

ABOUT ITU TELECOM WORLD

ITU Telecom World 2018 (TW-18), to be held in Durban, South Africa on 10- 13 September 2018, is an international platform **for all stakeholders of the ICT industry including governments, regulators, private companies and smaller tech pioneers** working together to accelerate ICT innovation for social and economic development. The event combines an exhibition for digital solutions, a forum for sharing knowledge, an Awards programme rewarding innovative ICT solutions for social good, and a networking hub to connect, exchange ideas, and explore partnership and investment opportunities. This is an event for all stakeholders to shape the future together.

INNOVATION FOR SMARTER DIGITAL DEVELOPMENT

Connectivity is the backbone of today’s society – and is expanding rapidly, connecting ever more people, machines and objects to each other. The digital transformation it enables is accelerating, disrupting almost every sector of the economy. The potential for improving human life, enabling social and economic development on an unprecedented scale, is enormous. However, there is a very real danger that the digital divide between the connected and unconnected will not only remain, but deepen, as smart services and innovative technologies are increasingly deployed in developed markets. How can we ensure that meaningful, relevant connectivity reaches all of the world’s citizens? What innovations in technology, policy and strategy can we expect to deliver smart development solutions in the near and distant future? What are the respective roles of the public sector, international organizations and industry bodies in strengthening cross-sectoral collaboration - and addressing both digital inclusion and the risks of living in a hyper-connected society? The Forum at ITU Telecom World 2018 will explore these and other key issues under the theme *“Innovation for smarter digital development.”*

INNOVATION FOR SMARTER DIGITAL DEVELOPMENT		
	Policy and regulatory dialogues	Technology and industry dialogues
Keynotes and Panel sessions	Addressing the risks of a smarter world [MinRT]	5G for a smarter world
	Adopting digital identification for development	Digital finance: Innovative economic solutions for all
	Artificial Intelligence: impact and ownership	Digital Financial Services
	Beyond connectivity	Leapfrogging to 5G?
	Digital everyone	New radio systems for smarter digital development
	Financing digital development [MinRT]	Powering smart: the Internet of Things
	Government: enabling smarter digital development [MinRT]	Smart cities: innovations in sustainable urban living Strengthening collaboration in data protection
	Lifelong learning and skills development	The future telco: revolution or evolution?
	Digital innovation ecosystems: the key to Industry 4.0	The positive power of trusted Smart ABC (AI, Banking, and Cities)
	Rethinking regulation, enabling smart digital development	Wireless technologies for Africa: the opportunity ahead
	Spectrum challenges: preparing for WRC-19	

OVERVIEW FORUM PROGRAMME

	Monday, 10-S		Tuesday, 11-S			Wednesday, 12-S		Thursday, 13-S		
Morning	Keynote: 5G for a smarter world	Partner session	Keynote: Securing spectrum for smarter digital development: The road to WRC-19 (keynote)	Ministerial Roundtable: Government: enabling smarter digital development (en/fr)		Keynote: New radio systems for smarter digital development (Keynote)	Partner session: OECD Going Digital: an integrated and effective approach to policymaking in the digital age		Fireside chat: Who's keeping our data safe?	
	Panel discussion: Leapfrogging to 5G?		Panel discussion: Spectrum challenges: preparing for WRC-19			Panel discussion: Wireless technologies for Africa			Panel discussion: Strengthening collaboration in data protection	High level discussion: Promoting ICT opportunities for women empowerment
	Opening Ceremony (en/fr)		Fireside chat : The positive power of trusted Smart ABC (AI, Banking, and Cities)	Partner session (GSMA) Spectrum economics and pricing	Ministerial Roundtable: Addressing the risks of a smarter world (en/fr)	Panel discussion: Rethinking regulation, enabling smart digital development	Panel discussion: Digital innovation ecosystems: the key to Industry 4.0	Panel discussion: Powering smart: the Internet of Things	Panel discussion: Lifelong learning and skills development in the digital era	
	Event opening keynotes (en/fr)		Panel discussion: Artificial Intelligence: impact and ownership (Smart ABC)			Panel discussion: Rethinking regulation, enabling smart digital development	Panel discussion: Digital innovation ecosystems: the key to Industry 4.0	Panel discussion: Powering smart: the Internet of Things	Panel discussion: Lifelong learning and skills development in the digital era	
Afternoon	Forum Summit Digital everyone (en/fr)	Partner Session (TDIA)	Panel discussion: Digital finance: Innovative economic solutions for all (Smart ABC)		Partner session (Huawei)	Roundtable: Forum session: 4th Economic Experts Roundtable	Panel discussion: High Level African Investment Dialogue	Ceremony: ITU Telecom World Awards 2018		
	Forum Summit Beyond connectivity (en/fr)	Partner Session (TDIA)	Panel discussion: Smart cities: innovations in sustainable urban living (Smart ABC)	Ministerial Roundtable: Financing digital development (en/fr)		Panel discussion: The future telco: revolution or evolution?	Panel discussion: Adopting digital identification for development	Closing ceremony		

Note: For full calendar, including sector specialized events and other activities consult the official programme at <http://telecomworld.itu.int/>

OVERALL EVENT CALENDAR (summary)

	Morning		Afternoon	
Sunday 9 September (pre-event activities)	<ul style="list-style-type: none"> CTO Meeting (*) 		<ul style="list-style-type: none"> Meeting of ITU-T Study Group Meeting Chairs (*) ITU Ministerial Consultative Meeting (for ministers only) 	
Monday 10 September	<ul style="list-style-type: none"> 5G for a smarter world (keynote) Leapfrogging to 5G? Partner session VIP tour 	<ul style="list-style-type: none"> Opening ceremony Event opening keynotes Leaders Networking Lunch Networking lunch 	<ul style="list-style-type: none"> Press conference Forum Summit: Digital Everyone Partner session (TDIA) BDT Power Session: Aligning digital transformation strategies and policies to national development agenda 	<ul style="list-style-type: none"> Forum Summit: Beyond connectivity Partner session (TDIA) BDT M-Powering meeting (*) Welcome reception
Tuesday 11 September	<ul style="list-style-type: none"> Securing spectrum for smarter digital development: The road to WRC-19 (keynote) Spectrum challenges: preparing for WRC-19 Government: enabling smarter digital development (Ministerial RT) GovTech 	<ul style="list-style-type: none"> The positive power of trusted Smart ABC (AI, Banking, and Cities) Fireside chat Artificial Intelligence: impact and ownership (Smart ABC) Addressing the risks of a smarter world (Ministerial RT) Partner session (GSMA): Spectrum economics and pricing Panel lunch (Smart Africa) 	<ul style="list-style-type: none"> Digital finance: Innovative economic solutions for all (Smart ABC) M-Powering for Development Partner session (Huawei) BDT Power Session: Monitoring ICT centric innovation policies and programs 	<ul style="list-style-type: none"> Smart cities: innovations in sustainable urban living (Smart ABC) Financing digital development (Ministerial RT) Partner session (Huawei) Zimbabwe night
Wednesday 12 September	<ul style="list-style-type: none"> New radio systems for smarter digital development (keynote) Wireless technologies for Africa GovTech Partner session: OECD – Going digital MVNO workshop Smart ABC Expert Roundtable: How human economies can benefit from smart machines 	<ul style="list-style-type: none"> Rethinking regulation, enabling smart digital development Digital innovation ecosystems: the key to Industry 4.0 MVNO workshop Smart ABC Expert RDT: The role of digital finance in smart, sustainable cities 	<ul style="list-style-type: none"> Forum session: 4th Economic Experts Roundtable High Level African Investment Dialogue Partner session GovTech MVNO workshop Smart ABC Expert RDT: A New Concept of Future AI-Powered Cities Digital Identity experts consultation (*) 	<ul style="list-style-type: none"> The future telco: revolution or evolution? Adopting digital identification for development MVNO workshop Smart ABC Expert RDT: Synergies and sustainability: accelerating digital development through smart technologies
Thursday 13 September	<ul style="list-style-type: none"> Fireside chat: who's keeping our data safe? Strengthening collaboration in data protection High Level Panel Discussion: Promoting ICT opportunities for women empowerment GovTech IDD3 Expert Group Consultation (*) 	<ul style="list-style-type: none"> Powering smart: the Internet of Things Lifelong learning and skills development Partner session GovTech ITU-UNIDO consultation with South African ecosystem (*) 	<p>Ceremony: ITU Telecom World Awards 2018</p>	<p>Closing ceremony</p>

(*) By invitation only

<http://telecomworld.itu.int/>

SESSION DESCRIPTIONS: FORUM AND FORUM SUMMIT

DAY 1 – Monday 10 September 2018

Type of session	Timing	Session title	Session Description	ITU Session coordinator	Partner(s)
Keynote session	Mon 10-Sep 9:15-9:30 Room 22	<u>5G for a smarter world (Keynote)</u>	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?	Telecom Forum and BR	
Panel discussion	Mon 10-Sep 9:30-10:30 Room 22	<u>Leapfrogging to 5G?</u> <i>Note: Total target speakers 4-5 plus moderator</i>	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? •	BR (J. Restrepo) and TSB (M. Adolph)	
Partner session	Mon 10-Sep 9:15-10:30 Room 12 ABE	<i>Partner session</i>	Session blurb to be provided by partner		Partner
Opening Ceremony	Mon 10-Sep 11:00-12:00 Hall 5CD + 6AB <i>Interpretation in English, French</i>	ITU Telecom World 2018 <u>Opening Ceremony</u>	<i>Format to be decided, either panel discussion or speeches. Proposed moderator from media</i>	ITU Protocol team	Host Country
Event Opening Keynotes	Mon 10-Sep 12:00-12:30 Hall 5CD + 6AB <i>Interpretation in English, French and Arabic</i>	ITU Telecom World 2018 <u>Event Opening Keynotes</u>		ITU Telecom SCR team	Saudi Arabia

Type of session	Timing	Session title	Session Description	ITU Session coordinator	Partner(s)
Forum Summit	Mon 10-Sep 14:00-15:15 Room 22 <i>Interpretation in English, French</i>	<i>Forum Summit</i> <u>Digital Everyone</u>	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?	Telecom Forum	
Forum Summit	Mon 10-Sep 15:45-17:00 Room 22 <i>Interpretation in English, French</i>	<i>Forum summit</i> <u>Beyond connectivity</u>	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?	Telecom Forum	
Partner session	Mon 10-Sep 14:30-17:00 Room 12 ABE	<i>Partner session</i> [TDIA]	Session blurb to be provided by partner		TDIA

DAY 2 – Tuesday 11 September 2018

Type of session	Timing	Session title	Session Description	ITU Session coordinator	Partner(s)
Keynote	Tue 11-Sep 9:15-9:30 Room 12 ABE	<u>Securing spectrum for smarter digital development: The road to WRC-19 (keynote)</u>	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	BR (J. Restrepo)	
Panel discussion	Tue 11-Sep 9:30-10:30 Room 12 ABE	<u>Spectrum challenges: preparing for WRC-19</u>	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?	BR (J. Restrepo)	

Type of session	Timing	Session title	Session Description	ITU Session coordinator	Partner(s)
Ministerial RT	Tue 11-Sep 9:15-10:30 Room 22 <i>Interpretation in English, French</i>	1 st Ministerial Roundtable <u>Government: enabling smarter digital development</u>	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?	Telecom Forum	
Fireside chat	Tue 11-Sep 11:00-11:15 Room 11 ABE	<u>Fireside chat : The positive power of trusted Smart ABC (AI, Banking, and Cities)</u>	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?	TSB	Smart ABC
Panel discussion	Tue 11-Sep 11:15-12:15 Room 11 ABE	<u>Artificial Intelligence: impact and ownership</u>	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? <i>Session part of the Smart ABC programme</i>	TSB	Smart ABC
Partner session	Tue 11-Sep 11:00-12:15 Room 12 ABE	Partner session	Session blurb to be provided by partner		Partner
Ministerial RT	Tue 11-Sep 11:00-12:15 Room 22 <i>Interpretation in English, French</i>	2 nd Ministerial Roundtable <u>Addressing the risks of a smarter world</u>	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? <i>The session will also provide a platform to launch the new cybersecurity index and guide</i>	Telecom Forum	

Type of session	Timing	Session title	Session Description	ITU Session coordinator	Partner(s)
Sponsored panel lunch	Tue 11-Sep 12:30-14:00 Lunch room <i>Interpretation in English, French</i>	Sponsored panel lunch	Session blurb to be provided by partner. Tentatively Smart Africa		Smart Africa (tentative)
Panel discussion	Tue 11-Sep 14:00-15:15 Room 11 ABE	<u>Digital finance: Innovative economic solutions for all</u>	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? <i>Session part of the Smart ABC programme</i>	TSB	Smart ABC

Type of session	Timing	Session title	Session Description	ITU Session coordinator	Partner(s)
Panel discussion	Tue 11-Sep 15:45-17:00 Room 11 ABE	<u>Smart cities: innovations in sustainable urban living</u>	<p>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?</p> <p><i>Session part of the Smart ABC programme.</i></p>	TSB [J. Um]	Smart ABC
Ministerial RT	Tue 11-Sep 15:45-17:00 Room 22 <i>Interpretation in English, French</i>	3 rd Ministerial Roundtable <u>Financing digital development</u>	<p>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?</p> <p><u>Additional participants proposed by host country, subject to their availability (excess of speakers to be placed in other sessions)</u></p> <p><i>Note: Total target 10-12 minister in roundtable discussion. Speakers to be distributed throughout 3 ministerial RTs</i></p>	Telecom Forum	
Partner session	Tue 11-Sep 14:00-16:00	Partner session (Huawei)	Session blurb to be provided by partner		Partner

Type of session	Timing	Session title	Session Description	ITU Session coordinator	Partner(s)
	Room 12 ABE				

DAY 3 – Wednesday 12 September 2018

Type of session	Timing	Session title	Session Description	ITU Session coordinator	Partner(s)
Keynote	Wed 12-Sep 9:15-9:30 Room 22	<u>New radio systems for smarter digital development (Keynote)</u>	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?	Telecom Forum and BR	
Panel discussion	Wed 12-Sep 9:30-10:30 Room 22	<u>Wireless technologies for Africa: the opportunity ahead</u>	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?	BR	

Type of session	Timing	Session title	Session Description	ITU Session coordinator	Partner(s)
Partner session	Wed 12-Sep 9:15-10:30 Room 12 ABE	Partner session: OECD <u>Going Digital: an integrated and effective approach to policymaking in the digital age</u>	Digital transformation affects economies and societies in complex and interrelated ways, challenging existing policies and cutting across silos in many areas. Stronger co-operation and collaboration are critical, as well as a re-think about how policy is developed and implemented. The OECD's Going Digital project is developing an integrated policy framework focusing on making policies in the digital age more coherent, efficient and engaged with stakeholders through the use of technology. Many governments and administrations are currently exploring the possibilities, testing the potential, and evaluating the effectiveness of using digital technologies for improving policy design, implementation, and enforcement. This session will introduce the Going Digital project and invite country and city representatives to present and discuss their own real world examples, sharing concrete experiences, demonstrating the potential, and providing first lessons learned.		OECD
Panel	Wed 12-Sep 11:00-12:15 Room 22	<u>Rethinking regulation, enabling smart digital development</u>	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?	Telecom Forum Team	
Panel	Wed 12-Sep 11:00-12:15 Room 12 ABE	Digital innovation ecosystems: the key to Industry 4.0	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	BDT (M. Ba)	

Type of session	Timing	Session title	Session Description	ITU Session coordinator	Partner(s)
			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?		
Sponsored panel lunch	Wed 12-Sep 12:30-14:00 Lunch room <i>Interpretation in English, French</i>	Sponsored panel lunch	Session blurb to be provided by partner		Partner
Panel discussion	Wed 12-Sep 14:00-15:15 Room 12 ABE	<u>High Level African Investment Dialogue</u>		ITU telecom forum team	Host country
Roundtable	Wed 12-Sep 14:00-16:00 Room 11 ABE	<u>4th Economic Expert Roundtable</u>	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.	SPM	
Panel discussion	Wed 12-Sep 15:45-17:00 Room 12 ABE	<u>Adopting digital identification for development</u>	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"?	BDT	
Panel session	Wed 12-Sep 15:45-17:00 Room 22	<u>The future telco: revolution or evolution?</u>	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	Telecom Forum	

Type of session	Timing	Session title	Session Description	ITU Session coordinator	Partner(s)
			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?		

DAY 4 – Thursday 13 September 2018

Type of session	Timing	Session title	Session Description	ITU Session coordinator	Partner(s)
Keynote [slots]	Th 13-Sep 9:15-9:30 Room 11 ABE	<u>Fireside chat: who's keeping our data safe?</u>	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?	Telecom Forum	
Panel discussion [slots]	Th 13-Sep 9:30-10:30 Room 11 ABE	<u>Strengthening collaboration in data protection</u>	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?	Telecom Forum	
Panel discussion	Th 13-Sep 11:00-12:15 Room 11 ABE	Lifelong learning and skills development	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.	BDT	
Panel discussion [slots]	Th 13-Sep 11:00-12:15 Room 11 CD	<u>IoT</u> <u>Powering smart: the Internet of Things</u>	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	Telecom Forum team and TSB	IoT Forum

Type of session	Timing	Session title	Session Description	ITU Session coordinator	Partner(s)
			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?		
Panel discussion [slots]	Th 13-Sep 11:00-12:15 Room 12 CD	<u>High Level Expert Roundtable: Promoting ICT opportunities for women empowerment</u>	Session description to be provided by host country		Host Country

SESSION DESCRIPTIONS: ITU SPECIALISED SESSIONS

DAY 0 – Sunday 9 September 2018

Type of session	Timing	Session title	Session Description	ITU Session coordinator	Partner(s)
Private meeting	Sun 9 Sep 9:30-16:00 Room 11 ABE	10 th CTO Meeting (by invitation only)	For more information, please visit: https://www.itu.int/en/ITU-T/tsbdir/cto/Pages/default.aspx	TSB (A. Meshkurti)	
Private meeting	tbc	Meeting of ITU-T Study Group Meeting Chairs (by invitation only)	[information to be provided by organizer]	TSB (A. Meshkurti)	
Private meeting	Sun 9 Sep 18:15 – 19:15 Offisite TBD	ITU Ministerial Consultative Meeting (by invitation only)		SPM (C. Marinescu)	

DAY 1 – Monday 10 September 2018

Type of session	Timing	Session title	Session Description	ITU Session coordinator	Partner(s)
Innovation Power session	Monday 10-Sep 14:00-16:00 Room11CD	<u>Power Session:</u> Aligning digital transformation strategies and policies to national development agenda	<p>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.</p> <p>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.</p> <p>Pre-registration is recommended for the session due to limited space</p>	BDT (M. Ba)	
Private meeting	Monday 10-Sep 15:30-17:00 Room 12 CD	<u>BDT M-Powering meeting (by invitation)</u>	<p>The m-Powering Development Initiative is designed to create a resource and an action plan to deploy ICT services, from m-Health, m-Learning, m-Governance to m-Commerce and m-Sport. In doing so, it can cut costs and reshape, for the better, public service delivery for many millions of individuals, particularly those living in in remote or rural areas of the world. The Telecommunication Development Bureau is coordinating the Initiative with an Advisory Board of senior experts drawn from the public and private sectors.</p>	BDT (N. Sundeberg)	

DAY 2 – Tuesday 11 September 2018

Type of session	Timing	Session title	Session Description	ITU Session coordinator	Partner(s)
M-Powering report launch	Tue 11-Sep 14:30-15:00 Room 12 CD	<u>M-powering for development</u>	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.	BDT	
Innovation Power session	Tuesday 11-Sep 2:00-4:00pm Room xxx	<u>Power Session:</u> Monitoring ICT centric innovation policies and programs	<p>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.</p> <p>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.</p> <ul style="list-style-type: none"> • 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 <p>Pre-registration is recommended for the session due to limited space</p>	BDT (M. Ba)	

DAY 3 – Wednesday 12 September 2018

Type of session	Timing	Session title	Session Description	ITU Session coordinator	Partner(s)
MVNO Workshop	Wed 12-Sep 9:30-17:00 Room 11 CD	<u>Leveraging MVNOs in an 'everything connected' world</u>	Welcoming MVNOs, Mobile Virtual Network Enablers, mobile network operators, connectivity providers, banks, utility companies, vehicle manufacturers, OEMs, industry associations, analysts, and government representatives, this workshop will explore the crossovers between MVNOs and various verticals including banking, utilities, agriculture, transport, and smart cities. It will additionally examine how MVNOs can innovate, in particular by embracing emerging technologies such as IoT/M2M, blockchain, 5G and AI.	TSB (E. Armour)	
Expert Round Table	Wed 12-Sep 9:15-10:30 Room 12 CD	<u>Smart ABC Expert Roundtable: How human economies can benefit from smart machines</u>	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? <i>Session part of the Smart ABC programme. By invitation only</i>	TSB (J. Um)	
Expert Round Table	Wed 12-Sep 11:00-12:15 Room 12 CD	<u>Smart ABC Expert Roundtable: The role of digital finance in smart, sustainable cities</u>	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? <i>Session part of the Smart ABC programme. By invitation only</i>	TSB (J. Um)	
Expert Group Meeting	Wed 12-Sep 13:30-15:00 Leader Space	<u>Digital Identity experts consultation (Digital Identity project) *</u>	This session will enable digital identity experts to discuss and provide feedback on BDT's digital Identity implementation toolkit and roadmap.	BDT (H. Eskandar)	
Expert Round Table	Wed 12-Sep 14:00-15:15 Room 12 CD	<u>Smart ABC Expert Roundtable: A new concept of future-powered cities</u>	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? <i>Session part of the Smart ABC programme. By invitation only</i>	TSB (J. Um)	

Type of session	Timing	Session title	Session Description	ITU Session coordinator	Partner(s)
Expert Round Table	Wed 12-Sep 15:45-17:00 Room 12 CD	<u>Smart ABC Expert Roundtable: Synergies and sustainability: accelerating digital development through smart technologies.</u>	<p><i>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?</i></p> <p><i>Session part of the Smart ABC programme. By invitation only</i></p>	TSB (J. Um)	

DAY 4 – Thursday 13 September 2018

Type of session	Timing	Session title	Session Description	ITU Session coordinator	Partner(s)
Expert Group Meeting	Th 13-Sep 9:15-10:30 TBD	<u>IDD3 Expert Group Consultation*</u>	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	BDT (M. Ba)	