

ALC2007 PROGRAMME AT A GLANCE & INDEX TO SESSIONS

Day 1	Tuesday 2 October 2007		
08:00 – 09:00	Arrival and registration of delegates <i>Foyer</i>		
09:00 – 09:15	Welcome and Opening <i>Diamond Auditorium</i> (page 2)		
09:15 – 13:00	Session 1 The role of space in Africa's development <i>Diamond Auditorium</i>		
13:00 – 14:00	Lunch <i>Amber Dining Room</i>		
14:00 – 17:20	Session 2.1 Earth observation for supporting Africa's development <i>Diamond Audit.</i> (page 3)	Session 2.2 Capacity building in space law and space policy <i>Amethyst I&II</i> (page 4)	Session 2.3 Coordination of space- based disaster management support in Africa <i>Emerald</i> (page 5)
17:30 – 18:30	Welcome reception hosted by the Department of Trade and Industry <i>Amber Dining Room</i>		

Day 2	Wednesday 3 October 2007		
09:00 – 13:00	Session 3 Astronomy and space science initiatives in Africa <i>Diamond Auditorium</i> (page 6)		
13:00 – 14:00	Lunch <i>Amber Dining Room</i>		
14:00 – 17:00	Session 4.1 Cooperation in the ARM framework <i>Diamond Audit.</i> (page 7)	Session 4.2 Applications of GNSS in Africa <i>Amethyst I&II</i> (page 8)	Session 4.3 Commercial applications of space science & technology in Africa <i>Emerald</i> (page 9)
18:30 – 22:00	Dinner hosted by the Department of Science and Technology <i>Mokha Restaurant, at the Botanical Gardens</i>		

Day 3	Thursday 4 October 2007		
09:00 – 10:30	Session 5 Summary, observations and recommendations <i>Diamond Auditorium</i> (page 10)		
11:00 – 13:00	Session 6 Strengthening Africa's participation in global space fora <i>Diamond Auditorium</i> (page 10)		
	Session 7 Closing session <i>Diamond Auditorium</i> (page 10)		
13:00 – 14:00	Lunch <i>Amber Dining Room</i>		

Day 4	Friday 5 October 2007		
08:00 – 17:30	Site visits to CSIR Satellite Applications Centre, Hartebeesthoek Radio Astronomy Observatory and Maropeng <i>Bus departs from and returns to CSIR Convention Centre</i> (page 11)		

Day 1	Tuesday 2 October 2007	Morning
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Welcome and Opening		Plenary Session Venue: Diamond Auditorium
08:00 – 09:00	Arrival and registration of delegates	Foyer
08:45 – 09:00	Delegates take up their places	
09:00 – 09:05	Welcome by Mr Dhesigen Naidoo, Group Executive for International Cooperation and Resources, DST	
09:05 – 09:15	Official Opening by the Hon Mr M. Mangena, Minister of Science & Technology, Republic of South Africa	

Session 1: The role of space in Africa's development		Plenary Session Venue: Diamond Auditorium
		Session chair: D: Naidoo Rapporteur: A. Alale
09:15 – 09:30	Review and outcome of the 1st African Leadership Conference held at Abuja, Nigeria from 23rd - 25th November, 2005	J.O. Akinyede
09:30 – 10:00	The role of space science and technology in Africa's development initiatives	A.A. Alale
10:00 – 10:30	Future trends in the global space arena – challenges and opportunities for Africa	A. Abiodun
10:30 – 11:00	Coffee break	
11:00 – 11:20	Space activities in Algeria	N. Haned
11:20 – 11:40	Implementation of the Nigerian space programme	R. Boroffice
11:40 – 12:00	Space science and technology in Zambia: recent developments	P. Sibanda
12:00 – 12:20	An overview of space science and technology in South Africa	P. Martinez
12:20 – 12:40	Activities of the UN African Regional Centre for Space Science and Technology Education in English	O. Jegede
12:40 – 13:00	The case for an African Space Agency	K. Gottschalk

13:00 – 14:00	Lunch	Venue: Amber Dining Room
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Day 1	Tuesday 2 October 2007	Afternoon
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Session 2.1: Earth observation for supporting Africa's development		Parallel Session
		Venue: Diamond Auditorium
		Session chair: A. Abiodun Rapporteur: A. Fortescue
14:00 – 14:20	Earth observation is support of government policy	A. Fortescue
14:20 – 14:50	The NigeriaSat-2 Project: Providing a platform for advanced remote sensing in Africa	F. Chizea
14:50 – 15:10	Assessing and quantitatively understanding organisational capabilities in Earth observation: A case study of the CSIR	D. Pillay
15:10 – 15:30	Towards interoperability: The Web Sensor approach in GEO and CEOS	T van Zyl
15:30 – 16:00	Coffee break	
16:00 – 16:20	Africa and the Kyoto Protocol on climate change.	J.F. Olorunfemi
16:20 – 16:40	Satellite air quality monitoring in southern Africa and beyond	T.E. Fischer
16:40 -17:00	Using Earth observation for challenges facing monitoring environmental remediation of derelict mines in South Africa	B. Petja
17:00 – 17:20	Development of the Group on Earth Observations (GEO) Task AG-06-07	J. Owaro

17:30 – 18:30	Welcome reception hosted by the Department of Trade and Industry	Venue: Amber Dining Room
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Day 1	Tuesday 2 October 2007	Afternoon
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Session 2.2: Capacity building in space law and space policy		Parallel Session
		Venue: Amethyst I&II
		Session chair: J. Schneeberger Rapporteur: W. Momoh
14:00 – 14:20	Overview of the implementation status of the five United Nations (UN) Treaties on Outer Space in African countries	JA van Wyk
14:20 – 14:40	Legal and policy issues in cooperation in space activities	M. Hegazy
14:40 – 15:00	Capacity building in space law	J. Schneeberger
15:00 – 15:20	An overview of Nigerian space activities and space law	W. Momoh
15:20 – 15:40	The policy and regulatory framework governing space activities in South Africa	N Majaja
15:40 – 16:10	Coffee break	
16:10 – 17:00	Discussion and identification of possible follow-up projects in space policy and space law.	
17:00 – 17:20	Summary by rapporteur	

17:30 – 18:30	Welcome reception hosted by the Department of Trade and Industry	Venue: Amber Dining Room
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Day 1	Tuesday 2 October 2007	Afternoon
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Session 2.3: Coordination of space-based disaster management support in Africa		Parallel Session Venue: Emerald
		Session chair: J. Akinyede Rapporteur: A. Halilu
14:00 – 14:30	Global efforts and African regional challenges in space-based disaster management reduction:	C.A. Agbo
14:30 – 14:50	Using space technologies in management of natural disasters in Algeria	N. Rachedi
14:50 – 15:10	Space-based disaster management in South Africa	A. Fortescue
15:10 – 15:30	Revisit of Lake Nyos: A need for collaboration	Y. Anifowose
15:30 – 16:00	Coffee break	
16:00 – 17:00	Discussion and identification of possible follow-up projects.	
17:00 – 17:20	Summary by rapporteur	

17:30 – 18:30	Welcome reception hosted by the Department of Trade and Industry	Venue: Amber Dining Room
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Day 2	Wednesday 3 October 2007	Morning
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Session 3: Astronomy and space science initiatives in Africa		Plenary session Venue: Diamond Auditorium
		Session chair: P. Martinez Rapporteur: B. Opperman
09:00 – 09:30	Building African partnerships in astronomical research	P. Okeke
09:30 – 10:00	The South African SKA/meerKAT project	K Cloete
10:00 – 10:30	Feed systems for the KAT radio astronomy telescopes	L du Toit
10:30 – 11:00	Coffee break	Foyer area
11:00 – 11:30	The Southern African Large Telescope: an example of a high-tech African project	D. Buckley
11:30 – 12:00	Space physics: conducting big science with small budgets in Africa	B. Opperman
12:00 – 12:20	International Year of Planet Earth (IYPE)	V. Munsami
12:20 – 12:40	International Year of Astronomy 2009: An opportunity for networking and capacity development for Astronomy and Space Science in Africa	K. Govender
12:40 – 13:00	Take space into the classroom with Amateur Radio	H van de Groenendaal
13:00 – 14:00	Lunch	Venue: Amber Dining Room

Day 2	Wednesday 3 October 2007	Afternoon
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Session 4.1 Cooperation in the ARM framework		Parallel session Venue: Diamond Auditorium
		Session chair: V. Munsami Rapporteur: N. Haned
14:00 – 14:30	Remote sensing user requirements and possible technical solutions for the African Resource Management Constellation	S. Mostert
14:30 – 14:45	Status of ARM in Algeria	N. Haned
14:45 – 15:00	Kenya's progress in the institutional and structural capacity building for the successful implementation of the ARMS initiative	R. Mugiira
15:00 – 15:15	Status of ARM in Nigeria	F. Chizea
15:15 – 15:30	Status of ARM in South Africa	V. Munsami
15:30 – 16:00	Coffee break	
16:00 – 16:45	Discussion on taking the ARM initiative forward	
16:45 – 17:00	Summary by rapporteur	

Conference Dinner		
18:30 – 22:00	Dinner hosted by Department of Science & Technology	Venue: Mokha Restaurant at the Botanical Gardens

Day 2	Wednesday 3 October 2007	Afternoon
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Session 4.2 Applications of GNSS in Africa		Parallel session
		Venue: Amethyst I&II
		Session chair: R. Wonnacott Rapporteur: A. Combrink
14:00 – 14:30	GNSS as a multi-disciplinary tool for Africa	R Wonnacott
14:30 – 14:45	GNSS implementation in ASECNA airspace	H. Cisse
14:45 – 15:00	AFSAGA: Combining satellite-based navigation with satellite communication in location-based applications	E. Avenant
15:00 – 15:15	Monitoring ionospheric activity from GPS data	S. Boutiouta
15:15 – 15:30	HartRAO Space Geodesy involvement throughout the SADC region	A Combrink
15:30 – 16:00	Coffee break	
16:00 – 16:45	Discussion on potentials for strengthening cooperation in GNSS applications in Africa	
16:45 – 17:00	Summary by rapporteur	

Conference Dinner		
18:30 – 22:00	Dinner hosted by Department of Science & Technology	Venue: Mokha Restaurant at the Botanical Gardens

Day 2	Wednesday 3 October 2007	Afternoon
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Session 4.3 Commercial applications of space science and technology in Africa		Parallel session Venue: Emerald Room
		Session chair: R. Balt Rapporteur: A. Ayensu
14:00 – 14:20	Trends in global sales and utilisation of earth observation satellites and some challenges for Africa	S.O. Mohammed
14:20 – 14:40	Building and exporting small satellite systems in a constrained market	R Olivier
14:40 – 15:00	Towards strategic African partnerships in space science	L Duncker
15:00 – 15:30	The Cheetah-1 commercial satellite launch vehicle programme	M Comninos
15:30 – 16:00	Coffee break	
16:00 – 16:15	Access and usage of satellite-based mobile communications in Ghana	A. Ayensu
16:15 – 16:30	Satellite communications in South Africa	E Sibeko
16:30 – 16:50	Discussion on the role of commercial applications in promoting space in Africa	
16:50 – 17:00	Summary by rapporteur	

Conference Dinner		
18:30 – 22:00	Dinner hosted by Department of Science & Technology	Venue: Mokha Restaurant at the Botanical Gardens

Day 3	Thursday 4 October 2007	Morning
Session 5 Summary, observations and recommendations		Plenary Session Venue: Diamond Auditorium
		Session chair: F. Chizea
09:00 – 09:10	Report-back session 1	Rapporteur
09:10 – 09:20	Report back session 2.1	Rapporteur
09:20 – 09:30	Report back session 2.2	Rapporteur
09:30 – 09:40	Report back session 2.3	Rapporteur
09:40 – 09:50	Report-back session 3	Rapporteur
09:50 – 10:00	Report back session 4.1	Rapporteur
10:00 – 10:10	Report back session 4.2	Rapporteur
10:10 – 10:20	Report back session 4.3	Rapporteur
10:20 – 10:30		
10:30 – 11:00	Coffee break	
Session 6 Strengthening Africa's participation in global space forums		Plenary Session Venue: Diamond Auditorium
11:00 – 12:00	Panel discussion on ways and means of strengthening African participation in global space forums	Panel members to be announced.
12:00 – 12:30	Proposals for inter-sessional activities to strengthen the African Leadership Conference	Chair: A. Abiodun
12:30 – 12:50	Observations and recommendations of ALC2007	R. Mugiira
Session 9 Closing session		Plenary Session Venue: Diamond Auditorium
12:50 – 12:55	Remarks by host of ALC 2009 - Algeria	N. Haned
12:55 – 13:00	Official closing and farewell	Representative of the DST
13:00 – 14:00	Lunch	Venue: Amber Dining Room

Day 4	Friday 5 October 2007	
Site visits		Optional
08:00	Departure from CSIR Convention Centre for HartRAO	
09:30	Arrival at HartRAO	
09:30 – 10:30	HartRAO facility tour	
11:30 – 11:00	Transit to SAC	
11:00	Arrival at SAC	
11:00 – 12:00	Facility tour of SAC	
12:00 – 12:30	Travel to Maropeng	
12:30 – 14:00	Lunch at Maropeng	
14:00 – 16:30	Visit / tour of Maropeng	
16:30	Return to Pretoria	
17:30	Arrive back at CSIR Convention Centre	