

Sunday, September 09, 2018

ITU Specialized Session

Tenth CTO Meeting

Sunday, September 09, 2018, 9:30 AM - 4:00 PM, Room 11ABE

By invitation only.

For more information, please visit: <https://www.itu.int/en/ITU-T/tsbdir/cto/Pages/default.aspx>.

Monday, September 10, 2018

Forum Session

5G for a smarter world

Monday, September 10, 2018, 9:15 AM - 9:30 AM, Room 22

More than a network upgrade or evolution to the next generation, 5G promises a revolution in terms of flexibility, latency, quality and speed. This game-changing ability to slice the network will enable the provision of tailored services to different industry sectors and customer use cases. But how far have we really come in 5G deployment around the world, and what are the latest technological solutions and developments? What viable investment frameworks and business models are on the horizon? How can we best collaborate on the challenges of spectrum, standardization and data privacy across such a variety of verticals, uses and technologies? Are we in danger of building isolated 5G smart spots rather than smart societies?

Open to Leader Pass, Executive Pass, Forum Pass, and Media Pass holders

Forum Session

Leapfrogging to 5G?

Monday, September 10, 2018, 9:30 AM - 10:30 AM, Room 22

New technologies offer the opportunity for emerging markets to leapfrog developmental stages, unencumbered by legacy networks or outmoded regulatory frameworks. Learning from the experiences of developed markets and investing directly in future infrastructure can accelerate digital inclusion and the creation of smart societies in Africa and beyond. But how feasible is 5G deployment where current

infrastructure is limited? What funding or business models can best be harnessed to prepare for 5G and the opportunities it provides? What are the technological, policy and investment barriers – and how can government and industry work together to provide solutions to accelerate development?

Open to Leader Pass, Executive Pass, Forum Pass, and Media Pass holders

- Moderator

MARIO MANIEWICZ, Deputy Director, Radiocommunication Bureau, ITU, International Telecommunication Union, United Nations

- Panellists

Marc Vancoppenolle, Global Head of Nokia Government Relations, Nokia Solutions & Networks Belgium NV, Belgium

Paris Mashile, Counsellor, Independent Communications Authority of South Africa (ICASA), South Africa

Mr. Abdoukarim Soumaila, Secretary-General, African Telecommunications Union, Kenya

Networking Event

VIP Tour

Monday, September 10, 2018, 10:00 AM - 10:45 AM, -

An exclusive opportunity to explore the exhibition at ITU Telecom World 2018, highlighting the unique mix of technologies, solutions, sectors and countries across National Pavilions, Thematic Pavilions, Independent Stands, and small to medium tech companies.

By invitation only

Networking Event

Networking Break

Monday, September 10, 2018, 10:30 AM - 11:00 AM, Level two, Foyer

An opportunity to relax, make new connections and exchange views in the networking refreshment break between Forum sessions.

Open to Leader Pass, Executive Pass, Forum Pass, and Media Pass holders

Ceremony

Opening Ceremony

Monday, September 10, 2018, 11:00 AM - 12:00 PM, The Arena

The official event launch, opening ITU Telecom World 2018 before an audience of event participants and special guests, including Ministers, regulators, C-level industry representatives, exhibitors, Forum speakers and accredited media.

Open to all pass categories

- **Speaker**

Houlin Zhao, Secretary-General, International Telecommunication Union, Switzerland

Ceremony

Event Opening Keynotes

Monday, September 10, 2018, 12:00 PM - 12:30 PM, -

Thought-leadership, stimulating insights, case studies and international perspectives from high-level representatives of government and industry, addressing the central theme of innovation for smarter digital development to make the world better, sooner.

Open to all pass categories

Networking Event

Leaders Networking Lunch

Monday, September 10, 2018, 12:30 PM - 2:00 PM, -

Following the first morning of activities at the event, this high-profile networking lunch offers an exclusive opportunity for leaders to connect with fellow delegates from public and private sectors in an engaging social environment.

Open to Leader Pass holders

Networking Event

Networking Lunch

Monday, September 10, 2018, 12:30 PM - 2:00 PM, -

An opportunity to connect and interact with fellow delegates from government, industry and regulatory bodies in a relaxed social environment.

Open to Leader Pass, Executive Pass, Forum Pass, and Media Pass holders on a first-come first-served basis

Press Conference

Event Opening Press Conference

Monday, September 10, 2018, 1:45 PM - 2:30 PM, Room 11 CD

The Press Conference brings together major news agencies and influential global, regional and South African media from within the ICT industry. It highlights what to expect during the week, outlining the core themes to be debated and illustrating further how ITU Telecom World 2018 is providing the global platform for governments, corporates and SMEs to explore key questions on innovation for smart digital development. The Press Conference will feature an influential line-up of speakers including the ITU Secretary-General, high-level representatives from the Host Country, South Africa, and key event participants.

Open to Leader Pass, Executive Pass, Forum Pass, and Media Pass holders

ITU Specialized Session

Innovation Power Session: Aligning digital transformation strategies and policies to national development agenda

Monday, September 10, 2018, 2:00 PM - 4:00 PM, Room 11CD

One of the main challenges in digital transformation is that digital innovation policies and programs fostering entrepreneurship, small and medium firm creation, and high growth firm expansion can be misaligned or missing key enablers. With the misalignment and understanding issues, there is lack of synergies and collaboration to meet the overachieving national objectives. Therefore it is imperative to explore aligning country digital transformation strategies and policies to national development agenda.

The aim of each session is bring autonomy and mastery on how to do this for participants who have a keen interest in the subject. Through expert dialogue, national experience sharing and guided exercise, this session will bring stakeholders to a common understanding on challenges and opportunities to aligning digital transformation strategies and policies to national development agenda.

- Power session are designed as a panel, interactive audience feedback, and training session, all-in-one to empower stakeholders interested in innovation or digital transformation strategies, polices, programs and projects development.
- Each power session explore in-depth the key challenges of driving ICT centric Innovation intoan economy.
- Participants will be involved in interactive dialogues to deepen an understanding of the topic, using powerful tools developed by ITU

Pre-registration is recommended for the session due to limited space

Forum Session

Forum Summit: Digital Everyone

Monday, September 10, 2018, 2:00 PM - 3:15 PM, Room 22

Connecting the unconnected half of the world's population is one of the grand challenges of our time. Access to and inclusion in the digital economy is imperative to driving social and economic development and improving lives everywhere. Innovations in technology, policy, business models and partnerships are stimulating infrastructure deployment and increasing network coverage, reach, speed and volume. But for connectivity to be meaningful, it must be affordable and provide good quality, offering relevant local content and services in local languages. What innovative technologies or hybrid technological solutions are proving successful? How can partnerships between public, private, civic and academic stakeholders expand last-mile connectivity? What measures can be adopted to drive adoption via digital literacy programmes, local content, core government services or public awareness of the benefits of smart societies? How can we facilitate and foster investment in infrastructure and innovation in smart applications and services?

Open to Leader Pass, Executive Pass, Forum Pass, and Media Pass holders

- Panellists

Rob Shuter, CEO & President, MTN Management Services, -

Ms. Amani Abou-Zeid, Commissioner for Infrastructure and Energy, African Union, South Africa

Ms. Elisabeth Medou Badang, CEO, SVP African & Indian Ocean, and Spoke person at Middle East and Africa, Orange, France

Siyabonga Cyprian Cwele, Minister, Ministry of Telecommunications and Postal Services, South Africa

Partner Session

TDIA Partner Session

Monday, September 10, 2018, 2:30 PM - 5:00 PM, Room 12 ABE

Open to all pass categories

Sponsored by



Networking Event

Networking Break

Monday, September 10, 2018, 3:15 PM - 3:45 PM, Level two, Foyer

An opportunity to relax, make new connections and exchange views in the networking refreshment break between Forum sessions.

Open to Leader Pass, Executive Pass, Forum Pass, and Media Pass holders

ITU Specialized Session

BDT M-Powering meeting

Monday, September 10, 2018, 3:30 PM - 6:00 PM, Room 12 CD

The m-Powering Development Initiative is designed to create an action plan and resources to deploy ICT services from m-Health, m-Banking and m-Learning to m-Governance, m-Commerce and other m-services. In doing so, it can cut costs and reshape public service delivery for the better for many millions of individuals, particularly those living in remote or rural areas of the world. ITU's Telecommunication Development Bureau is coordinating this initiative with an Advisory Board of eminent senior experts drawn from public and private sectors. The Board's work will contribute to the successful implementation of the United Nations Sustainable Development Goals (SDGs) adopted under the 2030 Sustainable Development Agenda.

By invitation only

Forum Session

Forum Summit: Beyond connectivity

Monday, September 10, 2018, 3:45 PM - 5:00 PM, Room 22

New technologies and applications have enormous potential to radically accelerate human, social and economic development across the world. But technological change at such an exponential rate also brings unexpected challenges and risks, with little time for governments, industry, societies and individuals to prepare for new realities. Real concerns focus on areas such as cybersecurity, data protection and privacy, the AI threat to existing jobs, child online protection, social media manipulation, and the uncertain psychological impact of new technologies. Do we need a multi stakeholder approach combining governments, regulators, ICT industries, major vertical sector leaders, civic groups and academia to explore these issues? How can we prepare for coming changes, ascertain and minimize the risk of new technologies? What regulatory, policy and ethical frameworks should we establish – and who is best placed to develop them? How can we ensure cybersecurity, digital and civic education, privacy, innovation and ethics are addressed throughout emerging and developed markets alike?

Open to Leader Pass, Executive Pass, Forum Pass, and Media Pass holders

• Panellist

Mr Sipho Maseko, Chief Executive Officer, Telkom SA SOC Ltd., -

Networking Event

LeaderSpace Happy Hour hosted by Quika

Monday, September 10, 2018, 5:00 PM - 6:00 PM, Leader Space

Join international leaders of industry and government in an exclusive, relaxed social gathering following the first day of event activities, hosted by Quika, offering the world's first free satellite internet service.

Open to Leader Pass and Executive Pass holders

Sponsored by



Networking Event

Welcome Reception

Monday, September 10, 2018, 6:00 PM - 9:00 PM, -

Hosted by South Africa, the spectacular Welcome Reception offers entertainment, fine dining and high-level networking at the end of the first day of the event, featuring the fascinating colours, culture and natural splendour of the host nation.

Open to Leader Pass, Executive Pass, Forum Pass, and Media Pass holders

Tuesday, September 11, 2018

Forum Session

Ministerial Roundtable - Government: enabling smarter digital development

Tuesday, September 11, 2018, 9:15 AM - 10:30 AM, Room 22

The first session of the Ministerial Roundtable addresses the instrumental role of government in driving ICT deployment and adoption of networks, services and applications. As the principal digital end-user, procurer, policy-maker and regulator, governments are uniquely responsible for the growth of the digital economy at national, regional and global levels. How can administrations shape policy frameworks and allocate budget to ensure universal connectivity, access and uptake? How can smart innovation

transform public services to better meet the needs of citizens? What are the main challenges in creating an enabling environment for digital innovation and smarter societies? What opportunities for collaboration can be explored at regional level, or in the context of international platforms such as ITU?

Open to Leader Pass, Executive Pass, Forum Pass, and Media Pass holders

- Moderator

Stella Tembisa Ndabeni-Abrahams, Vice Minister, Ministry of Telecommunications and Postal Services, -

- Keynote Speaker

Houlin Zhao, Secretary-General, International Telecommunication Union, Switzerland

- Speakers

H.E. Ms. Mmamoloko Kubayi-Ngubane, Minister, Department of Science and Technology, -
Dan Sjöblom, Director General, Swedish Post and Telecom Authority (PTS), -

Forum Session

Securing spectrum for smarter digital development: The road to WRC-19

Tuesday, September 11, 2018, 9:15 AM - 9:30 AM, Room 12 ABE

An ever-growing number of stakeholders, new technologies and data-hungry services are competing for spectrum worldwide. Securing spectrum is critical to ensuring the development of new markets, industry sectors, smart solutions and applications. The balancing act between the need for socio-economic development, ensuring universal service and enabling smart innovation is both sensitive and specific to each region or administration. This keynote session will examine the main issues, trends and challenges spectrum use in the context of the preparatory discussions taking place in the lead-up to the ITU World Radiocommunication Conference in 2019.

Open to Leader Pass, Executive Pass, Forum Pass, and Media Pass holders

- Keynote Speaker

François Rancy, Director of the ITU's Radiocommunication Bureau, International Telecommunication Union, Switzerland

Forum Session

Spectrum challenges: preparing for WRC-19

Tuesday, September 11, 2018, 9:30 AM - 10:30 AM, Room 12 ABE

Exponential growth in data traffic, from consumer videos to IoT applications, mobile broadband and new

technologies such as virtual reality and 5G services, is putting limited spectrum resources under extreme pressure. As competing incumbent stakeholders jostle claims for spectrum with these new market entrants, new approaches to spectrum management, administration and coordination are being called for. How can the complex equation of socio-economic needs in different economies and regions best be met? Can spectrum sharing initiatives such as CBRS or dynamic spectrum allocation provide a meaningful solution? How should the issue of licensed versus unlicensed spectrum use be addressed? How can we prepare for the multiple use cases and demands of 5G-enabled network slicing? What are the main issues under discussion across different regions in preparation for the ITU World Radiocommunication Conference in 2019?

Open to Leader Pass, Executive Pass, Forum Pass, and Media Pass holders

- Moderator

François Rancy, Director of the ITU's Radiocommunication Bureau, International Telecommunication Union, Switzerland

- Panellists

Ross Bateson, Special Adviser, Government Affairs, GSMA, -

Ms. Elizabeth Migwalla, Senior Director and Head of Government Affairs-Africa, Qualcomm Inc., South Africa

Networking Event

Networking Break

Tuesday, September 11, 2018, 10:30 AM - 11:00 AM, Level two, Foyer

An opportunity to relax, make new connections and exchange views in the networking refreshment break between Forum sessions.

Open to Leader Pass, Executive Pass, Forum Pass, and Media Pass holders

Forum Session

The positive power of trusted Smart ABC (AI, Banking, and Cities)

Tuesday, September 11, 2018, 11:00 AM - 11:15 AM, Room 11 ABE

AI is a key enabler of smart, emerging applications in digital financial services and smart cities, enabling data to be analysed and actioned to improve quality of life, efficiency of services and economic productivity. How are the three Smart ABC fields contributing to smart digital development? What can we learn from success stories and case studies around the world? How are AI, smart banking services and the growth of smart cities impacting across the African region?

Session part of the Smart ABC Programme

Open to Leader Pass, Executive Pass, Forum Pass, and Media Pass holders

Forum Session

Ministerial Roundtable - Addressing the risks of a smarter world

Tuesday, September 11, 2018, 11:00 AM - 12:15 PM, Room 22

The second session of the Ministerial Roundtable discusses the main challenges and risks posed by smart digital development, such as creating adequate and enforceable data privacy and security frameworks, ensuring citizen trust in smart government services, preparing for the impact of AI and automatization on the labour market and building digital skills for both industry and society. Does government need to present a better case for the benefits of smart development and balance negative perceptions on misuse of data? How can citizen uptake of new ICT-enabled services and applications be accelerated? What new approaches or policies can empower digital citizens through education, life-long learning and digital literacy?

Open to Leader Pass, Executive Pass, Forum Pass, and Media Pass holders

- Moderator

Brahima Sanou, Director of ITU's Telecommunication Development Bureau, International Telecommunication Union, Switzerland

Forum Session

Artificial Intelligence: impact and ownership

Tuesday, September 11, 2018, 11:15 AM - 12:15 PM, Room 11 ABE

As AI deployment and applications expand, algorithms are performing ever more tasks beyond human capability or previously thought to rely on human creativity. But how can AI and the data it generates be managed or regulated? As AI increasingly replaces humans across different industry sectors and jobs, how can governments, society and individuals prepare for the economic singularity? Should we consider measures such as life-long learning or basic income provision? How can we best create social good through AI – in Africa, and throughout the world?

Session part of the Smart ABC Programme

Open to Leader Pass, Executive Pass, Forum Pass, and Media Pass holders

- Moderator

REINHARD SCHOLL, -, International Telecommunication Union, United Nations

- Panellists

Anne Carblanc, Head of Division on Digital Economy Policy, Organisation for Economic Co-

operation and Development, France

Ms. Moira de Roche, Chairman, IFIP IP3, South Africa

Networking Event

Networking Lunch Sponsored by Senegal

Tuesday, September 11, 2018, 12:30 PM - 2:00 PM, -

Join the Director-General of the Senegalese regulatory body ARTP, high-level members of the Senegalese delegation and invited guests for a relaxing lunch, and find out more on how the Senegal government is committed to investing in innovative ICT projects and partnerships, putting citizen services and e-government activities in particular at the heart of the digital economy.

Open to Leader Pass, Executive Pass, Forum Pass, and Media Pass holders on a first-come first-served basis

Sponsored by



Senegal

Networking Event

Networking Lunch Sponsored by CITRA Kuwait

Tuesday, September 11, 2018, 12:30 PM - 2:00 PM, -

A unique opportunity to find out more on key projects and partnership options, connecting with high-level representatives from Kuwait's regulatory body, CITRA, in the relaxed, social environment of a networking lunch.

Open to Leader Pass, Executive Pass, Forum Pass, and Media Pass holders on a first-come first-served basis

Sponsored by



ITU Specialized Session

Innovation Power Session: Monitoring ICT centric innovation policies and programs

Tuesday, September 11, 2018, 2:00 PM - 4:00 PM, Room 11CD

It is of great importance for policy-makers, senior executives and entrepreneurial leaders to monitor ICT centric innovation-focused strategies, policies and programmes in their organizations, local regions and nations. This session will explore what is ICT based innovation policies, what are the key dimension of these policies, and how to monitor these policies and programs based on evidence and comparable measurements of ICT innovations ecosystems capabilities.

The aim of each session is bring autonomy and mastery on how to do this for participants who have a keen interest in the subject. Through expert dialogue, national experience sharing and guided exercise, this session will bring stakeholders to a common understanding on challenges and opportunities to monitoring ICT centric innovation policies and their evidence based good practices.

- Power session are designed as a panel, interactive audience feedback, and training session, all-in-one to empower stakeholders interested in innovation or digital transformation strategies, polices, programs and projects development.

- Each power session explore in-depth the key challenges of driving ICT centric Innovation into an economy.

- Participants will be involved in interactive dialogues to deepen an understanding of the topic, using powerful tools developed by ITU

Pre-registration is recommended for the session due to limited space

Forum Session

Digital finance: Innovative economic solutions for all

Tuesday, September 11, 2018, 2:00 PM - 3:15 PM, Room 11 ABE

The innovative use of smart technologies has already begun to transform the financial industry and reshape the global financial ecosystem. Which disruptive technologies will flourish and have the greatest impact on our lives? As machines trade with each other, how can we ensure the transaction of values? What are the challenges of digital currencies – and will they really replace existing national currencies? Will super-intelligent quantum computers be able to unchain blockchain and disrupt secure data transmission?

Session part of the Smart ABC Programme

Open to Leader Pass, Executive Pass, Forum Pass, and Media Pass holders

- Panellists

- Mr Khomotso Molabe, Chief Information Officer, Personal & Business Banking, Standard Bank, -
 - Kamran Aqasi, Director, Innovations Center LLC, Azerbaijan

- Bruno Huttner, Director for Quantum Space Programs, ID Quantique, -

- Stephen Ibaraki, Founding Chair, Global Industry Council & Vice-chair, IP3 Board, International Federation for Information Processing, Canada

ITU Specialized Session

M-powering for development

Tuesday, September 11, 2018, 2:30 PM - 3:00 PM, Room 12 CD

Mobile networks are often the most widespread and reliable infrastructure in emerging markets where large sections of the population are frequently underserved by basic services, whilst mobile phones provide a universal communications tool capable of delivering almost any kind of digital service. Encouraging large-scale expansion in mobile communications use to address inclusiveness and stimulate socio-economic development is therefore the aim of the m-Powering Initiative. It does so by identifying new types of partnerships and funding models needed to build impactful win-win solutions to improve access to education, healthcare, agricultural, financial and governmental services at affordable prices. The new m-Powering Initiative report provides stakeholders with a common framework to leverage the potential of mobile technologies to build sustainable development models and achieve the SDGs in today's fast-changing digital environment. This session will focus on how the m-Powering Initiative can make a difference through impactful strategies and frameworks for increasing access and affordability, advocacy and partnerships to empower people using mobile technologies.

Open to Leader Pass, Executive Pass, Forum Pass, and Media Pass holders

Networking Event

Networking Break

Tuesday, September 11, 2018, 3:15 PM - 3:45 PM, Level two, Foyer

An opportunity to relax, make new connections and exchange views in the networking refreshment break between Forum sessions.

Open to Leader Pass, Executive Pass, Forum Pass, and Media Pass holders

Forum Session

Smart cities: innovations in sustainable urban living

Tuesday, September 11, 2018, 3:45 PM - 5:00 PM, Room 11 ABE

Smart cities are the digital transformation of public services to improve urban living in areas such as infrastructure, mobility, transport, resource allocation, health and education. What current smart city initiatives are leading the way around the world? How can we use technology to make city living better, balance gender equality in public services and increase civic involvement in local government? Can developments in IoT and AI open up new opportunities to understand the real challenges of modern

urban life and provide innovative solutions? What features will distinguish a smart city in Africa?

Session part of the Smart ABC Programme

Open to Leader Pass, Executive Pass, Forum Pass, and Media Pass holders

- Moderator

BILEL JAMOUCSI, Manager, International Telecommunication Union, United Nations

- Panellist

Ms Samia Melhem, Lead Policy Specialist, Transport and ICT Global Lead, Digital Development CoP, World Bank, USA

Forum Session

Ministerial Roundtable - Financing digital development

Tuesday, September 11, 2018, 3:45 PM - 5:00 PM, Room 22

The third session of the Ministerial Roundtable explores new financing and business models required to advance digital transformation and move towards smarter societies throughout the world. What can we learn from the initiatives and recommendations presented in other platforms such as the OECD roadmap for digitalization, or the Broadband Commission discussion paper “A New deal: investing in our common future. Policy recommendations to close the broadband gap”? What successful case studies and best practice in public private partnership can we draw on? How can governments provide a healthy investment climate through transparent, fair and stable initiatives in areas such as regulation, licencing, taxation and spectrum?

Open to Leader Pass, Executive Pass, Forum Pass, and Media Pass holders

- Moderator

MALCOLM JOHNSON, -, International Telecommunication Union, United Nations

- Speakers

Siyabonga Cyprian Cwele, Minister, Ministry of Telecommunications and Postal Services, South Africa

Mr Thomas Chalumeau, Chief Strategy Officer, Orange, France

Karine Minasyan, Member of the Board (Minister) for Internal Markets, Informatization, ICT, Eurasian Economic Commission, Armenia

Ms. Amani Abou-Zeid, Commissioner for Infrastructure and Energy, African Union, South Africa

Shameel Joosub, Chief Executive Officer, Vodacom SA (Pty) Limited, South Africa

Networking Event

LeaderSpace Happy Hour hosted by GEW Technologies

Tuesday, September 11, 2018, 5:00 PM - 6:00 PM, Leader Space

Sponsored by



Networking Event

Zimbabwe Night

Tuesday, September 11, 2018, 7:00 PM - 9:00 PM, -

Join leading representatives of Zimbabwe's government and industry, high-level guests and fellow delegates in an exclusive gala evening of dining, entertainment and networking.

Open to Leader Pass, Executive Pass, Forum Pass, Exhibition Pass, and Media Pass holders on a first-come first-served basis

Sponsored by



Zimbabwe

Wednesday, September 12, 2018

Forum Session

New radio systems for smarter digital development

Wednesday, September 12, 2018, 9:15 AM - 9:30 AM, Room 22

Radiocommunication technologies are a crucial element in smart digital development: alone, or as part of a hybrid solution, they provide connectivity, coverage and services in geographically-challenged areas, as well as ensuring mobile broadband, quality of service, resilient infrastructure and dependable disaster recovery and relief support. From high throughput to on-the-ground systems and connectivity through

backhaul capabilities provided by radio systems, what are the latest developments driving the radiocommunications ecosystem in the digital era? How can public private partnerships provide financing and viable business models? Who is taking the lead to date – and what vision of the future do smart radiocommunication-based solutions offer?

Open to Leader Pass, Executive Pass, Forum Pass, and Media Pass holders

ITU Specialized Session

Smart ABC Expert Roundtable: How human economies can benefit from smart machines

Wednesday, September 12, 2018, 9:30 AM - 10:45 AM, Room 12 CD

AI, machine learning, big data and data analytics have incredible transformative potential in the financial sector, enabling solutions, applications and new markets well beyond human capability alone. But how should we regulate the decisions, actions and impact of AI, and who should be responsible? How should we manage the ownership and implementation of new types of datasets generated by digital financial services? How can AI empower financial services to perform better with data – and how can we balance human and machine input and initiatives to ensure optimal, trusted customer service?

Session part of the Smart ABC Programme

Open to Leader Pass, Executive Pass, Forum Pass, and Media Pass holders

ITU Specialized Session

Rise of the MVNOs: Leveraging MVNOs in an 'everything connected' world

Wednesday, September 12, 2018, 9:30 AM - 5:00 PM, Room 11 CD

The session will explore the cross-overs between MVNOs and various verticals including banking, utilities, agriculture, transport, and smart cities. In addition, this workshop will examine how MVNOs can innovate through new business models, and embrace emerging technologies such as IoT/M2M, blockchain, 5G and AI.

This workshop will bring together Mobile Virtual Network Operators (MVNOs), MobileVirtual Network Enablers (MVNEs) Mobile Network Operators (MNOs), connectivity providers, banks, utility companies, vehicle manufacturers, OEMs, industry associations, analysts, and government representatives.

Open to all pass categories

Forum Session

Wireless technologies for Africa: the opportunity ahead

Wednesday, September 12, 2018, 9:30 AM - 10:30 AM, Room 22

As point-to-multipoint systems with established infrastructure, the newest radio technologies can provide full and instantaneous coverage in rural and remote regions, regardless of difficulties in terrain or climate. Working in partnership with current networks, technologies such as HTS, non-GSO constellations, HAPS, or unlicensed broadband systems are uniquely positioned to provide integrated services to users throughout Africa, maximizing efficiency, guaranteeing quality of service, mobility and resilience. How will these new systems be used to connect the unconnected throughout the continent, promoting digital inclusion and providing smart services? What are the technical, regulatory and policy challenges in the region? Who are the main players, what partnerships are proving successful, and how will the wireless future develop in Africa?

Open to Leader Pass, Executive Pass, Forum Pass, and Media Pass holders

- Moderator

JOAQUIN RESTREPO MEJIA, Head, OPS, International Telecommunication Union, United Nations

- Panellists

Jean-Claude Tshipama, CEO Broadband Africa, Eutelsat S.A., France

Tony Azzarelli, VP Global Licensing and Spectrum Affairs, OneWeb, United Kingdom

Akinwale Goodluck, Head of Sub Saharan Africa, GSMA, Kenya

Veni Shone, President, LTE Product Line, Huawei Technologies Co., Ltd., China

Networking Event

Networking Break

Wednesday, September 12, 2018, 10:30 AM - 11:00 AM, Level two, Foyer

An opportunity to relax, make new connections and exchange views in the networking refreshment break between Forum sessions.

Open to Leader Pass, Executive Pass, Forum Pass, and Media Pass holders

Networking Event

Ghana Day - National Pavilion Spotlight

Wednesday, September 12, 2018, 10:30 AM - 11:30 AM, Showfloor

Meet and connect with high-level government, regulatory and industry representatives of Ghana's dynamic ICT sector, including leading small and medium businesses, in the Ghana Pavilion at the heart of the ITU Telecom World 2018 showfloor. Explore innovative projects in e-government and digital education, find out more on investment and partnership opportunities - and discover Ghana's world of tech!

Open to all pass categories

Sponsored by



Ghana

ITU Specialized Session

Smart ABC Expert Roundtable: The role of digital finance in smart, sustainable cities

Wednesday, September 12, 2018, 11:00 AM - 12:15 PM, Room 12 CD

Digital financial services are key to the effective operation of many aspects of smart cities, improving smart urban living in all areas from transportation to health, homes, utilities and public services. What are the barriers to adopting or increasing the use of smart banking in terms of standardization, regulation, security and infrastructure? How can we make digital financial services secure to increase trust and minimize security risks? Where will the greatest impact of fintech and disruptive financial services be felt? Will smart financial services increase inclusivity by bringing more and more of the unbanked into financial systems – and what successful examples of smart banking in Africa can we emulate and build on?

Session part of the Smart ABC Programme

Open to Leader Pass, Executive Pass, Forum Pass, and Media Pass holders

Forum Session

Rethinking regulation, enabling smart digital development

Wednesday, September 12, 2018, 11:00 AM - 12:15 PM, Room 22

New regulatory approaches are urgently required to meet the new realities of digital transformation – from new technologies and solutions in AI, IoT and 5G to new market players, industry sectors and business models. Should regulators favour forbearance or light-touch regulation, adopt new policy frameworks or move from enforcing to monitoring? How can stimulating innovation and fair competition be balanced against consumer protection, privacy and security? What regulatory approaches could deliver the benefits of AI whilst regulating algorithms, ownership and control to provide transparency and accountability? Who is responsible for ensuring the secure and trusted flow of data in open government services and in a globalised economy? How can public and private sector collaboration enable regulators to share best practices and build capacity for smart development?

Open to Leader Pass, Executive Pass, Forum Pass, and Media Pass holders

- Moderator

Mr Philippe Defraigne, Director, Cullen International S.A., Belgium

- Panellists

Robert Middlehurst, Vice President International Regulatory Affairs, Emirates Telecommunication Corporation - Etisalat, United Arab Emirates

Molly Leshner, Counsellor, Organisation for Economic Co-operation and Development, France

Mr. Fraser Graham, Senior Director Policy Engagement, GSMA, United Arab Emirates

Forum Session

Digital innovation ecosystems: the key to Industry 4.0

Wednesday, September 12, 2018, 11:00 AM - 12:15 PM, Room 12 ABE

Meeting national visions of the 4th Industrial Revolution and realising the opportunities of the digital transformation of industry and manufacturing calls for the creation of Industry 4.0 digital ecosystems. Innovative digital ecosystems must be open to the ongoing adoption of new technologies and the development of new business models within different industry sectors. Bringing together leading representatives from the ICT sector and Industry 4.0, this session will explore the key dynamics of building digital innovation ecosystems to support Industry 4.0. Who are the main stakeholders currently working to achieve the Industry 4.0 vision, and what is the current state of play? How can stimulating digital innovation ecosystems create the right environment for the transformation necessary to achieve the 4th industrial revolution? What existing relevant practices, case studies and success stories should we learn from?

Open to Leader Pass, Executive Pass, Forum Pass, and Media Pass holders

Networking Event

Networking Lunch - sponsored by the Republic of Korea

Wednesday, September 12, 2018, 12:30 PM - 2:00 PM, -

A unique opportunity to find out more on key projects, latest technological developments and partnership options whilst connecting with high-level representatives from the government and ICT industry of Korea, in the relaxed, social environment of a networking lunch.

Open to Leader Pass, Executive Pass, Forum Pass, and Media Pass holders on a first-come first-served basis

Sponsored by



Republic of Korea

Networking Event

Networking Lunch

Wednesday, September 12, 2018, 12:30 PM - 2:00 PM, -

-

ITU Specialized Session

Digital Identity experts consultation (Digital Identity project)

Wednesday, September 12, 2018, 1:30 PM - 3:00 PM, LeaderSpace

This session will enable digital identity experts to discuss and provide feedback on BDT's digital Identity implementation toolkit and roadmap.

By invitation only

Forum Session

High Level African Investment Dialogue

Wednesday, September 12, 2018, 1:45 PM - 3:30 PM, Room 22

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• Moderator

Siyabonga Cyprian Cwele, Minister, Ministry of Telecommunications and Postal Services, South Africa

• Panellist

Rob Shuter, CEO & President, MTN Management Services, -

ITU Specialized Session

Smart ABC Expert Roundtable: A new concept of future-powered cities

Wednesday, September 12, 2018, 2:00 PM - 3:15 PM, Room 12 CD

AI technologies have enormous potential for using the massive data sets generated by smart city sensors to improve the quality of urban living in terms of services, infrastructure and sustainability. What concrete case studies do we have of improving cities with AI? How can standardization ensure the safety of citizens through privacy, network security, and regulation on data management? What measures should be taken for the beneficial use of AI technology, in particular in the trial and development period? How can we make citizens smarter and enhance lives through AI in terms of education, health and other services? How can we ensure that deploying AI in smart cities does not deepen the digital divide – between rural and urban areas, and between emerging and developed nations?

Session part of the Smart ABC Programme

Open to Leader Pass, Executive Pass, Forum Pass, and Media Pass holders

Forum Session

4th Economic Expert Roundtable

Wednesday, September 12, 2018, 2:00 PM - 4:00 PM, Room 11 ABE

The Economic Expert Roundtable brings together economic and industry experts from global ICT consulting firms, R&D entities, regional and international organizations to exchange views and analysis on the latest trends and issues related to the development of telecommunications/ICT infrastructure, focusing principally on economic and financial aspects.

Open to Leader Pass, Executive Pass, Forum Pass, and Media Pass holders

Networking Event

Networking Break

Wednesday, September 12, 2018, 3:15 PM - 3:45 PM, Level two, Foyer

An opportunity to relax, make new connections and exchange views in the networking refreshment break between Forum sessions.

Open to Leader Pass, Executive Pass, Forum Pass, and Media Pass holders

ITU Specialized Session

Smart ABC Expert Roundtable: Synergies and sustainability: accelerating digital development through smart technologies.

Wednesday, September 12, 2018, 3:45 PM - 5:00 PM, Room 12 CD

Concluding the Smart ABC Programme, this session focuses on the key outcomes of the debates in Durban on the intersection between artificial intelligence, digital financial services and smart cities. What successful case studies, best practices and new developments have we explored? What are the key challenges in terms of trust, security, standardization and regulation – and how should we construct a multi stakeholder framework to tackle these issues? What initiatives in funding, public awareness, digital literacy and education are critical to realising the huge potential for social and economic good that Smart ABC can deliver? And what is the role of Smart ABC in furthering smart digital development across Africa?

Session part of the Smart ABC Programme

Open to Leader Pass, Executive Pass, Forum Pass, and Media Pass holders

Forum Session

Adopting digital identification for development

Wednesday, September 12, 2018, 3:45 PM - 5:00 PM, Room 12 ABE

The use of digital technologies for identification and authentication is opening up new opportunities for solving a fundamental challenge for many of the SDGs: the ability to securely and accurately identify individuals. Doing so will facilitate the accurate delivery of economic and social rights and services such as vaccinations, distribution of government subsidies, financial payments, and access to education. The potential of digital identification is widely recognized, but the implementation and adoption of concrete initiatives present challenges in terms of the complexity of the ecosystem required, the need to ensure robust data protection and security, and the need to interoperate with existing services, systems and other identification schemes. What are current best practices in adopting and scaling up digital identification initiatives for foundational and functional identity? What results have been achieved? How are new technologies such as AI and blockchain being used for digital identification tools? How can countries implement and adopt a “Digital Identity Implementation Roadmap”?

Open to Leader Pass, Executive Pass, Forum Pass, and Media Pass holders

Forum Session

The future telco: revolution or evolution?

Wednesday, September 12, 2018, 3:45 PM - 5:00 PM, Room 22

Challenged by new technologies, new competitors from different spheres, new vertical sectors and emerging markets, telecommunications operators must find new roles and business objectives in the increasingly fragmented landscape of the digital economy. How can the traditional telco assets of customer relationships and data, spectrum and network infrastructure be exploited in the emerging smart economy? Where should the focus for future investment be – on developing video platform, vertical sector specializations, network virtualization, data centres or elsewhere? What is the best way to

overturn entrenched mindsets, attract new talent and drive innovation? How can telcos ensure a fair, competitive regulatory environment in areas such as taxation, licencing, data flow and privacy?

Open to Leader Pass, Executive Pass, Forum Pass, and Media Pass holders

- Panellists

Dan Sjöblom, Director General, Swedish Post and Telecom Authority (PTS), -

Mr Thomas Chalumeau, Chief Strategy Officer, Orange, France

Thursday, September 13, 2018

ITU Specialized Session

IDD3 Expert Group Consultation

Thursday, September 13, 2018, 9:00 AM - 10:30 AM, Room 12 CD

This session will facilitate a dialogue on the sideline of telecom on what IDDA3 is and what can be done to facilitate this within the ITU membership.

By invitation only

Forum Session

Who's keeping our data safe?

Thursday, September 13, 2018, 9:15 AM - 9:30 AM, Room 11 ABE

From misuse of social media or smart home devices to lack of transparency in privacy agreements and fears of industrial or governmental surveillance, safeguarding our personal data has become a major concern. But whose responsibility is data protection –the end user, the private sector, government or a mixture of all three? What collaborations, policy frameworks or good practices can we adopt or adapt? Can we find a better balance between convenience and privacy, or between the benefits and risks of free-flowing data? How can we best secure data at a personal, industrial or national level in an increasingly digital world?

Open to Leader Pass, Executive Pass, Forum Pass, and Media Pass holders

Forum Session

High Level Panel Discussion: Promoting ICT opportunities for women empowerment

Thursday, September 13, 2018, 9:15 AM - 10:30 AM, Room 11 CB

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- Moderator

Ms. Nonhlanhla Mkhize, Director-General, KwaZulu-Natal Provincial Government, -

- Keynote Speaker

Stella Tembisa Ndabeni-Abrahams, Vice Minister, Ministry of Telecommunications and Postal Services, -

- Panellist

Ms. Elizabeth Migwalla, Senior Director and Head of Government Affairs-Africa, Qualcomm Inc., South Africa

Forum Session

Strengthening collaboration in data protection

Thursday, September 13, 2018, 9:30 AM - 10:30 AM, Room 11 ABE

As regulation and data protection initiatives prove increasingly unable to keep pace with the exponential growth of data analytics and the digital economy, the potential for abuse of personal and business data continues to rise. Building trust at consumer, corporate and national levels, implementing fit-for-purpose data security measures, and wide-scale capacity building are essential to realizing the full benefits of the data value chain. What are the main security risks associated with new AI or IoT solutions, smart cities or digital financial services? How important is trust to the success of smart development? How are the various stakeholders in different geographies cooperating on security threats and breaches? What is the role of organizations such as ITU in strengthening global collaboration, sharing data best practices and building capacity to protect user data?

Open to Leader Pass, Executive Pass, Forum Pass, and Media Pass holders

- Panellist

Danielle Jacobs, Chairman, International Telecommunications Users Group, Netherlands

Networking Event

Networking Break

Thursday, September 13, 2018, 10:30 AM - 11:00 AM, Level two, Foyer

An opportunity to relax, make new connections and exchange views in the networking refreshment break between Forum sessions.

Open to Leader Pass, Executive Pass, Forum Pass, and Media Pass holders

ITU Specialized Session

ITU-UNIDO consultation with South African ecosystem

Thursday, September 13, 2018, 11:00 AM - 5:00 PM, Room 12 CD

ITU-UNIDO consultation with South African ecosystem (by invitation only) This session will facilitate kick off a joint program by ITU and UINDO that will seek to have a country assessment and project development in South Africa on industry 4.0.

By invitation only

Forum Session

Powering smart: the Internet of Things

Thursday, September 13, 2018, 11:00 AM - 12:15 PM, Room 11 CD

As more and more devices, machines and objects across all industry sectors are connected to each other, the internet and people, the Internet of Things is creating a continuously evolving ecosystem of intelligent devices. How critical is IoT standardization to ensure global harmonization, economies of scale and secure, trusted environments? Which markets or sectors are at the cutting edge of IoT deployment, who are the leading players and what monetization models are proving successful? What impact do advancements in 5G and AI have on IoT in terms of spectrum allocation, data flow, privacy and regulation? How can IoT power smart government services and socio-economic development – in Africa and throughout the world?

Open to Leader Pass, Executive Pass, Forum Pass, and Media Pass holders

• Panellist

Mr. Vikram Raval, Senior Policy Director, GSMA, United Kingdom

Forum Session

Lifelong learning and skills development in the digital era

Thursday, September 13, 2018, 11:00 AM - 12:15 PM, Room 11 ABE

Emerging technology trends related to the digital transformation, such as artificial intelligence, machine learning, IoT, and big data analytics, have profound implications for skills required for the evolving digital economy. In particular, the notion of lifelong learning has emerged as one of the key strategies for job security and employment in the digital era. What is the impact of AI on the labour market and what skills are needed today and in the future? How can educational institutions and training providers address these skills gaps? The session will provide an overview of recent developments in the debate on digital skills and lifelong learning and present concrete case studies on projects and activities that have been

implemented to address the emerging skills gap.

Open to Leader Pass, Executive Pass, Forum Pass, and Media Pass holders

Networking Event

Networking Lunch

Thursday, September 13, 2018, 12:30 PM - 2:00 PM, -

An opportunity to connect and interact with fellow delegates and high-level figures from government, industry and regulatory bodies in a relaxed social environment.

Open to Leader Pass, Executive Pass, Forum Pass, and Media Pass holders on a first-come first-served basis

Ceremony

ITU Telecom World Awards Ceremony

Thursday, September 13, 2018, 2:00 PM - 3:45 PM, -

The finalists and winners of the ITU Telecom World Awards 2018 will be announced by the ITU Secretary-General in a high-profile ceremony honouring the best in innovative ICT solutions, applications and services for social good.

Open to all pass categories

Networking Event

Farewell Reception

Thursday, September 13, 2018, 4:00 PM - 5:00 PM, Lunch Room

The Farewell Reception brings the four days of ITU Telecom World 2018 to a close with music and entertainment to accompany the formal goodbye to all delegates and guests.

Open to all pass categories
