Introduction of ALC 2019 Programme	Dr. Adigun Ade ABIODUN
	Goodwill messages (Max. of 5 minutes, each): <ol style="list-style-type: none"> 1. AUC 2. UN-OOSA 3. Secure World Foundation 4. A Representative of the ALC-Youth Forum 5. A Representative of WIA-A 	 <ol style="list-style-type: none"> 1. Dr. Mahama OUEDRAOGO/Prof.Sarah Anyang AGBOR 2. Dr. Simonetta Di PIPPO 3. Dr. Peter MARTINEZ 4. Etim OFFIONG 5. Iroka Chidinma Joy
	Welcome Address by the Director General of ESSTI	Dr. Solomon Belay TESSEMA
	Keynote Address: The ALC in Africa's Space Future	Dr. Peter MARTINEZ & Dr. Val MUNSAMI
	Opening Address and the Declaration of the Opening of the Congress	Hon. Minister Dr.Ing. Getahun Mekuria, Ministry of innovation and Technology(MinT)

	ALC2019 Group Photo, Official Opening of Exhibition & Health Break		
10:30 -11:00			
11:00 – 12:30	Session 1 - Policy and Law Chair: Ade ABIODUN, ASF		
	Paper	Speaker	Speaker's Details
	<i>Paper 1:</i> African Space Policy and Strategy	Dr. Val MUNSAMI (PPD)¹ Dr. Bachir Saley (PD)	CEO, SANSa, South Africa AUC, Ethiopia
	<i>Paper2:</i> African Space Policy and Strategy – Implementation Phase: Regulatory considerations and policy drivers	Meshack NDIRITU(PPD)	Space Applications Training Officer, AUC, Ethiopia
	<i>Paper 3:</i> Building Capacity in Space Law in Africa	1. Dr. Tare BRISIBE (PPD) 2. Dr. Ali SADEK(PD)²	1. SES, Luxemburg (Diaspora) 2. Consultant, Egyptian Space Agency
12:30 -13:30	Lunch Break		

¹PPD – Presenter and Panel Discussant

² PD - Panel Discussant

13:30 - 15:00	Session 2- Governance Chair: Pontsho MARUPING,SARAO		
	<i>Paper 1:</i> Leadership (informed) with responsibility for Management Oversight, Monitoring and Evaluation	1. Karim HOUARI (PPD) 2. Dr. Getahun MEKURIA (PD)	Director, International Cooperation, ASL, Algeria 2. Minister, Ministry of Innovation & Technology, Ethiopia
	<i>Paper 2:</i> Establishing agenda that are relevant to and impact Africa’s development and growth.	Ms. Anne Uruegi AGI³(PPD)	Snr. Lecturer, Faculty of Law, University of Calabar, Calabar, Nigeria
	<i>Paper 3:</i> Resourcing for a continental space programme	1. Engr. Hussein MASSOUD(PPD) 2. Dr. Mahama OUEDRAOGO⁴(PPD)	1. Ex Minister of Civil Aviation, Egypt 2. Director, HRST, AUC, Ethiopia
15:00-15:15	Health Break		

³This is an important point, especially if we want to ensure inclusivity of our youth and women in setting this Agenda. Moreover, the youth and women are future owners of this Agenda. Thus, they should be involved in its articulation. I would suggest that we offer the ALC-YF and WIA-A the opportunity to co-lead the development of this paper, where the rest of us (ALC & AUC) could work with them in providing our inputs.

⁴As a partner in the governance mechanism for the African Space Agency/Programme, this is AUC’s opportunity to articulate its position on this critical subject.

	Session 3 - Thematic Programmes and Applications Chair: Nana Ama-Browne KLUTSE, UNIV. OF GHANA		
15:30 - 17:30			
	<i>Paper 1.</i> Digital Earth Africa: the Waters of Africa, a continental product	Andiswa MLISA (PPD)	Managing Director, Earth Observation, SANSA, South Africa
	<i>Paper 2:</i> Space in the Recovery and Management of Lake Chad	1. Muhammed BILA (PPD)	1. Director, Lake Chad Basin Commission, Chad Republic
	<i>Paper 3:</i> Unlocking the Application of Space Technologies in Litigation in Africa	Ms. Vivianne META (PPD)	Geomatics Lead, LocateIT, Kenya
	<i>Paper 4:</i> Use of space-based technologies in disaster management in Africa	Radu BOTEZ (PPD)	Associate Information and Outreach Office, UN-SPIDER, Bonn Office
18:30 - 20:30	Dinner Reception @ Capital Hotel Sponsored by Ministry of Innovation and Technology (MinT)		

Day2: 03 Dec 2019 (Tuesday)

08:30 – 09:30	ALC Business Meeting	ALC-YF-Business Meeting	WIA-A Business Meeting
09:30 – 11:00	<p>Session 4 - Human Capital Chair: André NONGUIERMA, UNECA</p>		
	<i>Paper 1.</i> Building Africa’s future work force in the space field, including R&D etc.	Prof. Afework KASSU(PPD)	State Minister, Ministry of Science & Higher Education, Ethiopia
	<i>Paper 2:</i> Developing competences in Big Data Analytics – An imperative for Africa’s space future	1. Driss El HADANI (PPD) 2. Andiswamlisa (PPD- Back-Up)	1. Director General, Centre Royal de Télédétection Spatiale (CRTS),Morocco 2. Managing Director, Earth Observation, SANSA, South Africa
	<i>Paper 3;</i> STEM Education at the Primary and Secondary School levels as well as in the first 2-years of Tertiary Education – with a Focus on Youth and Women capacity development.	Dr. Telaye GETE (PPD)	Minister, Ministry of Education, Ethiopia
	<i>Paper 4:</i> Role of the Pan African University Space Science Institute, including Outreach and Space Awareness at the Continental level	Humbulani MUDAU (PPD)	Chief Director, Department Science &Innovation, South Africa
11:00-11:15	Health break		

11:15 – 12:30	Session 5		
	Industry Development Chair: Vivianne META, LocateIT Ltd		ALC Youth Forum: Presentations and Panel Discussions
	<i>Paper 1:</i> African Critical Space Infrastructure	Dr. Sias MOSTERT CEO, Space Commercial Services (SCS), RSA (PPD)	<i>Paper 1:</i> The African Space Policy and opportunities for the youth;
	<i>Paper 2:</i> Public-private partnerships in the Building and Nurturing of Space in Africa	Ms. Jessie NDABA CEO, Astrofica Technologies, RSA (PPD)	<i>Paper 2:</i> The basic fundamental principles for the youth strategy; implementation;
	<i>Paper3:</i> Communications and Telecommunication Services in Africa	Mr. Balcha REBA DG, Ethiopian Communications Authority (ECA)(PPD)	<i>Paper 3:</i> Critical components of the youth strategy and its
			<i>Paper 4:</i> Creating and strengthening collaborative initiatives and networks (After Intermission)
12:30 – 13:30	Lunch Break		

13:30 – 15:00	Session 6(a) Collaboration and Partnerships <i>(Continental and Sub-Regional Cooperation on Space developments)</i> Chair: Dr. Ali SADEK, Egyptian Space Agency		
	<i>Paper 1:</i> Africa in the satellite navigation regime	Eugene AVENANT(PPD) Chief Engineer, SANSA, RSA Semou DIOF (PD) Director, EGNOS-Africa, Dakar, Senegal	
	<i>Paper 2:</i> Africa in the global space arena	Dr. PeterMARTINEZ(PPD) Executive Director, Secure World Foundation	
	<i>Paper 3:</i> Space in Building a Culture of Peace in Africa	1. Dr. Adigun Ade ABIODUN, African Space Foundation (PPD) 2. H.E. Tefera WALWA (PD) ESSS, Ethiopia	
	<i>Paper 4:</i> SADC Space Strategy	Dr.Val MUNSAMI, CEO, SANSA, South Africa	
Health Break			
15:00-15:15	Session 6(b)- Collaboration and Partnerships (Contd.) <i>(Continental and Sub-Regional Cooperation on Space developments)</i> Chair: Dr Mirjana Povic, ESSTI		
15:15-17:00	<i>Paper 1:</i> An urgent African pursuit – Knowledge Development, Understanding and Use of the Equatorial Plane for Africa’s interest	1. Prof. Olivier OBROU & 2. Prof. Babatunde RABIU	1. University Felix Houphuet-Boigny, Cote d’Ivoire & 2. Federal University of Technology, Akure, Nigeria

	<i>Paper 2:</i> Up-date on African Resource Management Constellation(ARMC)	Dr. Val MUNSAMI	CEO, SANSA, South Africa
	<i>Paper 3:</i> Up-date on the Square Kilometer Array (SKA) Project	Ms. Pontsho MARUPING	Head, Commercialization, SARAO, South Africa
	<i>Paper 4:</i> Astronomy and Space for Development	Ramasamy Venugopal	Office of Astronomy for Development OAD/RSA
17:00	End of Day		

Day 3: 04 Dec 2019 (Wednesday)			
08:00 – 08:45	ALC Business Meeting	ALC-YF Events	WIA-A Events
09:00 – 10:00	Session 7 (a) Most Recent National Space Development Activities Chair Peter MARTINEZ, SWF		
	Papers	Speaker	Speaker's details
	<i>Paper 1:</i> ESSTI'S Space science and astronomy activities in support of Sustainable Development in Ethiopia	Dr. Solomon BELAY	Director General, ESSTI, Ethiopia
	<i>Paper 2:</i> Current status and future aspects of Astronomy in Kenya	Prof. Paul BAKI	Prof. of Astronomy, Technical University of Kenya, Nairobi, Kenya
	<i>Paper 3:</i> Astronomy vision of South Africa	Carla Sharpe	Africa Programme Manager, SARAO, South Africa

	<i>Paper 4:</i> Most recent national space development activities of Algeria	Karim HOUARI	Director, International Cooperation, Agence Spatiale Algérienne (ASAL), Algeria
10:00 -10:30	Health Break		
10:30 – 11:30	Session 7 (b) Most Recent National Space Development Activities Chair: Solomon TESSEMA / Mr. Getachew Wollel, ESSTI		
	Japan-African cooperation in Cubsat Development and Launch		
	<i>Paper 1:</i> Status and impact in Egypt	Dr. Ayman MAHMOUD	System Engineer, Egyptian Space Agency
	<i>Paper 2:</i> Status and impact in Ghana	Dr. Nana Ama Browne KLUTSE	University of Ghana, Accra
	<i>Paper 3:</i> Status and impact in Nigeria	Dr. Francis Chizea	NASRDA, Nigeria
	<i>Paper 4:</i> Morocco's recent achievements under the national space programme	Driss El-HADANI	DG, CRTS, Rabat, Morocco
11:30 – 12:00	Consolidation of ALC 2019 Conference Reports by Chairpersons and Rapporteurs		
12:00 – 13:00	Lunch Break		
13:00 – 14:30	Session 8 - Discussion of ALC 2019 Reports Chair: ALC & IPC Chairpersons		
14:30 – 14:45	Health Break		

14:45 - 16:30	Session 9 - Discussion of ALC 2019 and Concluding Remarks Chair: ALC & IPC Chairpersons	
16:30 - 18:30	Networking	
18:30-20:30	Closing Dinner	
ALC-YF Programame		
Time	Day1 (02 Dec 2019)	Youth panel topics
08:00 – 09:00	ALC-YF Business meeting	Paper 1: The African Space Policy and opportunities for the youth
	Day 2 (03 Dec 2019)	Paper 2: The basic fundamental principles for the youth strategy; implementation
08:00 – 09:30	ALC-YF Business Meeting (mentoring session)	Paper 3: Critical components of the youth strategy and its
11:00 – 11:20	Youth Poster Session	Paper 4: Creating and strengthening collaborative initiatives and networks
11:20 – 12:20	Youth Panel (parallel session)	
	Day 3 (04 Dec 2019)	
08:00 – 08:45	ALC-YF Business Meeting	
09:00 – 10:30	Youth presentations (parallel session)	