C T O

COMMONWEALTH TELECOMMUNICATIONS ORGANISATION

2013

53rd Council Meeting
CTO FORUM
11th Annual

INNOVATION THROUGH BROADBAND

7th - 9th October 2013 • Transcorp Hilton • Abuja • Nigeria

FEDERAL MINISTRY OF
COMMUNICATION TECHNOLOGY
Leveraging ICT for National Development

NCC
NIGERIAN
COMMUNICATIONS
COMMISSION

Organised by the **Commonwealth Telecommunications Organisation** in collaboration with the **Federal Ministry of Communication Technology and the Nigerian Communications Commission** on behalf of the **Federal Government of Nigeria.**

ABOUT THE CTO FORUM 2013

Innovation Through Broadband will anchor the programme of the flagship CTO Forum and offer critical updates and insights into infrastructure, security and application challenges.

The CTO Forum 2013 will focus on how Commonwealth countries can go beyond broadband to develop economies, increase access to and usage of ICTs and enhance levels of communication. Bringing together regulators, governments, operators, vendors and universal service fund administrators, the event will highlight regional solutions to broadband infrastructure, revenue management and security challenges. The Forum will demonstrate the plethora of innovations that have occurred as a result of broadband implementation. From cloud computing to social media and e-governance, attendees will learn how policy and regulation can be formulated to ensure broadband applications are being taken to the next level.

KEY TOPICS

• Future Networks - Infrastructure development and enabling business

• Internet Security and Cybersecurity – Developing protocols and ensuring resilience

• Beyond Social Media – From "likes" to learning

• Cloud – Infrastructure development, security concerns and data management

• Broadband as an enabler for women, young people and entrepreneurs

To discover more about this event please contact:
Carly Wilkinson • events@cto.int • +44 (0) 20 8600 3805

Commonwealth Telecommunications Organisation, 64-66 Glenthorne Road, London, W6 0LR
www.cto.int

#CTOFORUM2013

SPEAKING OPPORTUNITIES

Join our prestigious speaker panels, featuring international experts and stakeholders, to share your valued experiences.

SPONSORSHIP

Contact the CTO for a customised sponsorship package for you to achieve your ongoing business development objectives.

EXHIBITION

With so many ICT decision makers and industry leaders in one place you can showcase your products and services to your future clients.

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Professor Tim Unwin, Secretary-General, Commonwealth Telecommunications Organisation

The Annual Forum and Council meetings are two of the most important events convened by the Commonwealth Telecommunications Organisation every year. Held back to back, they provide opportunities for representatives of governments, regulators, the private sector and civil society to meet together with some of the world's leading ICT experts to discuss matters of mutual interest.

This year's events are particularly special for three main reasons. First, we are tackling one of the most important issues facing Commonwealth countries: how to ensure that affordable broadband connectivity is made available across all of our member states. This is of critical importance if full advantage of the Internet is to be gained, especially by the poorest and most marginalized people and communities. To do this, we need the special blend of expertise from companies, governments, regulators and civil society that the CTO is able to convene to deliver effective multi-stakeholder partnerships.

Second, we are bringing together Ministers and high-level delegations to help shape the first ever Commonwealth ICT Ministers conference that is due to be held in 2014. This is a very important stepping stone in building shared understandings of critical ICT issues amongst all member countries, and in reaching agreements on how best we can resolve the many challenges that we face, not least in terms of cybersecurity and accessibility.
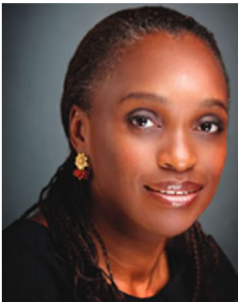
Finally, we have the opportunity to experience the warmth and hospitality of our Nigerian hosts. Having met with the Honorable Minister of Communication Technology, Mrs Omobola Johnson, as well as Dr Eugene Juwah, Executive Vice-Chairman of the Nigerian Communications Commission and his officials in Abuja and Lagos in June, I know how determined they are to create just the right atmosphere where delegates can share experiences and ideas from across the Commonwealth.

The 2013 CTO Annual Forum and Council meeting will be a memorable week. I look forward to participating in lively discussions, engaging in positive negotiations, and being inspired by a really excellent line up of leading international speakers!
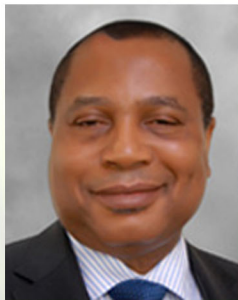
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Honourable Omobola Johnson, Minister of Communication Technology, Nigeria

'It is my pleasure to join this year's CTO Forum organised by the Commonwealth Telecommunications Organisation and hosted by the Federal Government of Nigeria.

The focus of this event, 'Innovations through Broadband', truly represents the aims of the Nigerian Government in achieving broadband access for all, as outlined in our National Broadband Plan. This plan will enable broadband use in all parts of the country including underserved and crucially unserved areas, ensuring all Nigerians are able to reap the benefits of broadband.
These broadband aims are not just relevant to Nigeria; they are also shared by other African and Commonwealth Countries. The importance of broadband for social and economic development is crucial and the CTO Forum will help Ministries, Regulators, Operators and the Private Sector develop their broadband policy, regulation, infrastructure and offerings to ensure ICT development and success. I look forward to welcoming you to Abuja in October.'

Dr Eugene Juwah, Executive Vice-Chairman and Chief Executive Officer, Nigerian Communications Commission

'As a key member of the Commonwealth Telecommunications Organisation, the Nigerian Communications Commission is proud to partner in the hosting of the 2013 edition of the CTO Forum. I look forward to meeting you in Abuja later this year.

Nigeria is one of many Commonwealth nations that represents the future of ICTs in emerging markets, from mobile to broadband and infrastructure development opportunities exist for local, national, regional and international investors and ICT stakeholders.

With this in mind, I expect all speakers, supporters and attendees to make the most of this unique opportunity to develop best practice protocol for broadband regulation and policy, enhance current cybersecurity and internet security systems, assess the importance of social media for development and ensure universal access to ICT's.'

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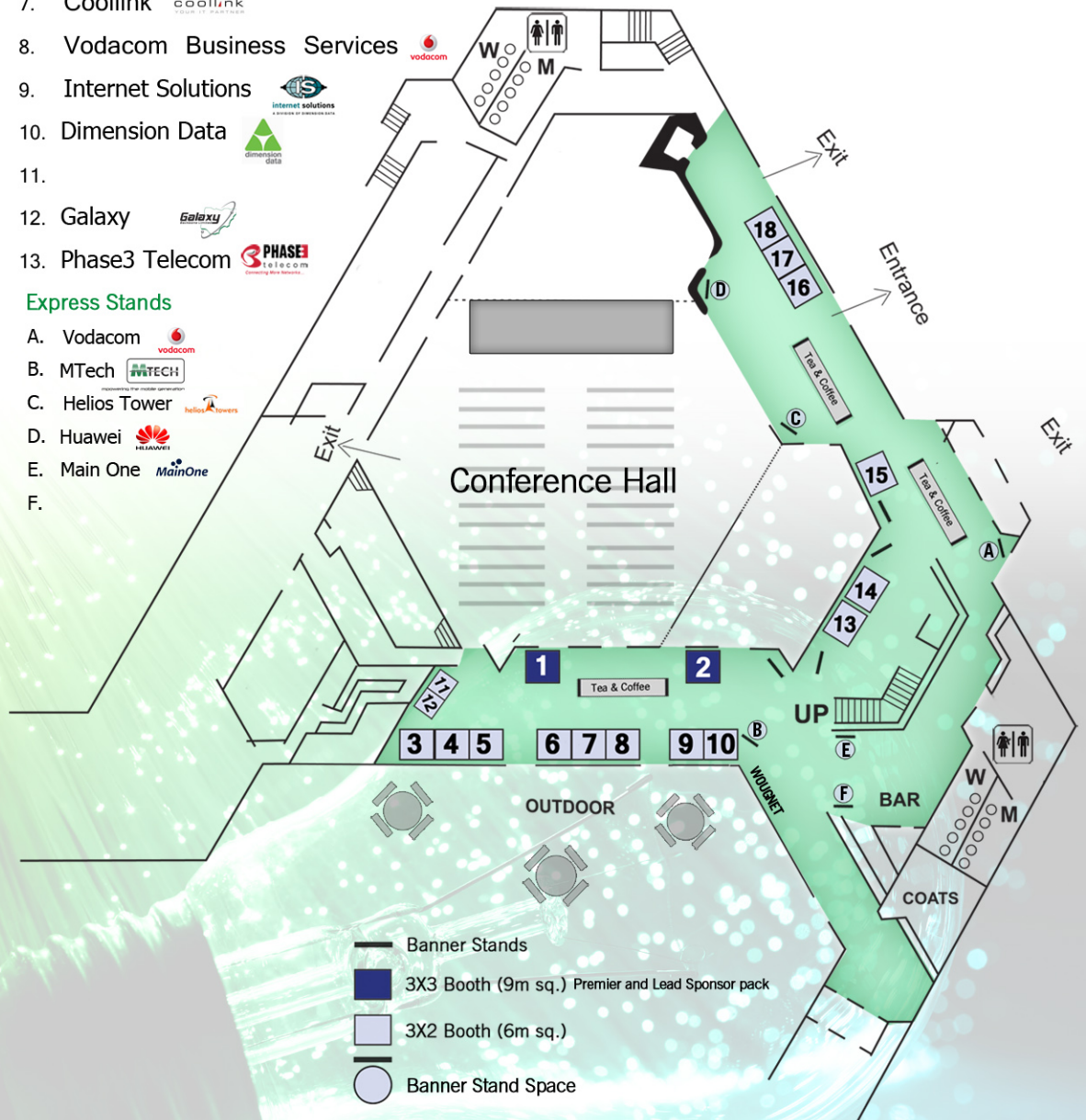COMMONWEALTH TELECOMMUNICATIONS ORGANISATION

EXHIBITOR FLOORPLAN

Exhibition Stands

1. Huawei
2. Google
3. Etisalat
4. IREX
5. Africa Telecom & IT
6. ERICSSON
7. Coollink
8. Vodacom Business Services
9. Internet Solutions
10. Dimension Data
11.
12. Galaxy
13. Phase3 Telecom

14. Phase3 Telecom
15. MTN
16. CTO
17. NCC
18. Federal Ministry of Communication

Express Stands

A. Vodacom
B. MTech
C. Helios Tower
D. Huawei
E. Main One
F.

Conference Hall

Exit

Entrance

Exit

Exit

Tea & Coffee

OUTDOOR

WOUGNET

UP

BAR

COATS

Tea & Coffee

— Banner Stands

■ 3X3 Booth (9m sq.) Premier and Lead Sponsor pack

□ 3X2 Booth (6m sq.)

○ Banner Stand Space

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Google's innovative search technologies connect millions of people around the world with information every day. Founded in 1998 by Stanford Ph.D. students Larry Page and Sergey Brin, Google today is a top web property in all major global markets. Google's targeted advertising program provides businesses of all sizes with measurable results, while enhancing the overall web experience for users. Google is headquartered in Silicon Valley with offices throughout the Americas, Europe and Asia.

For more information please visit www.google.com.

SILVER SPONSOR

MTN

With 55 million subscribers and over $12 billion invested so far in the Nigerian economy, MTN has taken the lead in providing world-class ICT services.

BSince 2001, our products and services have blazed a trail in the telecommunications industry and revolutionized the way Nigerians live, work and play.

MTN demonstrates its belief in Nigeria not only by investing billions of dollars in infrastructure and facilities, but also investing in areas of need through the MTN Foundation, thereby giving back to society. As we progress with our efforts, MTN embraces a win-win ideology that stimulates economic development and a vibrant, stable society.

For more information please visit www.mtnonline.com.

SILVER SPONSOR

HUAWEI

Huawei is a leading global information and communications technology (ICT) solutions provider, established its head offices and registered Huawei Technologies Co., Nig. Ltd in 1999. Since then, Huawei Nigeria has had a commitment to its Nigerian customers to enrich life through communication.

After 14 years of development in Nigeria, Huawei has received an excellent response from the market and aims to expand its investments in the coming years. It sets up strategic alliances with local powerful partners and secures WIN-WIN business partnership. Innovative solutions and dedicated innovation on customers' needs significantly bring true values to the customers.

Huawei Nigeria currently employs over 600 people while about 70% of them are locally

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dimension data

internet solutions
A DIVISION OF DIMENSION DATA

A specialist ICT services and solutions provider, Dimension Data helps clients plan, build, support and manage their infrastructures. A division of Dimension Data, Internet Solutions is the leading African IP-based communications service provider.

Our joint portfolio of Cloud Services enables organisations to accelerate their adoption of cloud computing. We do so by simplifying planning, design, deployment and management of private, public and hybrid clouds. As Africa's largest ICT company, our teams stand ready to help you respond to today's challenges with targeted, pertinent services and IT solutions that take the pressure off you, so you can focus on your business stakeholders and clients.

For more information please visit www.dimensiondata.com. or www.is.co.za

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A4AI is a diverse and truly global coalition committed to driving down the cost of internet access in less developed countries. We believe that, while technological solutions are advancing rapidly, policy and regulations remain a significant barrier to affordable internet. A4AI seeks to create the conditions for open, competitive and innovative broadband markets through a combination of advocacy, research and knowledge-sharing. When we succeed, we will help to lower access costs to meet the UN Broadband Commission target of broadband access priced at less than 5% of monthly income, thereby helping billions more to come online and unlocking significant socio-economic benefits.

SILVER SPONSOR

Etisalat Nigeria is the fastest growing telecoms operator in Nigeria, with a growing subscriber base of 15 million. Its portfolio of voice and data-centric products include – easy starter, easycliq, easybusiness, and easyblaze; all tailor-made to meet the needs of its customers.

For its outstanding performance since the launch of commercial operations, Etisalat has won several awards including award for Excellent Customer Service from the NCC, Brand of the Year award, Fastest Growing GSM Company of the Year, Best Marketing Company, Most Innovative Corporate Social Responsibility Company and Most Innovative Mobile Operator among others.

LUNCH SPONSOR

Founded in 2004, Facebook's mission is to give people the power to share and make the world more open and connected. People use Facebook to stay connected with friends and family, to discover what's going on in the world, and to share and express what matters to them.

SPEAKER SPONSOR

Vodacom Business, a wholly-owned subsidiary of the Vodacom Group, is a leading pan-African corporate connectivity and telecommunications provider. We work in partnership with the continent's largest businesses helping them stay connected to the rest of the world.

Our core infrastructure connects over 580 million people, across more than 40 African countries and includes over 50 satellite transponders, 24 dedicated teleports and access to multiple sub-sea cable landing ports.

Our mission is to build the future of African communications through continued investment in infrastructure, creating the best value for our customers and the communities in which we operate.

For more information please visit www.vodacom.com/com.

SPEAKER SPONSOR

Ericsson is a world-leading provider of telecommunications equipment and services to mobile and fixed network operators. Over 1,000 networks in more than 180 countries use our network equipment, and more than 40 percent of the world's mobile traffic passes through Ericsson networks. We are one of the few companies worldwide that offers end-to-end solutions for all major mobile communication standards. Our networks, telecom services and multimedia solutions make it easier for people, across the world, to communicate.

For more information please visit www.ericsson.com.

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BEYOND ACCESS
Libraries Powering Development

Development demands access to information and technology, support to use it, and physical spaces to connect with others. Beyond Access is a movement of people and organizations committed to the idea that modern public libraries help drive economic and social development. More than 230,000 public libraries — 73% of the world's total — are located in developing and transitioning countries. At a time of tight budgets, investing in existing, trusted, and local institutions is efficient and smart. With members around the world, Beyond Access encourages dialogue, assembles a community, facilitates partnerships, creates and curates resources, and provides services and opportunities to libraries, NGOs, development practitioners, donors, and governments.

Beyond Access is an initiative of IREX, EIFL, IFLA, Makaia, Facilitating Change, Development Gateway, The Asia Foundation, TASCHA, the Riecken Foundation, and READ Global, with support from the Bill & Melinda Gates Foundation

For more information please visit BeyondAccess.net.

SPEAKER SPONSOR

MTECH
mpowering the mobile generation

MTech Communications Plc pioneered Mobile Value Added Services in Nigeria and has expanded her operations over the years to Ghana, Kenya, Uganda, Tanzania and other parts of Africa. MTech partners MNOs, FMCG's, media organizations and content owners to deliver value through various mobile channels; SMS, Voice, USSD, WAP and MMS.

For more information please visit www.mtechcomm.com.
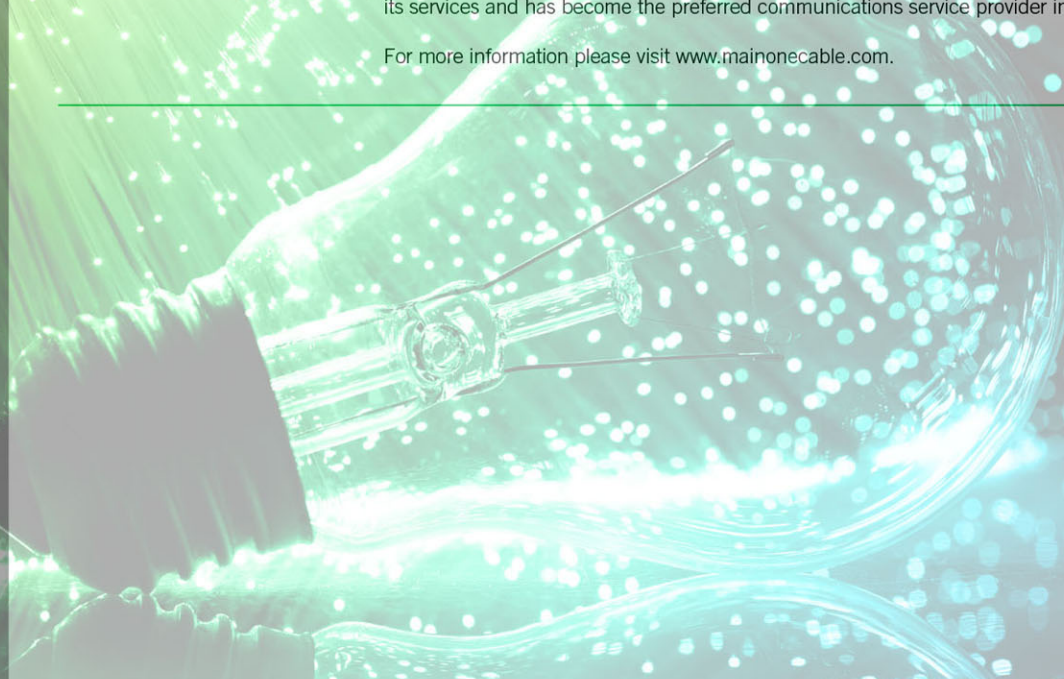
SPEAKER SPONSOR

MainOne

Main One is a wholly African-owned communications Services Company delivering international connectivity and world class broadband services to companies in West Africa.

Backed by its open access,1.92 tbps fibre optic cable and a state-of-the-art IP NGN backbone network, Main One delivers communication services to Telecom Operators, Internet Service Providers, Governments and Large Enterprises in the region. Leveraging on a growing regional terrestrial network, world class data centre facilities, a partnership with Tier 1 upstream carriers for Internet Connectivity, Main One ensures reliability and affordability of its services and has become the preferred communications service provider in West Africa.

For more information please visit www.mainonecable.com.

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PHASE3
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Connecting More Networks...

Phase3 Telecom is a leading Transmission and Broadband service company that serve telecom providers, multinationals as well as small business enterprises in Nigeria and West Africa. We have deployed Fibre Optic Network of over 5000km and commissioned several points of presence in key cities including last mile connectivity to clients on our Open Access Network. A reliable network that boasts unprecedented capacity, security, reach and flexibility with products and services that include: Ethernet, IP Broadband, MPLS VPN Based Service, IPLC, Fibre-to-Home (FTTH), Data Centre, SDH, TDM, etc. Our unique right of way has also positioned us with the capacity to deliver bandwidth to the unserved and underserved rural communities across the West African region.

For more information please visit www.phase3telecom.com.

CONNECTIVITY SPONSOR

Galaxy
Backbone Limited

Galaxy Backbone Limited is an Information and Communication Technology (ICT) Company, wholly owned by the Federal Government of Nigeria. It was established in 2006 by a strategic policy to develop and operate a common ICT infrastructure platform for Nigeria's Federal Government and to offer related ICT services to all its Ministries Departments and Agencies.

MIn fulfilling its mandate, Galaxy Backbone has built and is operating a shared ICT infrastructure platform known as "1-GOV.net". 1-GOV.net consists of a nation-wide IP Network Backbone and Datacenter providing a broad range of ICT services to public sector institutions. Galaxy Backbone's 1-GOV.net platform is a winner of the 2013 United Nations Public Service Award for promoting whole-of-government approaches in the information age.

For more information please visit www.galaxybackbone.com.ng.

EXHIBITOR SPONSOR

coollink
YOUR IT PARTNER

Coollink was incorporated in 2001 and operates as an Internet Service Provider, delivering end-to-end solutions and services, on VSAT and Fibre Optic platforms, along with value added services to guarantee a dedicated service delivery, in line with international information technology standards.

With the partnership with Yahsat and a nation-wide presence, home and business users now have access to an affordable and reliable KA-BAND broadband service, YahClick, across Nigeria.

For more information please visit www.coollink.us.

BANNER STAND SPONSOR

helios towers
Heart of the Wireless Operator

GHTN was established in 2002 by Helios Investment Partners (HIP), a UK-based private equity fund and is Nigeria's pioneer independent telecommunications co-location service provider, commencing operations in 2005. By December, 2009 the Company portfolio has grown to over 1500+ sites up from 100 as of 31st Dec. 2007. HTN is the only true co-location company in Nigeria offering Infrastructure sharing, Managed Services and Backhaul.

For more information please visit www.heliostowers.com.

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Early Registration, Sunday 6th October	
14.00	**Early Registration** – Transcorp Hilton
19.00	**Welcome Cocktail Reception** hosted by the **Federal Ministry of Communication Technology, Nigeria** – Transcorp Hilton
Day One, Monday 7th October - Infrastructure Development, Revenue and Security	
08.00	**Registration Opens and Morning Refreshments**
	Opening Ceremony - Congress Hall
09.00	**Welcome Remarks** **Dr Eugene JUWAH**, Executive Vice-Chairman and Chief Executive Officer, **Nigerian Communications Commission**
09.10	**Remarks by the Chairman of the Commonwealth Telecommunications Organisation** **Juma KANDIE,** Director, Human Capital & Administration, **Communications Commission of Kenya**
09.15	**Remarks by the Chairman Nigerian Communications Commission** **Peter IGOH,** Chairman**, Nigerian Communications Commission**
09.20	**Goodwill Message** **Dr Hamadoun TOURE**, Secretary-General, **International Telecommunication Union**
09.25	**Online Address** **Sir Tim BERNERS-LEE**, Founder, **World Wide Web Foundation** and inventor of the World Wide Web
09.30	**Opening Keynote** **Professor Tim UNWIN,** Secretary-General**, Commonwealth Telecommunications Organisation**
09.40	**Ministerial Welcome** **Honourable Omobola JOHNSON,** Minister of Communication Technology**, Federal Ministry of Communication Technology, Nigeria**
09.50	**Address and Official Event Opening** **His Excellency Arc. Namadi SAMBO**, Vice-President, **Federal Republic of Nigeria**
09.55	**Vote of Thanks** **Dr Henry AKPAN,** Permanent Secretary, **Ministry of Communication Technology, Nigeria**
10.00	**Group Photograph**
10.15	**VIP Exhibition Area Walkabout**
	Morning Refreshments - Sponsored by **Etisalat**

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	Session 1: Policy, Regulation and Innovation Managing broadband initiatives, developing regulation and formulating policy. **Congress Hall**
	Moderator: **Honourable Omobola JOHNSON,** Minister of Communication Technology**, Federal Ministry of Communication Technology, Nigeria**
10.45	Keynote Address: **Achieving affordable Internet - The A4AI multi-stakeholder approach** **Dr Bitange NDEMO**, Honorary Chairperson, **Alliance for Affordable Internet** and former Permanent Secretary, **Ministry of Information and Communications, Kenya**
11.00	Keynote Address: **Strategies for accelerated broadband infrastructure development in the Commonwealth – Policy and regulatory perspectives** **Dr Eugene JUWAH**, Executive Vice-Chairman and Chief Executive Officer, **Nigerian Communications Commission**
11.15	Presentation: **Promoting Innovation through enabling regulations** **Joseph M. TIAMPATI**, Principal Secretary, **Ministry of Information, Communications and Technology, Kenya**
11.30	Sponsor Presentation: **Driving broadband inclusion through competition and innovation** **Michael IKPOKI,** CEO, **MTN Nigeria**
11.45	Sponsor Presentation **Osita IWEZE**, Deputy Managing Director, **Huawei Technologies Nigeria**
11.50	Sponsor Presentation: **How can libraries be used as a practical resource for grassroots and regional access to ICTs?** **Robert CRONIN**, Vice-President, **IREX**
12.00	Ministerial Panel: **What mechanisms are being employed to respond to technological change – How does this impact on policy and regulation?** • Regulation and policy to drive affordable broadband access and development. Panel Moderator: **Robert PEPPER**, Advisory Council Member, **Alliance for Affordable Internet** and Vice-President, Global Technology Policy, **Cisco** • **Honourable Omobola JOHNSON,** Minister of Communication Technology**, Federal Ministry of Communication Technology, Nigeria** • **Honourable Nana GREY-JOHNSON,** Minister, **Minister of Information and Communication Infrastructure, The Gambia** • **Honourable Eusebio SAIDE,** Deputy Minister, **Ministry of Transport and Communication, Mozambique** • **Joseph M. TIAMPATI**, Principal Secretary, **Ministry of Information, Communications and Technology, Kenya** • **Kwaku OFOSU-ADARKWA,** Chief Director, **Ministry of Communications, Ghana**
12.40	Panel Discussion Sponsored by **Etisalat** **How can Commonwealth partnerships be created and used to develop regional regulations towards broadband innovation and development?** • Creating and sustaining regional frameworks • Participating in broadband standardization initiatives

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- **Ibrahim DIKKO,** Director for Regulatory Affairs**, Etisalat Nigeria**
- **Oyeronke OYETUNDE,** General Manager, Regulatory Affairs, **MTN Nigeria**
- **Suvi LINDEN,** Special Envoy for the Broadband Commission**, International Telecommunication Union**

13.00	**Ministerial Day Sponsor Address** **David C. DRUMMOND**, Senior Vice-President, Corporate Development and Chief Legal Officer, **Google**
13.05	**Networking Lunch -** Hosted by **MTN Nigeria** MTN Nigeria Lunch Speech **Larry ANNETTS**, Chief Marketing Officer, **MTN Nigeria**

All seating at parallel sessions will be allocated on a first come, first served basis

Session 2: Assessing Future Networks and International Connectivity Kano Room – Congress Hall Mezzanine		Session 3: Increased Access to Improved Usage Congress Hall	
A session looking at what future networks will be deployed in Commonwealth countries. Moderator: **Patrick MASAMBU,** Deputy Director-General & Director of Technical Affairs, **International Telecommunications Satellite Organisation**		Universal access to ICTs is a key goal for many Commonwealth and non Commonwealth nations, but how can universal access be achieved and what lessons can be learned? Moderator: **Abdullah MAIKANO**, Secretary, **Universal Service Provision Fund, Nigeria**	
14.00	Sponsor Presentation: **Agile Network, Agile World** **Tayo ASHIRU**, Chief Solutions Manager, Enterprise Business Group, **Huawei Technologies**	14.00	Presentation: **How to successfully increase the usage and availability of ICTs** – **Localising services and creating opportunities** **Honourable Kofi ATTOR,** Administrator, **Ghana Investment Fund for Electronic Communications**
14.20	Presentation: **Understanding the role of satellite in delivering international connectivity** **Shola TAYLOR**, CEO, **Kemilinks International** / Former Chairman, **Radio Regulations Board, International Telecommunication Union**	14.15	Presentation: **Benefits and impact of public access and libraries** • **Matej NOVAK**, Director, **Bibliomist** • **Kafui PREBBIE**, Chief Executive Officer, **TechAide**
14.40	Presentation: **Designing for the future – Next-generation satellite technologies to enable African growth** **Abraham AWONUGA**, Regional Customer Solution Engineering Director, **Intelsat**	14.30	Presentation: **Increasing access through broadband and telecentres** **Ahmed Mahmoud Mohamed EISA**, Chairman, **Gedaref Digital City**
15.00	Sponsor Presentation: **Driving mobile broadband usage through innovative services** **Roseline ILORI,** Country Manager, Nigeria, **MTech Communications Plc**	14.45	Panel Discussion: **What different strategies are being used to ensure universal access becomes a reality?** • **Gertrude Akapelwa EHUENI,** Chairperson, **Zambia Information and Communications Technology Authority** • **Honourable Kofi ATTOR,** Administrator, **Ghana Investment Fund for Electronic Communications** • **Matej NOVAK**, Director, **Bibliomist** • **Ahmed Mahmoud Mohamed EISA**, Chairman, **Gedaref Digital City**
15.20	**Afternoon Refreshments and Networking**		

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Session 4: Internet Safety and Security Kano Room – Congress Hall Mezzanine		Session 5: Mobile Broadband and the Customer Adamawa Room – Congress Hall Mezzanine		Session 6: The Alliance for Affordable Internet Congress Hall	
As broadband becomes a reality, how can Commonwealth nations ensure the safety of internet users? Moderator: **Lasantha De ALWIS,** Director, Head of Operations and Corporate Secretary, **Commonwealth Telecommunications Organisation**		A session focused on value-added services and assessing how the customer can truly benefit from mobile broadband. Moderator: **William HEARMON**, Chairman, **African 4G Forum**		A closer look at the interplay between affordability and the policy and regulatory environments that make it possible, with shared insights and best practice from global leaders in the public, private and not-for-profit sectors. Moderator: **Sonia JORGE**, Executive Director, **Alliance for Affordable Internet**	
16.00	Presentation: **Strategy for building an Internet safety wall** **Silvanus EHIKOYA,** Director, New Media and Information Security, **Nigerian Communications Commission**	16.00	Opening Presentation: **Driving broadband usage** **Adia SOWHO**, Head of Digital Media, **Etisalat**	16.00	Panel Discussion: **Innovation, policy and regulation to increase penetration** A4AI has an important and ambitious goal - to use policy and regulatory change to help meet the UN Broadband Commission target of entry-level broadband priced at <5% of monthly income. This will only be achieved via a blend of innovation and policy and regulatory reform. This panel discussion will include leading experts from private sector organisations, public sector bodies and not-for-profit/foundations who will: debate the merits of possible policy and regulatory reforms; discuss routes to implementation; and share successes and failures with the audience. It will be interactive and will take questions from the floor and social media.
16.20	Presentation: **High-level overview of RPKI & DNSSEC – Key pieces of the cybersecurity puzzle** **Mukom Akong TAMON,** Training Manager, **AFRINIC Ltd**	16.15	Sponsor Presentation: **The future of mobile broadband from a value-added services perspective: Enriching the user experience** **Roseline ILORI,** Country Manager, Nigeria, **MTech Communications Plc**		Moderator: **Sonia JORGE**, Executive Director, **Alliance for Affordable Internet** • **Funke OPEKE**, CEO, **Main One Cable** • **Jennifer HAROON**, Principal of Strategy and Operations, **Google** • **Rebecca ZAUSMER**, Project Manager, **Global Partners Digital** • **Dr Sophia HUYER**, Executive Director, **Women in Global Science and Technology** • **Alison GILLWALD**, Executive Director, **Research ICT Africa**
		16.30	Presentation: **Understanding the relationship between customer satisfaction and mobile broadband** **Michael DAZHI**, Consultant, **Dazhi Techno-Consult**		

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16.40	Presentation: **Understanding the imperatives of national domain names for safe internet** **Mary Nma UDUMA**, Member of the Executive Committee of AfTLD and President, **Nigeria Internet Registration Association (the managers of .ng ccTLD)**			16.40	**Research-based advocacy: Informing the debate, driving change** Through the sharing of best practice and robust qualitative and quantitative research, A4AI aims to inspire, accelerate and measure change. Drawing upon a blend of academic experts and leaders of public, private and civil society sector bodies, this session will outline and present the research leading to the 2013 Affordability Report – A4AI's study to be released in December **Karin ALEXANDER**, Web Index Manager, **World Wide Web Foundation** • See principles brought to life case studies presented by A4AI members and partners, helping attendees to understand in detail how progress has been achieved and how further wins might be accomplished. • **Robert CRONIN**, Vice-President, **IREX** • **Ebele OKOBI,** Global Head for Business & Human Rights Programme, **Yahoo!** • **John ROMAN**, Director of Broadband and Regulatory Policy, **Intel Corporation** • **Onica N. MAKWAKWA**, Head of Consumers, **International Office for Africa**
17.00	**Audience Q&As with Session 4 speakers**	17.00	Presentation: **dotAfrica (.Africa), mobile and the trends of African social media networks** **Koffi Fabrice DJOSSOU**, Africa Liaison, **UNIFORUM ZACR**		
		17.15	Panel Discussion: **Managing the operator - regulator relationship to ensure good service and customer satisfaction** • **Andrew EZEMEZIE**, General Manager, Customer Experience, **MTN Nigeria** • **Michael DAZHI**, Consultant, **Dazhi Techno-Consult** • **Kojo BOAKYE**, Programme Manager, **Commonwealth Telecommunications Organisation** • **Adia SOWHO**, Head of Digital Media, **Etisalat**		
17.45	**Close of CTO Forum Day One**				
17.50	**Drinks Reception** - Hosted by **Alliance for Affordable Internet**				
20.00	**Welcome Dinner -** by **Access Bank - ThisDay Dome**				

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Day Two, Tuesday 8th October - Broadband Applications, Innovations and Partnerships

08.15   **Morning Refreshments**

Session 7: Broadband, Internet and Innovation – How can Governments and Regulators Drive Change and Development?
Congress Hall

09.00   **Moderator's Welcome Remarks**

Dr Eugene JUWAH, Executive Vice-Chairman and Chief Executive Officer, **Nigerian Communications Commission**

09.10   Keynote Address: **Driving broadband and technology innovation as a policymaker**

Honourable Omobola JOHNSON, Minister of Communication Technology, **Federal Ministry of Communication Technology, Nigeria**

09.25   Keynote Panel: **Driving broadband and technology innovation as a policymaker**

- **Honourable Omobola JOHNSON,** Minister of Communication Technology, **Federal Ministry of Communication Technology, Nigeria**
- **Sunil Kanti BOSE,** Chairman, **Bangladesh Telecommunication Regulatory Commission**
- **Thabiso THUKANI,** Regional Manager, Government and Regulatory Affairs, **Ericsson**

09.55   Sponsor Presentation: **Building a networked society for Africa – The critical role for the policymaker and the regulator**

Thabiso THUKANI, Regional Manager, Government and Regulatory Affairs, **Ericsson**

10.10   Panel Session: **IPv6 deployment as a strategic national initiative and how governments can drive it**

- **Mukom Akong TAMON,** Training Manager, **AFRINIC Ltd**
- **Margaret Chalwe-MUDENDA,** Director General, **Zambia Information and Communications Technology Authority**

10.40   **Morning Networking and Refreshments**

Session 8: Women, Empowerment and ICTs
Congress Hall

A specific panel discussion focused on women, empowerment, entrepreneurship and ICTs.

Minister Host: **Honourable Omobola JOHNSON,** Minister of Communication Technology, **Federal Ministry of Communications Technology, Nigeria**

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11.30   Interactive panel session: **Panellists will discuss topics from access to ICTs, education, and social media with the underlying theme of broadband being an enabler for women**

Moderator: **Lolia EMAKPORE,** Director, Policy, Competition and Economic Analysis, **Nigerian Communications Commission**

- Nkechi NWAOGU, Senator, **Federal Republic of Nigeria**
- Ebele OKOBI, Global Head for Business and Human Rights Program, **Yahoo!**
- Dr Dorothy OKELLO, Founder, **Women of Uganda Network**
- Martha OMOEKPEN ALADE, Chairperson, **Women in Technology in Nigeria**
- Dr Peter DRURY, Director, **Drury Consulting Ltd**
- Dr Marianne TRESCHOW, CTO Ambassador and Senior Advisor to the **Ericsson Group**
- Dr Salma ABBASI, Founder, Chairperson and CEO, **e Worldwide Group**

12.50   **CTO Showcase - Facilitating partnerships in capacity development for ICTs**

Marcel BELINGUE, Senior Manager, Head of Membership and Communications, **Commonwealth Telecommunications Organisation**

13.00   Networking Lunch – Hosted by **Facebook**

Facebook Lunch Speech
Simon MILNER, Policy Director, UK and Ireland, **Facebook**

All seating at parallel sessions will be allocated on a first come, first served basis

Session 9: Cloud - e-Government, e-Accessibility and e-Health Congress Hall		Session 10: Young People, ICTs and Entrepreneurship Kano Room - Congress Hall Mezzanine		Session 11: Beyond Social Media – From 'Likes' to Learning Adamawa Room – Congress Hall Mezzanine	
How has cloud impacted on e-government, e-accessibility and e-health? Moderator: **Dr Peter DRURY**, Director, **Drury Consulting Ltd**		Supported by the Federal Ministry of Communication Technology, Nigeria this session will focus on two of the CTO's priority areas – Youth and ICTs and Entrepreneurship.		A session dedicated to understanding the relationship between social media and development. Moderator: **Dr Dorothy OKELLO,** Founder, **Women of Uganda Network**	
14.00	Sponsor Presentation: **Cloud connectivity and communications** **Funke OPEKE,** CEO, **Main One Cable**	14.00	Presentation: **Entrepreneurship development through capacity building** **Juma KANDIE,** Director, Human Capital and Administration, **Communications Commission Kenya**	14.00	Opening Presentation **Simon MILNER,** Policy Director, UK and Ireland, **Facebook**

14.15	Sponsor Presentation **Mickey MASHALE**, Managing Executive, Public Enterprise, **Vodacom**	14.15	Entrepreneur Case Study: **How have Commonwealth entrepreneurs developed their businesses, ideas and products with the help of broadband?** **Paul Chinenye UGOJI**, Head Strategic Initiatives, **Total Automation Concepts**		
14.30	Sponsor Presentation:**1-GOV.net and its impact on collaboration and cohesion in the Nigerian public sector** **Gerald ILUKWE,** CEO, **Galaxy Backbone Ltd**				
14.45	Sponsor Presentation: **The geography of an African cloud** **Greg MONTJOIE**, Executive, Cloud Services Business Unit, **Internet Solutions**	14.30	**How are young people engaging with ICTs in the Commonwealth?** • Assessing the impact on learning and skills development • Developing ICT literacy and increasing communications • What impact has social media had on young people? **Victor OKIGBO**, **IDEA Hub**	14.30	Video Presentation: **Social networking and communities** **Barbara MALLINSON**, Founder, **Obami**
15.00	Presentation: **Implementing e-Health: The Nigerian experience** **Dr. Olajide ADEBOLA**, President**, Society for Telemedicine and e-Health, Nigeria**	14.45	Roundtable Discussion • **Paul Chinenye UGOJI**, Head Strategic Initiatives, **Total Automation Concepts** • **Dr Udy OKON,** Research Consultant, **Penkz Consulting LTd** • **Victor OKIGBO**, **IDEA Hub** • **Kenneth OMERUO**, CEO, **Emerging Media** • **Michael DAZHI**, Consultant, **Dazhi Techno-Consult** • **Wande ADALEMO**, Chief Operating Officer, **Oxgyen Broadband Networks Limited**	15.00	Presentation: **African Child Online Protection Education and Awareness Centre (ACOPEA)** **Daniel ASFAW**, ACOPEA Project Coordinator, **e-safety Pilot, Ethiopia** **Simon MILNER**, Policy Director, UK and Ireland, **Facebook**
15.15	United Kingdom Perspective: **Bringing together e-Health, e-Gov and e-Accessibility initiatives** **Dr Peter DRURY**, Director, **Drury Consulting Ltd**				

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15.30	**Afternoon Refreshments and Networking**

Session 12: Future Technology Innovation Congress Hall

A session dedicated to future technology innovations in broadband—how will broadband technology develop? Audience Q&As will take place after each presentation.

16.00	Keynote Address: **White space technologies** **Kai WULFF**, Access Field Development Director, **Google**
16.15	Presentation: **Towards widespread and affordable broadband and internet for Africans and others for the 2020's** **Professor H. Sama NWANA**, Ex-Group Director**, Office of Commonwealth, UK** and Partner, **TMG Consultancy**
16.30	Presentation: **Utilising TV white spaces for broadband** **William HEARMON,** Chairman, **4G Africa Forum**
16.45	Presentation: **Using spectrum from the TV digital dividend** **Peter LYONS,** Director of Public Policy for Africa and the Middle East, **GSMA**

Closing Ceremony - Congress Hall

17.00	**Presentation of the CTO Forum Communiqué** **Lolia EMAKPORE**, Director, Policy, Competition and Economic Analysis, **Nigerian Communications Commission**
17.15	**Remarks by the Nigerian Communications Commission** **Dr Eugene JUWAH,** Executive Vice-Chairman and Chief Executive Officer**, Nigerian Communications Commission**
17.25	**Remarks by Commonwealth Telecommunications Organisation** **Professor Tim UNWIN,** Secretary-General**, Commonwealth Telecommunications Organisation**
17.40	**Closing Address** **Honourable Omobola JOHNSON,** Minister of Communication Technology**, Federal Ministry of Communication Technology, Nigeria**
17.50	**Close of CTO Forum 2013**
19.30	**Cocktail Reception and Gala Dinner hosted by the Nigerian Communications Commission - Congress Hall**

Day Three, Dedicated Networking Morning – Wednesday 9th October
Congress Hall and Exhibition Area

This session will showcase four key ICT topic areas that offer Commonwealth nations a chance to enhance levels of communication, connectivity and social development.

09.00	**Dedicated Networking Morning** This dedicated networking morning offers attendees the opportunity to discuss trends, topics and outcomes from the last two days and a chance to further establish partnerships and working relationships with speakers, sponsors and key stakeholders.
12.00	**Lunch**

Day Three, Ministers Half Day – Wednesday 9th October

08.00	**Ministerial Breakfast hosted by Nigerian Communications Commission** Invitation only - Transcorp Hilton

Kano Room – Congress Hall Mezzanine

Google

Ministerial Day Sponsor

Please note, this session and all associated networking functions are only open to invited attendees

12.30	**Ministerial Lunch** sponsored by **Google** – Zuma Restaurant, Transcorp Hilton **Google Lunch Address** **David C. DRUMMOND**, Senior Vice-President, Corporate Development and Chief Legal Officer, **Google**
14.00	**Formal Welcome -** Kano Room, Congress Hall Mezzanine **Honourable Omobola JOHNSON**, Minister for Communication Technology, **Federal Ministry of Communication Technology, Nigeria**
14.10	**Scene setting and agenda for Commonwealth ICT Ministers** **Professor Tim UNWIN,** Secretary-General, **Commonwealth Telecommunications Organisation**
14.30	**The importance of Commonwealth co-ordination in international arenas** **Professor Tim UNWIN,** Secretary-General, **Commonwealth Telecommunications Organisation**
15.00	**Towards a Commonwealth cyber governance framework** **Lasantha De ALWIS,** Director and Head of the Operations Department and Corporate Secretary, **Commonwealth Telecommunications Organisation**
16.15	**Presentation of outcomes from CTO's e-Accessibility Summit 2012**
16.45	**Presentation and endorsement of CTO/Commonwealth Secretariat/ITU recommendation to CHOGM on the importance of national broadband strategies**

17.00	**Agreement on the proposed agenda for Commonwealth ICT Ministers Forum 2014, and mechanisms for its implementation**
18.15	**Conclusion of Ministerial Meeting**
19.30	**Ministerial Dinner** Sponsored by **Google** – Kano Room, Congress Hall Mezzanine

2013 53rd Council Meeting
CTO FORUM
11th Annual

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Nigeria

CTO
COMMONWEALTH TELECOMMUNICATIONS ORGANISATION

SPEAKERS INCLUDE:

S P E A K E R S

Dr Eugene Ikemefuna Juwah
Executive Vice-Chairman (EVC)and Chief Executive Officer
NCC

Honourable Omobola Johnson
Minister of Communication Technology
FEDERAL MINISTRY OF COMMUNICATION TECHNOLOGY, NIGERIA

Professor Tim Unwin
Secretary General
COMMONWEALTH TELECOMMUNICATIONS ORGANISATION

Malcolm Johnson
Director of the Telecommunication Standardization Bureau
INTERNATIONAL TELECOMMUNICATIONS UNION

Honourable Kofi Attor
Administrator
THE GHANA INVESTMENT FUND FOR ELECTRONIC COMMUNICATIONS (GIFEC)

Gertrude Akapelwa Ehueni
Board Chairperson
ZAMBIA INFORMATION AND COMMUNICATION TECHNOLOGY AUTHORITY (ZICTA)

Juma Kandie
Director, Human Capital & Administration
COMMUNICATIONS COMMISSION OF KENYA

Lasantha De Alwis
Director and Head of the Operations Department and Corporate Secretary
CTO

Jamie Saunders
Director, Cyber Policy
FOREIGN COMMONWEALTH OFFICE, UK

Kai Wulff
Access Field Development Director
GOOGLE

Sonia Jorge
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ALLIANCE FOR AFFORDABLE INTERNET

Ebele Okobi
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YAHOO!

Rebecca Zausmer
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Advisory Council Member
ALLIANCE FOR AFFORDABLE INTERNET AND VICE PRESIDENT, GLOBAL TECHNOLOGY POLICY, CISCO

Alison Gillwald
Executive Director
RESEARCH ICT AFRICA

Bitange Ndemo
Honorary Chairperson
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John Roman
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Web Index Manager
WORLD WIDE WEB FOUNDATION

Sophia Huyer
Executive Director
WOMEN IN GLOBAL SCIENCE AND TECHNOLOGY (WISAT)

Ann Mei Chang
Senior Advisor for Women and Technology - Secretary's Office of Global Women's Issues
US DEPARTMENT OF STATE

Onica N. Makwakwa
Head of Consumers
International Office for Africa

Michael Ikpoki
CEO
MTN NIGERIA

Greg Montjoie
Executive, Cloud Services Business Unit
INTERNET SOLUTIONS

SPEAKERS

SPEAKERS INCLUDE:

Funke Opeke
CEO
MAIN ONE

Thabiso Thukani
Regional Manager, Government & Regulatory Affairs
ERICSSON

Robert Cronin
Vice President
IREX

Matej Novak
Director
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Hareter Babatunde Oralusi
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Africa Liason
UNIFORUM ZACR

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SPEAKERS INCLUDE:

Kojo Boakye
Programme Manager
COMMONWEALTH TELECOMMUNICATIONS ORGANISATION

Mary Nma Uduma
Member of the Executive Committee of AfTLD and President
NIGERIA INTERNET REGISTRATION

Dr Olajide Adebola
President
SOCIETY FOR TELEMEDICINE AND EHEALTH IN NIGERIA

Patrick MASAMBU
Deputy Director General & Director of Technical Affairs International
INTERNATIONAL TELECOMMUNICATIONS SATELLITE ORGANISATION

Paul Chinenye Ugoji
Head, Strategic Initiatives
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Dr Salma Abbasi
Founder, Chairperson and CEO
e WORLDWIDE GROUP

Udy Okon
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Francis Wangusi
Director General
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Lolia Emakepore
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Nkechi Nwaogu
Senator
FEDERAL REPUBLIC OF NIGERIA

Margaret Chalwe-Mudenda
Director General
ZAMBIA INFORMATION & COMMUNICATIONS TECHNOLOGY AUTHORITY

Sunil Kanti Bose
Chairman
BANGLADESH TELECOMMUNICATION REGULATORY COMMISSION

David C. Drummond
Senior Vice President, Corporate Development and Chief Legal Officer
GOOGLE

Osita Iweze
Deputy Managing Director
HUAWEI TECHNOLOGIES NIGERIA

Mickey Mashale
Managing Executive, Public Enterprise
VODACOM

Gerald Ilukwe
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GALAXY BACKBONE LTD

Marianne Treschow
CTO Ambassador and Senior Advisor to the
ERICSSON GROUP

Martha Omoekpen ALADE
Chairperson
WOMEN IN TECHNOLOGY IN NIGERIA

Larry Annetts
Chief Marketing Officer
MTN NIGERIA

Daniel Asfaw
ACOPEA Project Coordinator
E-SAFETY PILOT

Silvanus Ehikoya
Director, New Media and Information Security
NIGERIAN COMMUNICATIONS COMMISSION

Kafui Prebbie
Chief Executive Officer
TECHAIDE

SPEAKERS

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