Monday, November 14, 2016

Networking

Opening Ceremony

Monday, November 14, 2016, 9:30 AM - 10:00 AM, Royal Jubilee Ballroom

The official event launch, opening ITU Telecom World 2016 before an audience of event participants and special guests, including Heads of State and Ministers, Heads of UN Agencies, regulators, C-level industry representatives, Forum speakers and accredited media. Please note that guests must be seated by 9:00.

Open to all Pass holders

• Speakers

   H.R.H Princess Maha Chakri Sirindhorn, Princess, Government of the Kingdom of Thailand, Thailand

   His Excellency Chan-o-cha Prayut, Prime Minister, Government of the Kingdom of Thailand, Thailand

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

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Panel Session

Innovative radiocommunications for affordable broadband connectivity

Monday, November 14, 2016, 11:15 AM - 12:30 PM, Jupiter 10

Radiocommunications play a key role in the provision of affordable last mile solutions to bridging the digital divide. Most rural and remote regions of the world depend entirely on wireless communications (whether mobile, satellite or broadcast), in particular where climate, topography, population and lack of infrastructure do not allow for reliable alternatives. With the development of innovative radiocommunications technologies alternative solutions are emerging, such as High Throughput Satellites, Non-GSO Constellations, HAPS, TVWS and LTE-U. In this context, and with the continued increase in demand for always-on global connectivity and the arrival of new market players, the broadband access industry is set to expand and evolve with innovation on the ground and in the sky. This session will address key questions in this context:

  - How will these trends impact the cost of providing broadband connectivity?

  - What type of applications will benefit greatly from the changes experienced in the industry?

  - How can recent developments be used to improve connectivity in rural areas?

- What role should governments andinternational organizations play to expand the benefits of these new systems? How do these solutions compete with or complement each other?

Open to Leader Pass, Forum Plus Pass, and Forum Pass holders

• Moderator

Mr Joaquin Restrepo, Head, Outreach and Publication Services Division (OPS), International Telecommunication Union, Switzerland

• Panellists

Dr Shiv K Bakhshi, Vice President, Industry Relations, Telefon AB - LM Ericsson, Sweden

Dr Ali R. Ebadi, Senior Vice President, Space Systems Development & CASBAA Representative, MEASAT Satellite Systems Sdn. Bhd., Malaysia

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

Dr Apurva N. Mody, Chairman and President, Whitespace Alliance, USA

Sponsored Session

A new growth engine in the GiGA speed era driven by 5G

Monday, November 14, 2016, 11:15 AM - 12:30 PM, Jupiter 8-9

Recent focus has been on the huge efforts invested in the technological aspects of initiatives such as GiGA speed access (including 5G, G.hn, and G.fast) led by industry and government around the world. But highlighting the business perspectives needed to drive and sustain industry success is equally, if not more, important. In this session KT will present some of the key activities in its preparations for 5G trial services in the PyeongChang 2018 Winter Olympics and for commercializing GiGA broadband access services. KT has developed a clear, substantial and concrete plan for GiGAtopia, which is being deployed and developed in stages and aimsto bring the industry one step closer to realizing the audacious vision of the GiGA speed era. To enable its implementation, KT willshare its strategy across a range of areas including collaboration between industries, market and related technologies leading to ashift in the future telecommunication market, and all the way to the evolution of vertical industries.

Open to Leader Pass, Forum Plus Pass, and Forum Pass holders

• Moderator

Mr Bilel Jamoussi, Chief - Study Groups Department, International Telecommunication Union, Switzerland

Opening Remark

Dr Chaesub Lee, Director of ITU's Telecommunication Standardization Bureau, International Telecommunication Union, Switzerland

• Keynote Speaker

    Dr Dongmyun Lee, Chief Technology Officer, KT Corporation, Korea, Republic of

• Panellists

    Dr Yuji Inoue, Chairman of the Board, Toyota InfoTechnology Center, Japan

    Mr Hossein Moiin, Executive Vice President and Chief Technology Officer for Nokia Mobile Networks, Nokia Corporation, Finland

    Mr Kailash Narayanan, Vice President and General Manager, Wireless Devices Segment, Keysight Technologies, USA

    Mr Namseok Ko, Principal Researcher, Electronics and Telecommunications Research Institute (ETRI), Korea, Republic of

Session sponsored by

Networking

Forum Opening

Monday, November 14, 2016, 11:30 AM - 12:30 PM, Jupiter 4-5-6

Launching four days of expert debate at ITU Telecom World 2016, the Forum Opening addresses the central theme of growing the digital economy from the unique and powerful perspectives of heads of state, government and international organizations worldwide. The differing experiences and priorities of public, private and non-governmental sectors at the very highest level demonstrate the individual challenges of different geographical, social, economic and industrial contexts. Fostering and developing the digitaleconomy remains, however, central to policies, regulatory approaches, strategies and business models across all sectorsand markets.How do government or corporate initiatives focus on accelerating growth? What is the role of SMEs, of innovation, and of cross-sectorcollaboration? What are the fundamental challenges and opportunities in the global digital ecosystem?
Open to all pass holders

• Keynote Speakers

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

    His Excellency Xavier Bettel, Premier Ministre, Ministre d'État, Ministre des Communications et des Médias, Ministre des Cultes, Ministre de la Culture, Ministère d'Etat, Luxembourg

    H.E. Mr Charlot Salwai Tabimasmas (MP), Prime Minister and Minister responsible for ICT and Telecommunications, Prime Minister's Office, Vanuatu

H.R.H Crown Prince Tupoutoa Ulukalala, Crown Prince, Government of Tonga, Tonga

Air Chief Marshal Prajin Juntong, Deputy Prime Minister and Acting Minister of Digital Economy and Society, Government of the Kingdom of Thailand, Thailand

Dr Mukhisa Kituyi, Secretary-General, United Nations Conference on Trade and Development, Switzerland

H.E. Mr Hamad Al Mansoori, Director General, Telecommunications Regulatory Authority (TRA), United Arab Emirates

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Networking
Leaders Lunch
Monday, November 14, 2016, 12:30 PM - 2:30 PM, Private Lunch Space

The exclusive Leaders Lunch is an opportunity for Leader Pass holders to connect with fellow delegates and high-level industry representatives in an engaging social environment following the activities of the first morning of the event.
Open to Leader Pass holders only

Session sponsored by

Press Conference
Event Opening Press Conference
Monday, November 14, 2016, 1:30 PM - 2:15 PM, Jupiter 11

The Press Conference will bring together influential global and Thai media, from within the ICT industry, as well as major news agencies. It will highlight what to expect during the week, outline the core themes to be debated and illustrate further how ITU Telecom World is providing the global platform for governments, corporates and SMEs working to accelerate ICT innovation for social andeconomic development. The Conference will feature an influential line-up of speakers representing different aspects of ITU Telecom World events, including ITU Secretary- General, top-level representatives from the Host Country, the Kingdom of Thailand and a cutting edge tech SME.
Open to Media Pass, Leaders Pass, Forum Plus pass, and Forum pass holders

• Speakers

Air Chief Marshal Prajin Juntong, Deputy Prime Minister and Acting Minister of Digital Economy

and Society, Government of the Kingdom of Thailand, Thailand

Air Chief Marshal Mr Thares Punsri, Chairman, National Broadcasting and Telecommunications Commission (NBTC), Thailand

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

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Leadership Summit

Collaborating in the digital economy: why working together is critical for growth

Monday, November 14, 2016, 2:30 PM - 4:00 PM, Jupiter 4-5-6

Rapid technological developments, societal changes and radical new business models are enriching and enlarging the ICT ecosystem. Never before has connectivity offered so much potential for economic growth and social development in the digital economy. And never before have the challenges of extending that connectivity to all been so pressing – raising issues such as universal access, meaningful local content, security, fair and open competition, fit-for-purpose regulation, joined-up policy, quality of service and scaling ICT startups and smaller businesses to maximum impact. In a digital ecosystem made up of ever more stakeholders, from governments driving policy and regulation to established, major ICT companies, disruptive new OTT players and innovative SMEs, those challenges can only be met by working together. This opening session of the Leadership Summit will explore why new markets call for new partnerships, new approaches and new ways of thinking. Why is it so important to work together and hear each other out? How much can we do alone, and what happens if we don't collaborate at all?

Open to Leader Pass and Forum Plus Pass holders

• Moderator

 Mr Jeremy Wilks, Producer, Euronews, France

• Opening Remarks

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

 Air Chief Marshal Prajin Juntong, Deputy Prime Minister and Acting Minister of Digital Economy and Society, Government of the Kingdom of Thailand, Thailand

• Panellists

 Dr Mukhisa Kituyi, Secretary-General, United Nations Conference on Trade and Development, Switzerland

 Mr R. S. Sharma, Chairman, Telecom Regulatory Authority of India (TRAI), India

 Mrs Kathy Brown, President & CEO, Internet Society, USA

 Ms Maria de Fátima Henriques da Silva Barros Bertoldi, Chair of ANACOM s Board of Directors, Autoridade Nacional de Comunicações (ANACOM), Portugal

 Mr Suphachai Chearavanont, President, The Telecommunications Association of Thailand under the Royal Patronage, Thailand

Panel Session

Gearing up for Ultra-High Speed Networks

Monday, November 14, 2016, 2:45 PM - 4:00 PM, Jupiter 10

As we approach the era of ultra-high speed networks, what are the major considerations? Expectations for 5G are sky-high – including Gigabit access, a fully hyperconnected environment, autonomous cars, and seamless surfing and interoperability between different networks, to name a few. Can operators and telecom engineers really deliver on these expectations, and what compromises may have to be made in backhaul and access networks as we enter the Gigabit era? And with ITU's G.fast gather momentum and Ovum predicting 30 million ITU G.fast subscribers by 2025, what role can ITU G.fast play in facilitating Gigabit access?

This Session will examine the new series of standards emerging from the latest ITU study group work on ultra-high speed transport networks, including Optical Transport Network (OTN), NG-PON2, High-speed transmission over coaxial networks in buildings (HiNoC). Participants should leave with a comprehensive view of the outlook for the Gigabit Era which will be realized by Ultra-High Speed networks.

Open to Leader Pass, Forum Plus Pass, andForum Pass holders

• Moderator

Dr. Reinhard Scholl, Deputy to the Director of the ITU Telecommunication Standardization Bureau, International Telecommunication Union, Switzerland

• Panellists

Mr David Bessonen, Senior G.fast Engineer, Telebyte, Inc., USA

Mr Mark Fishburn, Director, Strategic Marketing, Broadband Forum, USA

Mr Kwang-Hee (Kevin) Lee, VP of Product Strategy & Marketing, DASAN Zhone Solutions Inc, Korea, Republic of

Sponsored Session

4G Towards 5G - TDD Spectrum Workshop

Monday, November 14, 2016, 3:00 PM - 6:00 PM, Jupiter 8-9

With the construction of a globally robust TD-LTE ecosystem and the explosive growth of TD-LTE commercial scale, spectrum scarcity is obviously increasing. In terms of 5G requirements, TDD technology has clear advantages in the evolution from 4G to 5G. In order to promote a wider development space for TD-LTE, it is necessary and urgent for us to discuss global spectrum harmonization and innovative spectrum utilization. Jointly hosted by ITU, GTI, China Mobile and TDIA, the TDD Spectrum Workshop will bring together delegates from governments, regulators, organizations, operators and industry partners to explore in detail TD-LTE global status and new business opportunities, TDD spectrum planning and allocation at the global level, and future spectrumstrategies towards 5G.

4G Towards 5G -TDD Spectrum Workshop Agenda

Open to Leader Pass, Forum Plus Pass, and Forum Pass holders

Opening Remark

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

• Panellists

    Mr Pakpong Akaniwan, Chief Technical Officer, True Corporation Public Company Limited, Thailand

    Mr Göran Berntson, Director of TDD Industry Development Department, Huawei Technologies Co., Ltd., Sweden

    Mr Rungsun Channarukul, Senior Executive Vice President, TOT Public Company Limited, Thailand

    Dr Ulrich Dropmann, Head of Standardization Bell Labs CTO, Nokia Solutions and Networks GmbH & Co. KG, Germany

    Ms Yuhong Huang, Deputy General Manager & Secretary General of GTI, China Mobile Communications Corporation, China

    Mr Zhengmao Li, Executive Vice President, China Mobile Communications Corporation, China

    Mr Guangyi Liu, Chief Technology Officer, Wireless Development, China Mobile Research Institute, China

    Mr Tom Mao, Principal, Wireless Architecture, ZTE, USA

    Mr Philip Marnick, Group Director of Spectrum, Office of Communications - Ofcom, United Kingdom

    Mr. Hakan Ohlsen, Director, Spectrum and Radio Technology Strategy, Ericsson GFTE Technology Strategy, Viet Nam

    Mr Pen San Tang, Managing Director, Arete M Pte Ltd, Singapore

    Mr Veni Shone, President of TDD Product Line, Huawei Technologies Co., Ltd., China

    Mr Hua Yang, Secretary General, TDIA, China

    Mr Peng Zhao, Regional Spectrum Policy Director, Government and Regulatory Affairs, GSMA, United Kingdom

Leadership Summit

Collaborating in the digital economy: pathways to success

Monday, November 14, 2016, 4:30 PM - 6:00 PM, Jupiter 4-5-6

This second session of the Leadership Summit looks at the reality of working together in and across the ICT ecosystem, presenting successful experiences, case studies and best practices on collaboration between stakeholders from both public and private sectors, from telecom providers to vendors, governments to small businesses and investors to end users. What are the business models, the policies, regulatory approaches and partnerships we need to move forward? What can we learn from differing international perspectives cutting across both emerging and developed markets? How can we adopt or adapt best practices to our own reality? What are the challenges to be faced and the pitfalls to be avoided? How can the benefits of collaboration be balanced against competition, commercial interests and current cultures?

Open to Leader Pass and Forum Plus Pass holders

• Moderator

    Mr Jeremy Wilks, Producer, Euronews, France

• Panellists

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

    Mr Fadi Chehadé, Senior Adviser to Executive Chairman, Digital Governance, World Economic Forum, USA

    Ms Anne Jellema, Chief Executive Officer, World Wide Web Foundation, USA

    S.E. M. Bruno Nabagné Koné, Ministre de l'Économie Numérique et de la Poste, Porte-parole du Gouvernement, Ministère de l'Economie Numérique et de la Poste, Cote d'Ivoire

    Mr Ari Sarker, Co-President, Asia Pacific, MasterCard Worldwide, Singapore

    Ms Joy Tan, President, Corporate Communications, Huawei Technologies Co., Ltd., China

Panel Session

Making money from meeting the SDGs? An overarching approach to sustainable development

Monday, November 14, 2016, 4:45 PM - 6:00 PM, Jupiter 10

The Sustainable Development Goals (SDGs), adopted by the global community in September 2015, set a new international development agenda for the period 2015-2030 in areas of critical importance for humanity and the planet. ICTs have tremendous potential to improve development outcomes in both emerging and developed markets, from measuring progress and success in meeting the SDGs to enhancing the efficiency and effectiveness of development initiatives, as well as providing access to a whole new range of digitally-enabled products and services which strengthen local economies, innovation and communities. How can the ICT sector contribute to accelerating the achievement of the SDGs by providing ICT-enabled solutions and building feasible business models? What regulatory and policy frameworks are needed and how can standardization maximize the impact of the new technology that will enable us to reach the SDGs? Is the SDG agenda relevant for the ICT industry? What roles should the ICT industry, and its corporate social responsibility (CSR) departments in particular, play in working towards the SDGs? Can the SDG framework provide an opportunity to accelerate transformative ICT-enabled solutions in new fields such as big data or IoT?

This session will be held in collaboration with the 2016 ITU Kaleidoscope Academic Conference.

Open to Leader Pass, Forum Plus Pass, Forum Pass and Kaleidoscope Pass holders

• Moderator

Professor Tim Unwin, Emeritus Professor of Geography and UNESCO Chair in ICT for Development (ICT4D), Royal Holloway, University of London, United Kingdom

Opening Remark

Dr Chaesub Lee, Director of ITU's Telecommunication Standardization Bureau, International Telecommunication Union, Switzerland

• Panellists

Mr Tomas Lamanauskas, Group Director Public Policy, VimpelCom Group, Netherlands

Mr Luis Neves, Chairman, Global e-Sustainability Initiative (GeSI), Belgium

Mr Ola Jo Tandre, Director and Head of Social Responsibility, Telenor ASA, Norway

Dr Astrid Tuminez, Regional Director, Corporate, External and Legal Affairs (Southeast Asia),

Microsoft, Singapore

Mr Lawrence Yanovitch, President of the GSMA Foundation, GSMA, United Kingdom

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Networking

Welcome Dinner

Monday, November 14, 2016, 6:00 PM - 9:00 PM, Royal Jubilee Ballroom

An opportunity to network in a relaxed social environment at the end of the first day of the event.
by invitation only

Tuesday, November 15, 2016

Plenary Session

Delivering 5G: competition or collaboration?

Tuesday, November 15, 2016, 9:30 AM - 10:45 AM, Jupiter 6-7

As 5G technology evolves and develops to meet the growing demands of societies and economies, the potential for new opportunities appears endless. The session will benefit from the presence of several key stakeholders in the development of 5G to address the following questions:

- What feasible technical solutions are emerging right now to deliver on the promise of future networks?

- What is the role of standardization in implementing 5G solutions at scale and speed?

- Where are the key opportunities and associated risks, and can we predict timeframes for return on investment?

- Who are the main players in a busy field?

-Will organizations and vendors find the fast track to success by working together in partnerships and joint ventures?

- Is competition in danger of killing off collaboration and sound investments?

- Will 5G happen through collaboration or competition?

- Will 5G be the proper scenario for the convergence of fixed broadcast and mobile?

Open to Leader Pass, Forum Plus Pass, and Forum Pass holders

• Moderator

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

• Panellists

Mr Håkon Bruaset Kjøl, Senior Vice President and Head of Corporate Affairs, Telenor ASA, Norway

Mr Philipp Metzger, Directeur Général, Office fédéral de la communication (OFCOM), Switzerland

Dr Yuefeng Zhou, Chief Marketing Officer, Wireless Network Product Line, Huawei Technologies Co., Ltd., China

Mr Michele Franci, Chief Technology Officer, Inmarsat SA, United Kingdom

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Networking

Networking Break with Rohde & Schwarz

Tuesday, November 15, 2016, 10:45 AM - 11:30 AM, Jupiter Foyer

Join wireless communications specialist Rohde & Schwarz for high-level networking in a relaxed and social environment in a refreshment break between Forum sessions.

Open to Leader Pass, Forum Plus Pass, and Forum Pass holders

Session sponsored by

Panel Session

Collaborative regulation: the key to smart infrastructure in a digital economy

Tuesday, November 15, 2016, 11:30 AM - 12:45 PM, Jupiter 10

Globalization and rapid technological development have rendered traditional regulatory approaches all but obsolete in an increasingly complex new reality. A new, pragmatic regulatory approach may focus on removing roadblocks to innovation, encouraging stability and investment, ensuring consumer protection and quality of service - and emphasizing market outcomes rather than specific technologies or infrastructure. Above all, in a world of 5G, SDN and IoT driving transformative smart solutions, next generation regulation calls for unprecedented levels of collaboration between all stakeholders and new players from vertical industries. In this fast-changing environment, what would be the ideal operator-regulator relationship? How can regulators and different industry players work together to achieve better, faster results and deliver on the promise of smart services and solutions? How can collaboration between the ICT industry and other sectors accelerate the digital economy, and what is the role of regulators? Can regulation facilitate innovation and socio-economic development whilst ensuring open, fair competition and consumer security?

Open to Leader Pass, Forum Plus Pass, and Forum Pass holders

• Moderator

Ms Donna Bethea Murphy, Senior Vice President, Global Regulatory, Inmarsat Plc., United Kingdom

• Panellists

Dr Yury G. Grin, Deputy General Director, Intervale, Russian Federation

Mr. Peter Lyons, Community Lead - Telecommunications, World Economic Forum, USA

Mr Larry Stone, President, Group Public & Government Affairs, British Telecommunications Public Ltd. Co. (BT Plc), United Kingdom

Mr José Toscano, Director General & Chief Executive Officer, International Telecommunications Satellite Organization, USA

Mr Marc Vancoppenolle, Global Head of Nokia Government Relations, Nokia, Belgium

• Closing Remark

Dr Kemal Huseinovic, Chief, Department of Infrastructure, Enabling Environment and E-Applications (IEE), Telecommunication Development Bureau, International Telecommunication Union, Switzerland

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Industry Leaders Roundtable

Industry Leaders Roundtable: Creating value, accelerating growth, opening new markets: the power of collaboration

Tuesday, November 15, 2016, 11:30 AM - 12:45 PM, Jupiter 4-5

The ICT sector has been facing a slowdown in the last 18 months. As the smartphone market approaches apparent saturation, can we expect a return to the two digits growth experienced in the last decade? What new services, segments, solutions and devices will be driving the revenue in the sector 5 years from now? What are the new openings and markets in areas such as M2M and IoT applications, accessibility services and vertical sectors such as transport, finance and health? Where should investments go? What are the current economic trends in the ICT industry and how do they highlight new growth potential? Will there be stronger collaboration or will industry players default to a winner-takes-all approach? What are the benefits of working together both within the telco sector and with web players, disruptive market entrants, customers and the open source community, to stimulate and sustain growth in the industry?

Open to Leader Pass, Forum Plus Pass, and Forum Pass holders

• Moderator

Mr Paul Conneally, Head of Communications, International Telecommunication Union, Switzerland

Opening Remark

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

• Panellists

Mr Michele Franci, Chief Technology Officer, Inmarsat SA, United Kingdom

Dr Dongmyun Lee, Chief Technology Officer, KT Corporation, Korea, Republic of

Mr Hossein Moiin, Executive Vice President and Chief Technology Officer for Nokia Mobile Networks, Nokia Corporation, Finland

Mr Lars-Åke Norling, CEO, Total Access Communication PLC (dtac), Thailand

Ms Yvette Oh, Group Executive, Market Development, APMEA, International Markets (IMK), MasterCard Worldwide, Singapore

Ms Funke Opeke, Chief Executive Officer, MainOne Cable, Nigeria

Mrs Preeyaporn Tangpaosak, Chairman of the Executive Board, ALT Telecom PCL, Thailand

Mr Suneet Singh Tuli, Chief Executive Officer, DataWind Net Access Corporation, Canada

Prof. Dr.-Ing. Thomas Wiegand, Professor at TU Berlin and Executive Director at Fraunhofer Heinrich Hertz Institute, Fraunhofer Heinrich Hertz Institute, Germany

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Networking
SMART Africa Panel Lunch
Tuesday, November 15, 2016, 1:00 PM - 2:30 PM, Private Lunch Space

The panel lunch discussion is kindly hosted by the Smart Africa Alliance. It will provide an excellent platform for the Honourable Ministers in charge of ICT, private sector members and intergovernmental organization members of the Smart Africa Alliance to discuss Smart Africa flagship projects, partnerships and investment opportunities leading to the realization of SmartAfrica's vision of creating a single digital market for Africa.
Open to Leader Pass, Forum Plus Pass, Forum Pass, and Media Pass holders

• Moderator

Dr Hamadoun I. Touré, Executive Director, SMART Africa Alliance, Switzerland

• Panellists

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

H.E. Mr Moustapha Mamy Diaby, Minister, Ministère des Postes, des Télécommunications et de l'Economie Numérique, Guinea

Mr Bréhima Kamena, Chef de Cabinet, Ministère de l'Economie numérique et de la Communication, Mali

Mr Mahamat Zen Bada Abbas, Président du Conseil de Régulation, Autorité de Régulation des Communications Electroniques et des Postes, Chad

H.E. Ms Aminata Sana/Congo, Ministre, Ministère du Développement de l'Economie numérique et des Postes, Burkina Faso

S.E. M. Bruno Nabagné Koné, Ministre de l'Économie Numérique et de la Poste, Porte-parole du Gouvernement, Ministère de l'Economie Numérique et de la Poste, Cote d'Ivoire

H.E. Mr Alain Claude Bilie-Bi-Nze, Ministre d'État, Ministre de l'Economie numérique, de la

Communication, de la Culture et des Arts, Ministère de l'Economie numérique, de la Communication, de la Culture et des Arts, Porte-Parole du Gouvernement, Gabon

His Excellency Jean Philbert Nsengimana, Minister, Ministry of Youth and ICT (MYICT), Rwanda

Session sponsored by

Ministerial Roundtable

Growing the digital economy: the role of government

Tuesday, November 15, 2016, 2:30 PM - 4:45 PM, Jupiter 4-5

Bringing together ministers from around the world, the Ministerial Roundtable offers a unique opportunity to share national experiences and best practices in advancing the digital economy. It offers a global platform to highlight opportunities for partnership and investment in local markets, as well as key challenges to development which could be met by collaboration within the international community. How can collaboration at regional and international levels be implemented and developed? What role could be played by multinational or global organizations such as ASEAN, the European Union or even ITU itself? Read here the Bangkok Ministerial Roundtable Highlights Document

Chair
Air Chief Marshal PrajinJuntong, Deputy Prime Minister and Acting Minister of Digital Economy and Society, Government of the Kingdom of Thailand, Thailand

OpeningRemark
Mr Houlin Zhao, Secretary General, International Telecommunication Union, Switzerland

Roundtable A, 2:30 PM – 3:30 PM
H.E. Mr Charlot Salwai Tabimasmas (MP), Prime Minister and Minister responsible for ICT and Telecommunications, Prime Minister's Office, Vanuatu

H.E. Mrs Allyson Maynard Gibson, Attorney General and Minister of Legal Affairs, Ministry of Legal Affairs and Attorney General, Bahamas

H.E. Mrs Begum Tarana Halim, State Minister, Ministry of Posts, Telecommunications and Information Technology, Bangladesh

H.E. Mr Sergei Popkov, Minister, Ministry of Communications and Informatization, Belarus

H.E. Mr Tram Iv Tek, Minister, Ministry of Posts and Telecommunications of Cambodia (MPTC), Cambodia

S.E. M. Bruno Nabagné Koné, Ministre de l'Économie Numérique et de la Poste, Porte-parole du Gouvernement, Ministère de l'Economie Numérique et de la Poste, Cote d'Ivoire

H.E. Dr István Mikola, Minister of State for Security and International Cooperation, Ministry of Foreign Affairs & Trade, Hungary

H.E. Mr Mahmoud Vaezi, Minister, Ministry of Information & Communication Technology (MICT), Iran

H.E. Mr Shigeki Suzuki, Vice Minister for Internal Affairs and Communications, Ministry of Internal Affairs and Communications, Japan

H.E. Mr Abdur-Raheem Adebayo Shittu, Minister, Federal Ministry of Communications, Nigeria

H.E. Mr Afamasaga Lepuia'i Rico Tupa'i, Minister, Ministry of Communications and Information Technology, Western Samoa

Mr Philipp Metzger, Directeur Général, Office fédéral de la communication (OFCOM), Switzerland

Break, 15:30 PM – 15:45 PM

Roundtable B, 3:45 PM – 4:45 PM

H.E. Mr Elmir Tofig oglu Velizadeh, Deputy Minister, Ministry of Communications and High Technologies of the Republic of Azerbaijan, Azerbaijan

H.E. Mr Karma Wangchuk Penjor, Secretary, Ministry of Information and Communications (MoIC), Bhutan

H.E. Mr Ismir Jusko, Minister, Ministry of Communications and Transport, Bosnia and Herzegovina

H.E. Dr Debretsion Gebremichael Measho, Minister, Ministry of Communication and Information Technology, Ethiopia

H.E. Mr Alain Claude Bilie-Bi-Nze, Ministre d'État, Ministre de l'Economie numérique, de la Communication, de la Culture et des Arts, Ministère de l'Economie numérique, de la Communication, de la Culture et des Arts, Porte-Parole du Gouvernement, Gabon

H.E. Mr Moustapha Mamy Diaby, Minister, Ministère des Postes, des Télécommunications et de l'Economie Numérique, Guinea

H.E. Mr André Neypatraiky Rakotomamonjy, Ministre, Ministère des Postes, des Télécommunications et du Développement Numérique, Madagascar

H.E. Dr Mohd Salleh Tun Said Keruak, Minister, Ministry of Communications and Multimedia, Malaysia

H.E. Mrs Milica Pejanovic Djurisic, Minister, Ministry of Defence, Republic of Montenegro

H.E. Mr Ahmed Adeem, Deputy Minister, Ministry of Home Affairs, Maldives

H.E. Mrs Milica Pejanovic Djurisic, Minister, Ministry of Defence, Republic of Montenegro

H.E. Dr Saoud Humaid Al-Shoaili, Director General, Directorate of Communications & Postal Services, Ministry of Transport & Communications, Oman

H.E. Mr Rodolfo A. Salalima, Secretary, Department of Information and Communications Technology (DICT), Philippines

His Excellency Jean Philbert Nsengimana, Minister, Ministry of Youth and ICT (MYICT), Rwanda

Hon Sidi Mohamed Tunis, Member of Parliament and member of the Parliamentary Oversight Committee on Information and Communications, Government of Sierra Leone, Sierra Leone

Dr Yahia Abdalla Mohamed, Director General, National Telecommunications Corporation (NTC), Sudan

H.E. Monise Laafai, Minister, Ministry of Communications, Transport and Tourism, Tuvalu

H.E.Dr Win Mlambo, Deputy Minister of ICT, Postal and Courier Services, Ministry of Information Communication Technology, Postal and Courier Services, Zimbabwe

H.E. Dr Debretsion Gebremichael Measho, Minister, Ministry of Communication and Information Technology, Ethiopia

• Chair

   Air Chief Marshal Prajin Juntong, Deputy Prime Minister and Acting Minister of Digital Economy and Society, Government of the Kingdom of Thailand, Thailand

Opening Remark

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

• Panellists

H.E. Mr Charlot Salwai Tabimasmas (MP), Prime Minister and Minister responsible for ICT and Telecommunications, Prime Minister's Office, Vanuatu

H.E. Mr André Neypatraiky Rakotomamonjy, Ministre, Ministère des Postes, des Télécommunications et du Développement Numérique, Madagascar

H.E. Mr Elmir Tofig oglu Velizadeh, Deputy Minister, Ministry of Communications and High Technologies of the Republic of Azerbaijan, Azerbaijan

H.E. Mr Monise Laafai, Minister, Ministry of Communications and Transport, Tuvalu

H.E. Mr Alain Claude Bilie-Bi-Nze, Ministre d'État, Ministre de l'Economie numérique, de la Communication, de la Culture et des Arts, Ministère de l'Economie numérique, de la Communication, de la Culture et des Arts, Porte-Parole du Gouvernement, Gabon

H.E. Dr Debretsion G. Michael, Deputy Prime Minister, Finance and Economy Cluster Coordinator and Minister of Communication and Information Technology, Ministry of Communication and Information Technology, Ethiopia

H.E. Dr Win Mlambo, Deputy Minister of ICT, Postal and Courier Services, Ministry of Information Communication Technology, Postal and Courier Services, Zimbabwe

Dr Saoud Humaid Al-Shoaili, Director General, Directorate of Communications & Postal Services, Ministry of Transport & Communications, Oman

Dr Yahia Abdalla Mohamed, Director General, National Telecommunications Corporation (NTC), Sudan

H.E. Mrs Milica Pejanovic Djurisic, Minister, Ministry of Defence, Republic of Montenegro

H.E. Mrs Begum Tarana Halim, State Minister, Ministry of Posts, Telecommunications and Information Technology, Bangladesh

Hon Sidie Mohamed Tunis, Member of Parliament and member of the Parliamentary Oversight Committee on Information and Communications, Government of Sierra Leone, Sierra Leone

H.E. Mrs Allyson Maynard Gibson, Attorney General and Minister of Legal Affairs, Ministry of Legal Affairs and Attorney General, Bahamas

H.E. Dr Mohd Salleh Tun Said Keruak, Minister, Ministry of Communications and Multimedia, Malaysia

Mr Ahmed Adeem, Deputy Minister, Ministry of Home Affairs, Maldives

H.E. Mr Rodolfo A. Salalima, Secretary, Department of Information and Communications Technology (DICT), Philippines

Mr Karma Wangchuk Penjor, Secretary, Ministry of Information and Communications (MoIC), Bhutan

H.E. Mr Afamasaga Lepuia'i Rico Tupa'i, Minister, Ministry of Communications and Information Technology, Western Samoa

His Excellency Jean Philbert Nsengimana, Minister, Ministry of Youth and ICT (MYICT), Rwanda

H.E. Mr Moustapha Mamy Diaby, Minister, Ministère des Postes, des Télécommunications et de l'Economie Numérique, Guinea

H.E. Mr Sergei Popkov, Minister, Ministry of Communications and Informatization, Belarus

S.E. M. Bruno Nabagné Koné, Ministre de l'Économie Numérique et de la Poste, Porte-parole du Gouvernement, Ministère de l'Economie Numérique et de la Poste, Cote d'Ivoire

H.E. Mr Mahmoud Vaezi, Minister, Ministry of Information & Communication Technology (MICT), Iran

H.E. Mr Abdur-Raheem Adebayo Shittu, Minister, Federal Ministry of Communications, Nigeria

H.E. Dr István Mikola, Minister of State for Security and International Cooperation, Ministry of Foreign Affairs & Trade, Hungary

H.E. Mr. Shigeki Suzuki, Vice Minister for Internal Affairs and Communications, Ministry of Internal Affairs and Communications, Japan

H.E. Mr Tram Iv Tek, Minister, Ministry of Posts and Telecommunications of Cambodia (MPTC), Cambodia

H.E. Mr Ismir Jusko, Minister, Ministry of Communications and Transport, Bosnia and Herzegovina

Mr Philipp Metzger, Directeur Général, Office fédéral de la communication (OFCOM), Switzerland

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Panel Session

The connected car: freeway to the future or trouble on the road?

Tuesday, November 15, 2016, 2:45 PM - 4:00 PM, Jupiter 8-9

Intelligent transport systems and self-driving vehicles are fast moving towards widespread commercialization, with higher levels of automation on the road expected by 2020. While automotive digital technology has been focused on optimizing the internal functions of cars or on the use of sensor technologies for the monitoring and identification of objects near vehicles, recent attention is shifting towards developing communication technologies that integrate cars with smart devices via the Internet. The increasingly important role played by software in vehicles is also driving structural adjustments in the traditional automotive industry, bringing significant disruption from new players such as communication technology companies and App developers. As demand for connected cars grows, questions have arisen concerning safety and security, especially focused on driver distraction, the fallibility of the system in self-driving cars, and trusting information from connected cars.

This session will examine the current status and possible future scenarios of vehicle communications, and discuss the emerging issues involved in automated driving from the perspectives of different stakeholder groups: car manufacturers and suppliers, technology companies, OS/App developers, and governments, focused on core opportunities and challenges/obstacles of connectivity, security, safety, liability, publicpolicy and consumer acceptance.

Open to Leader Pass, Forum Plus Pass, and Forum Pass holders

• Moderator

Mr Bilel Jamoussi, Chief - Study Groups Department, International Telecommunication Union, Switzerland

• Panellists

    Mr Patrick M. French, Head of Business Development, Asia-Pacific, Intelsat, Singapore

    Dr Yuji Inoue, Chairman of the Board, Toyota InfoTechnology Center, Japan

    Mr Raymond Lee, Director, Resource Management & Standards (RMS) Division, Policy & Competition Development Group, InfoComm Media Development Authority, Singapore

    Dr Passakon Prathombutr, President, ITS Thailand, Thailand

    Mr Toshio Yokoyama, Senior Chief Engineer, Honda R&D, Japan

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Panel Session

AI: is the future finally here?

Tuesday, November 15, 2016, 2:45 PM - 4:00 PM, Jupiter 10

Long touted as the next big thing, with visions of super-intelligent machines providing services and performing tasks that rival or outstrip human capabilities, the reality of Artificial Intelligence (AI) has not yet matched up to those dramatic expectations. Recent developments in machine learning, combined with the availability of enormous amounts of data, computing power and storage capacity, are producing extremely powerful super computers which can recognize patterns and use algorithms to solve complex problems with no, or very limited, human intervention. We are witnessing an AI revolution, with the next generation of machines possessingnear-perfect computer vision, object recognition and speech and language capabilities. Decision-making will draw on big data to be "smarter" than what is possible for human beings restricted by their physical and physiological limitations. From objects around us communicating with each other to learn from patterns in the environment to failsafe driverless cars, the possibilities for improving how we live our lives seem endless. What are the key opportunities and challenges ahead? In a world where anything thatcan be automated, will be automated, how will existing labour, economic and social systems be profoundly affected? Will AI be the domain of big business alone, or will it be effective on a smaller scale? How do governments, industries and individuals stand to benefit? What are the emerging policy and regulatory challenges?

Open to Leader Pass, Forum Plus Pass, and Forum Pass holders

• Moderator

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

Opening Remark

    Dr Chaesub Lee, Director of ITU's Telecommunication Standardization Bureau, International Telecommunication Union, Switzerland

• Panellists

    Mr Sauvik Banerjjee, Global CTA & Innovation Lead (Omni Channel, IoT, Industry 4.0 & AI), SAP Asia Pvt. Ltd., India

Dr Virginia Dignum, Associate Professor, Technology Policy and Management, Delft University of Technology, Netherlands

Mr Bjorn Taale Sandberg, Senior Vice President, Telenor Research, Telenor ASA, Norway

Mr Dominic Vergine, Head of Sustainability and Corporate Responsibility, Vice-Rapporteur of ITU-D SG2 Q1/2, ARM Holdings, United Kingdom

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Networking

Networking Break with Rohde & Schwarz

Tuesday, November 15, 2016, 4:00 PM - 4:45 PM, Jupiter Foyer

Join wireless communications specialist Rohde & Schwarz for high-level networking in a relaxed and social environment in a refreshment break between Forum sessions.

Open to Leader Pass, Forum Plus Pass, and Forum Pass holders

Session sponsored by

Panel Session

Technology or Practice: what matters most to expand access?

Tuesday, November 15, 2016, 4:45 PM - 6:00 PM, Jupiter 10

This session debates the importance of a technology neutral approach and also assesses the importance of policy, legal, and regulatory frameworks. The panelists will be composed of government and private sector backgrounds. They will go beyond emphasizing their individual important roles in expanding access, but will also highlight the need to work together in helping establish an Information and Knowledge Society.

• Moderator

Dr Cosmas Zavazava, Chief of Department, PKM, International Telecommunication Union, Switzerland

• Panellists

Dr Shiv K Bakhshi, Vice President, Industry Relations, Telefon AB - LM Ericsson, Sweden

Mr Akinori Maemura, Board Director, Internet Corporation for Assigned Names and Numbers (ICANN), Japan

Mrs Nora K Mulira, Board Member, Uganda Communications Commission (UCC), Uganda

Mr Ekachai Phakdurong, Sr Vice President - Corporate Affairs, Thaicom Public Company Limited, Thailand

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Sponsored Session

Smart Communities: The Key to a digital Nigeria

Tuesday, November 15, 2016, 4:45 PM - 6:00 PM, Jupiter 8-9

The highlight of Nigeria Day at ITU Telecom World 2016, this session will showcase Nigeria's ICT industry, highlighting its many opportunities. With a voice penetration standing at over 106%, over 135 million active subscribers and a growing population of mobile device users, Nigeria's ICT industry offers tremendous potential for investors. The Federal Government of Nigeria recognises that the innovative solutions that Nigerians provide on the backbone of ICT infrastructure will see the evolution of 'smart communities', in turn accelerating socio-economic development.

Against this fast-moving backdrop, Nigeria wants to leverage the global platform provided by events such as ITU Telecom World 2016 to engage potential investors & partners, share the story of Nigeria's ICT growth to date and outline the range of opportunities and channels it offers for investment in broadband infrastructure. This sponsored session will also highlight the thriving innovations and entrepreneurship of Nigerians, outlining how they are using ICTs creatively to positively impact the socio-economic matrix of Nigeria.

Open to Leader Pass, Forum Plus Pass, and Forum Pass holders

• Moderator

    Mr Henry Nzekwu, Founder and Executive Vice Chairman, MessageWise Limited, Nigeria

• Keynote Speaker

    Dr Hamadoun I. Touré, Executive Director, SMART Africa Alliance, Switzerland

• Panellists

    Professor Umar Garba Danbatta, Executive Vice Chairman/CEO, Nigerian Communications Commission (NCC), Nigeria

    Mr Ibrahim Dikko, Vice President - Regulatory, Etisalat Nigeria, Nigeria

    H.E. Mr Mallam Nasir Ahmad El-Rufai, Executive Governor, Kaduna State, Government of Nigeria, Nigeria

    Mr Anand Menon, Vice President of New Consumers, Global Prepaid, MasterCard Worldwide, USA

    Ms Funke Opeke, Chief Executive Officer, MainOne Cable, Nigeria

    H.E. Mr Abdur-Raheem Adebayo Shittu, Minister, Federal Ministry of Communications, Nigeria

Asia Pacific Regional Exchange

Asia Pacific Exchange on Broadband Regulation and Policy: Opportunities and challenges in driving the digital economy

Tuesday, November 15, 2016, 4:45 PM - 6:00 PM, Jupiter 6-7

Asia Pacific markets are no longer isolated units, but are part of an integrated whole within the global telecommunications sector. Common challenges include decelerating economic expansion, stimulating sustainable growth in the most populous region of the world, rapid urbanization and a rising middle class, inequality, ageing populations and natural disasters. What is the role of the ICT industry in boosting inclusive economic growth and strengthening productivity? How can we accelerate broadband infrastructure construction to drive inclusion and achieve Connect 2020 targets? What are the key difficulties to broadband development in the region - and what regulatory incentives or policies could best attract private sector investment?

   How do we achieve accessible and affordable broadband to maximize its utilization across all industry sectors? What are the experiences, best practices, risks and opportunities identified by industry CEOs in the region? And can sharing perspectives, ideas and case studies form the first step to critical new collaborative initiatives and partnerships?

Open to all Pass holders

• Moderator

      Mr. Sameer Sharma, Senior Advisor, ITU Regional Office for Asia and the Pacific, Thailand

• Opening Remarks

      Air Chief Marshal Mr Thares Punsri, Chairman, National Broadcasting and Telecommunications Commission (NBTC), Thailand

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

      Mr Jin Yuzhi, Vice President, Southern-East Asia Region, Huawei Technologies Co., Ltd., China

• Keynote Speaker

      Mr Ioane Koroivuki, Regional Director, ITU Regional Office for Asia and the Pacific, Thailand

• Panellists

      H.E. Mr Tram Iv Tek, Minister, Ministry of Posts and Telecommunications of Cambodia (MPTC), Cambodia

Ms Dalsie Baniala, Telecommunications and Radiocommunications Regulator, Telecommunications and Radiocommunications Regulator (TRR), Vanuatu

Dr Halim Shafie, Chairman, Malaysian Communications and Multimedia Commission, Malaysia

Mr Keng Thai Leong, Deputy Chief Executive (International & Corporate), InfoComm Media Development Authority, Singapore

Mr R. S. Sharma, Chairman, Telecom Regulatory Authority of India (TRAI), India

Mr Peter Macaulay, President, FTTH Council Asia-Pacific, Singapore

Ms Maria de Fátima Henriques da Silva Barros Bertoldi, Chair of ANACOM s Board of Directors, Autoridade Nacional de Comunicações (ANACOM), Portugal

Mr Bill Lan, Chief NBN Strategist, Huawei Technologies Co., Ltd., China

• Closing Remark

Mr Ioane Koroivuki, Regional Director, ITU Regional Office for Asia and the Pacific, Thailand

Session sponsored by

Networking

GEM-TECH Awards

Tuesday, November 15, 2016, 5:30 PM - 8:00 PM, Sapphire 204

The 3rd annual GEM-TECH Awards, jointly organized by ITU and UN Women, will be presented in celebration of personal or organizational achievements and innovative strategies to advance Gender Equality and Mainstreaming in the area of ICTs. The opening cocktail reception will be followed by the Award Ceremony and Celebration for the 2016 GEM-TECH Award Winners and will feature theopportunity to network with leading women in tech from public and private sectors around the world. Celebrate with us as we celebrate women in tech!

By RSVP Only

Seating available on first come first serve basis.

Please RSVP here

Wednesday, November 16, 2016

Panel Session

Balancing financial incentives to promote investment in ICTs

Wednesday, November 16, 2016, 9:30 AM - 10:45 AM, Jupiter 8-9

Taxation has a vital positive role to play in contributing to the provision of public services in a country. But taxes may also discourage enterprises from making investments by reducing the supply of funds available to finance them. At a time when the need for major investment in next generation networks, technologies and innovative services is growing, governments often still see the ICT sector as a source of revenue to balance public sector budgets, rather than re-investing ICT-related taxes in facilitating infrastructure development and labour productivity growth. In addition, new players and services entering the crowded space of the ICT ecosystem are often subject to different regulatory and taxation regimes - and national taxation agencies may find it difficult to deal with such entities as they provide cross-border services from outside the country. The introduction of IoT services also presents new challenges for taxation agencies with ICT taxation applied to new areas, markets, services and equipment. This session will explore how taxation policy is the hidden key to unlocking growth in the ICT sector, addressing questions such as:

- Is there enough communication between the governments and the telecommunication/ICT operators to define the optimal level oftaxation in the sector? Can taxation agencies be better equipped to handle these challenges?
- How can comprehensive cross-ministerial ICT polices be developed to focus on long-term wider value rather than short-term tax gains?
- How can tax incentives or breaks encourage local manufacture and content creation at municipal, regional and national levels?
- How cangovernments and industry work together to achieve the win-win of advancing network deployment whilst still benefiting from tax on operators and consumers?
- What is the role of Over the Top (OTT) players? What are current best practices? And how can collaborative partnerships unlock the taxation bottleneck?
- How will taxation look in five years from now, and what will it take to get there?

Open to Leader Pass, Forum Plus Pass, and Forum Pass holders

• Moderator

Dr Kemal Huseinovic, Chief, Department of Infrastructure, Enabling Environment and E-Applications (IEE), Telecommunication Development Bureau, International Telecommunication Union, Switzerland

• Panellists

Professor Hichem Besbes, Président, Instance Nationale des Télécommunications (INTT), Tunisia

Mr Tomas Lamanauskas, Group Director Public Policy, VimpelCom Group, Netherlands

Mr Scott Minehane, Managing Director, Windsor Place Consulting, Australia

Mr Abdoulkarim Soumaila, Secretary-General, African Telecommunications Union, Kenya

Mr Guillaume Touchard, Director, Infrastructure Economics, GSMA, United Kingdom

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Sponsored Session

Forward Thinking for Spectrum - Getting Ready for 5G

Wednesday, November 16, 2016, 9:30 AM - 11:00 AM, Jupiter 10

The first commercial 5G deployments may still be a few years away but what happens between now and 2020 will determine the success of the technology, as well as the many sectors of the economy that depend on broadband infrastructure. Alignment on spectrum from an early stage on deploying 5G globally will be equally important.

During this workshop, there will be discussions focused on spectrum bands for 5G for mobile, and the effort made by policymakers, mobile operators and equipment manufacturers to create the right environment for the technology, and for mobile, to thrive.

Open to Leader Pass, Forum Plus Pass, and Forum Pass holders

• Moderator

Mr Peng Zhao, Regional Spectrum Policy Director, Government and Regulatory Affairs, GSMA, United Kingdom

Opening Remark

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

• Keynote Speakers

Mr Quan Yu, Chief Strategy Officer, Wireless Product Line, Huawei Technologies Co., Ltd., China

Dr Ulrich Dropmann, Head of Standardization Bell Labs CTO, Nokia Solutions and Networks GmbH & Co. KG, Germany

• Panellists

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

Dr Hiroyuki Atarashi, Manager of Radio System Group in Radio Access Network Development Department, NTT DOCOMO, INC., Japan

Mr. Hakan Ohlsen, Director, Spectrum and Radio Technology Strategy, Ericsson GFTE Technology Strategy, Viet Nam

Mrs Julie Garcia Welch, Senior Director and Head, Government Affairs, Taiwan, Southeast Asia and Pacific, Qualcomm, Inc., China, Hong Kong SAR

Session sponsored by

Networking

Networking break with URCA Bahamas and the Bahamas GSR 17 Host Country Agreement Signing Ceremony

Wednesday, November 16, 2016, 10:45 AM - 11:30 AM, Jupiter Foyer

Join the Utilities Regulation and Competition Authority (URCA), the regulatory authority of the Bahamas, for high-level networking in a relaxed and social environment in a refreshment break between Forum sessions.

The Bahamas GSR 17 Host CountryAgreement Signing Ceremony will begin at 11:00.

Open to Leader Pass, Forum Plus Pass, and Forum Pass holders

Session sponsored by

Panel Session

Exploring collaborative opportunities for spectrum use

Wednesday, November 16, 2016, 11:30 AM - 12:45 PM, Jupiter 10

Spectrum is a critical natural resource for communications, and a powerful enabler of socio-economic development. Spectrum allocation is the result of a complex mix of social needs, business models, technological developments, technical compatibility studies and regulatory investigations, strategies for

economic growth, industry lobbying and policy considerations. Demand for radio-based services and applications for the general public is increasing dramatically, as is demand for specialized uses of spectrum in areas such as maritime, aeronautical or meteorological services. During the last WRC-15, key decisions were adopted to respond to these complex trends in a timely fashion whilst maintaining a delicate balance among demands from diverse stakeholders. WRC-15 also defined the agenda for the next WRC-19 which will consider possible new spectrum allocations in response to the multiple ongoing and evolving needs. This session allows an open discussion and exchange of views and opinions from the key players of the spectrum community on the WRC-15 outcomes and on WRC-19 challenges and opportunities across different services. Key questions will be highlighted such as:

  - Where are spectrum bands most stretched, and who is most affected?
  - What opportunities lie in collaboration and sharing spectrum?
  - How can a collaborative cross-sector approach implement international agreements on spectrum use, and optimize that spectrum use to meet the expected growth in demand?
  - How reliable is co-primary allocation, what are the issues of interference, affordability and quality, and how can national administrations retain flexibility?

Open to Leader Pass, Forum Plus Pass, and Forum Pass holders

• Moderator

Mr Mario Maniewicz, Deputy Director, Radiocommunication Bureau, International Telecommunication Union, Switzerland

• Panellists

Mr Peng Li, Regional Officer, Communications, Navigation and Surveillance (CNS), International Civil Aviation Organization - Asia and Pacific Office, Thailand

Dr Ali R. Ebadi, Senior Vice President, Space Systems Development & CASBAA Representative, MEASAT Satellite Systems Sdn. Bhd., Malaysia

Mr Joe Guan, Spectrum Policy Manager, Asia Pacific, GSMA, China, Hong Kong SAR

Mr Ahmed Nadeem, Head of Production Technologies, Asia-Pacific Broadcasting Union, Malaysia

Dr Vladica Tintor, Director, Regulatory Agency for Electronic Communications and Postal Services (RATEL), Republic of Serbia

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Sponsored Session

Creating New Value for Economic Growth

Wednesday, November 16, 2016, 11:30 AM - 12:45 PM, Jupiter 8-9

Japan aims to increase economic growth and solve social challenges by making full use of ICT - and would like to contribute to economic development in the ASEAN region by sharing the technology and knowledge we have on this process.

This session will therefore introduce best practices in tackling social challenges such as environmental protection and disaster recovery, as well as in accelerating business across all industries from finance to

distribution, through making full use of Japan's latest ICT technologies, products, solutions and development.

Making the most of this valuable opportunity at ITU Telecom World 2016, we hope to share important insights and tips for economic growth with as many participants as possible.

Open to Leader Pass,Forum Plus Pass, Forum Pass and Exhibition Pass holders

• Opening Remarks

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

H.E. Mr. Shigeki Suzuki, Vice Minister for Internal Affairs and Communications, Ministry of Internal Affairs and Communications, Japan
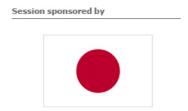
• Panellists

Dr Fumihiko Tomita, Chief Research and Strategy Officer, Vice President, National Institute of Information and Communications Technology (NICT), Japan

Mr Shinichiro Nakamura, Global Business Division Deputy Division Director, Internet Initiative Japan Inc., Japan

Mr Shizuka Kimura, Deputy Director, Japanese MNC Sales/Sales Consulting Department, NTT Communications (Thailand) Co., Ltd., Thailand

Mr Takeshi Kawabe, President, Japan Battery Regeneration,Inc., Japan

Mr Kento Takahashi, International Sales Representative, Product Division, Nextech Co., Ltd., Japan

Session sponsored by

B2B Dialogue

B2B Dialogue: Harnessing Disruptive Innovation: Unpacking MSME – Corporate Collaboration

Wednesday, November 16, 2016, 11:30 AM - 12:45 PM, Jupiter 4-5

Objective of the session: For tech MSMEs[1] to describe pain points to company representatives, and together discuss the merits and shortcomings of existing and potential interactions between these communities.

Description: The B2B dialogues provide a platform for open exchange and frank discussion between tech MSMEs and large companies. Corporate – MSME collaboration is on the rise, and the ICT sector has an important symbiotic relationship with small companies through, for example, purchasing or

marketing of their products, supplying and absorbing talent, and ecosystem support. Building these relationships is key to enabling stronger and better tech companies from emerging markets.

As disruptive innovation continues to grow, and increasingly comes from small, young firms, what models of collaboration between MSMEs and corporations are being adopted? Is this relationship working, and what can be improved?

This session will bring these two communities together to build an understanding of the issues faced by small businesses, and explore what needs to happen at national, regional and international levels to foster better corporate – tech MSME collaboration.

Format: 75 minutes – 2 teams – 10 speakers – 4 questions – 6 rounds incl. Q&A

Questions: The dialogue will be guided by 4 questions which both teams must prepare for. The dialogue should start with SMEs framingthe problem, followed by an open exchange between both teams.

- What problems do tech MSMEs face when interacting with large companies?

- Are any of these problems unique or specific to the ICT sector?

- What kind of support/incentives are beingprovided? Are they helping?

- How can large companies and MSME communities work more closely together?

[1] Enterprises that are statistically included in the ICT sector, or reliant on ICT services (ICT-enabled), are collectively referred to as "tech". MSMEs includes micro, small and medium-sized enterprises, defined broadly as 0<employees<250 or 0<revenue<€50m. Other national and regional definitions may vary.

Open to Leader Pass, Forum Plus Pass, Forum Pass, and Exhibition Pass holders

• Moderator

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

Opening Remark

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

• Panellists

    Mr Natwut Amornvivat, Co-Founder, T2P, Thailand

    Mr Carlos Cornejo, Senior Vice President / Group Head New Consumers, Public Sector & Humanitarian Products, MasterCard Worldwide, USA

    Mr Max Cuvellier, Head of Ecosystem Accelerator, GSMA, United Kingdom

    Ms Arada Fuangtong, Director of Digital Commerce Market & Manager of Thaitrade.com, The Department of International Trade Promotion (DTIP), Thailand

    Mr John Galvin, Vice President, Government and Education, Intel Corporation, USA

    Ms Oranuch (Mimee) Lerdsuwankij, CEO & Cofounder, Techsauce, Thailand

    Mr David Manset, CEO, Gnúbila, France

    Mr Taimur Rahman, Chief Corporate and Regulatory Affairs Officer, Banglalink Digital Communications Ltd., Bangladesh

    Mr Birendra Sasmal, CEO, Subah Infosolutions Ghana Ltd, Ghana

Ms Yoonju Sung, VP, Sales, RippleBuds INC., Korea, Republic of

• Closing Remark

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

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Economic Expert Roundtable

Economic and Industry Expert Roundtable

Wednesday, November 16, 2016, 11:30 AM - 12:45 PM, Jupiter 11

Building on the success of the inaugural Economic and Industry Expert Roundtable at ITU Telecom World 2015, ITU and UN ESCAP are now partnering to launch a High-Level Economic and Industry Expert Roundtable meeting at Telecom World 2016, in Bangkok. This session 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.Discussions will focus on how best to invest in ICT infrastructure and achieve business objectives, benefits, and socio-economic development, given that despite widespread understanding that an advanced and reliable telecommunications/ICT infrastructure is a key driver of socio-economic growth, more than 50 per cent of the global population remains off-line. The four main barriers to Internet adoption are lack of demand, affordability, education andskills, and infrastructure. In particular, while the lack of demand deserves significant attention in bringing the unconnected online, 44% of the world's population do not live within coverage of fixed broadband transmission networks, and between 47% - 16% are not yet covered by 4G or 3G networks, mainly because of the lack of funding and incentives to invest into areas that are currently underserved. How could public policies be better targeted and incentives set to attract investment into network infrastructure and technologies then? What role does the ongoing high cost of investment in broadband infrastructure and unaffordable prices in LDCs play? What areas should be prioritized for investment - last mile/access, backbone/transport, connectivity? Which business models ordifferent types of funding are most appropriate, from government funding to public-private-partnerships, commercial funding, private design-build-operate models, or sustainable models for rural and remote regions? Can government policies on open access and network infrastructure consolidation attract investment and lower costs of access?

This Economic and Industry Expert Roundtable isorganized in the context of ongoing ITU activities on emerging trends in the telecommunications/ICT environment and UN ESCAP's activities on Asia-Pacific Information Superhighway.The outcome of this meeting will be included in the Telecom World 16Report, together with the outcome of the Ministerial Roundtable: Growing the digital economy – the role of government, the CEO Roundtable: Creating value, accelerating growth, opening new markets – the power of collaboration, and other high-level meetings. It will also form part of ITU's contribution to the special session of the Broadband Commission, which takes place during the Davos Annual Meeting of theWorld Economic Forum, in 2017.

Open to Leader Pass, Forum Plus Pass, and Forum Pass holders

- Chair

    Mr Kaveh Zahedi, Deputy Executive Secretary, Sustainable Development, United Nations Economic and Social Commission for Asia and the Pacific, Thailand

Opening Remark

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

- Panellists

    Mr Dhruv Anand, Industry Solution Sales, Telecom and Med, IBM Thailand Co., Ltd., Thailand

    Dr René Arnold, Head of Department Markets and Perspectives, WIK, Germany

    Dr Shiv K Bakhshi, Vice President, Industry Relations, Telefon AB - LM Ericsson, Sweden

    Mr Fernando Beltran, Associate Professor, Department of Information Systems and Operations Management, The University of Auckland Business School., University of Auckland, New Zealand

    Ms Natasha Beschorner, Senior ICT Policy Specialist, The World Bank, Singapore

    Mr Nurul Kabir, Secretary General, Association of Mobile Telecom Operators of Bangladesh (AMTOB), Bangladesh

    Mr. Peter Lyons, Community Lead - Telecommunications, World Economic Forum, USA

    Mr Scott Minehane, Managing Director, Windsor Place Consulting, Australia

    Ms Farah Rosley, Partner, Ernst & Young Tax Consultants Sdn. Bhd., Malaysia

    Mr Sergey Turomsha, Deputy Director General for Commercial Issues, BELTELECOM (RUE), Belarus

- Special Guests

    Ms Atsuko Okuda, Chief, ICT and Development Section, United Nations Economic and Social Commission for Asia and the Pacific, Thailand

    PREETAM MALOOR, -, International Telecommunication Union, United Nations

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Networking

Regulating for SME growth - B2G2B Networking Lunch sponsored by CITRA, Kuwait

Wednesday, November 16, 2016, 1:00 PM - 2:30 PM, Private Lunch Space

Join CITRA, the Communication and Information Technology Regulatory Authority of Kuwait, to explore the impact of differing innovative regulatory approaches in the ICT sector on establishing fair, competitive markets, stimulating investment, and accelerating the growth of SMEs as key players in the digital ecosystem. Debate the key issues, share case studies and best practices, and connectwith leading figures from public and private sectors, from large corporations and SMEs, in the congenial social atmosphere of a networking lunch.

Press Conference

Senegal Press Conference

Wednesday, November 16, 2016, 2:00 PM - 2:30 PM, Jupiter 6-7

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Press Conference

Madagascar Press Conference

Wednesday, November 16, 2016, 2:30 PM - 3:00 PM, Jupiter 6-7

This presentation from the Ministry of Posts, Telecommunications and Digital Development of Madagascar will outline the vision for the future of ICT in Madagascar, the digital industry, lessons learned and the collaboration with other countries and partners.

• Speakers

H.E. Mr André Neypatraiky Rakotomamonjy, Ministre, Ministère des Postes, des Télécommunications et du Développement Numérique, Madagascar

Mr Jean Rakotomalala Andriamaro, Président du Conseil d'Administration, Autorité de Régulation des Technologies de Communication (ARTEC), Madagascar

Mr Gilbert Andrianirina Rajaonasy, Director General of Digital Development, Ministère des Postes, des Télécommunications et du Développement Numérique, Madagascar

Mr Jean Jacques Alphonse Rakotoniaina, Directeur Général chargé des Opérations, Ministère des Postes, des Télécommunications et du Développement Numérique, Madagascar

Plenary Session

Reaching another billion: Understanding what works to stimulate ICT adoption

Wednesday, November 16, 2016, 2:45 PM - 4:00 PM, Jupiter 8-9

The ICT sector has committed to connect an additional 1.5 billion by 2020. Reaching this ambitious goal calls for innovative approaches to universal connectivity and enabling the use and adoption of broadband

– as well as innovative collaborative partnerships between public, private and civic sectors. Committed government leadership is key to tackle issues such as the increasing capacity through awareness and ability as well as driving down the cost of access and use through financial incentives and subsidies. Local language content relevant to local communities and contexts is vital to make the use case for broadband, stimulate demand and drive uptake. Different models will apply in different nations, but can cross-regional initiatives maximize opportunities at scale? How can we address the triple barrier to reaching the next billion: access, affordability and relevance? What are the roles of skills development and end user education? As the bandwidth divide threatens to increase, is meaningful connectivity more important than universal connectivity? What are the key innovative technologies and collaborative initiatives focusing on expanding connectivity and adoption today - and what can we learn from them?

This session will feature the release of a new report of the Broadband Commission Working Group on Demand chaired by Mr John Galvin, entitled: *Enabling the use of ICTs and Broadband: Understanding what works to stimulate ICT adoption.* The Working Group report is a collaborative effort and in depth look at demand creation programs. It examines case studies of different country-led programs from around the globe, targeted to stimulate ICT adoption and increase the use and impact of technologies and broadband.

REMOTE INTERPRETATION: English – French interpretation will be provided remotely as part of a pilot test conducted by ITU. If you would like to follow the interpretation, please come prepared with your smartphone or tablet andkindly follow the links below to download the app that will be required. Make sure to also bring your earphones.

Apple Store: https://itunes.apple.com/us/app/interprefy-connect/id1052701945?mt=8

Android Store: https://play.google.com/store/apps/details?id=com.mgrmobi.interprefy

Desktop: www.interprefy.com/connect

The token (code) to access the conference will be available in the room.

Open to Leader Pass, Forum Plus Pass, and Forum Pass holders

• Moderator

　　Mr John Galvin, Vice President, Government and Education, Intel Corporation, USA

• Keynote Speaker

　　Mr John Galvin, Vice President, Government and Education, Intel Corporation, USA

• Panellists

　　Dr Kemal Huseinovic, Chief, Department of Infrastructure, Enabling Environment and E-Applications (IEE), Telecommunication Development Bureau, International Telecommunication Union, Switzerland

　　Mr Shola Taylor, Secretary-General, Commonwealth Telecommunications Organisation, United Kingdom

　　Ms Sonia Jorge, Executive Director, Alliance for Affordable Internet and Director of Digital Inclusion Programs, Web Foundation, Alliance for Affordable Internet (Web Foundation), USA

　　Mr Nikolis Smith, Senior Advisor, Global Connect, U.S. Department of State, USA

Professor Umar Garba Danbatta, Executive Vice Chairman/CEO, Nigerian Communications Commission (NCC), Nigeria

Session sponsored by

Networking

Networking break with URCA Bahamas

Wednesday, November 16, 2016, 4:00 PM - 4:45 PM, Jupiter Foyer

Join the Utilities Regulation and Competition Authority (URCA), the regulatory authority of the Bahamas, for high-level networking in a relaxed and social environment in a refreshment break between Forum sessions.

Open to Leader Pass, Forum Plus Pass, and Forum Pass holders

Session sponsored by

Panel Session

The cashless future: developing digital financial services for all

Wednesday, November 16, 2016, 4:45 PM - 6:00 PM, Jupiter 8-9

An estimated 2 billion adults in the world have no access to basic financial services, representing a major barrier to socio-economic development. Digital technology, in particular mobile telephony, has the potential to offer secure, cheap and reliable transactions for people of limited income currently excluded from traditional financial services, the unbanked or underbanked.

The success of digital financial services depends on the creation of a new ecosystem of government, business and individual citizens or consumers, with collaboration between financial and ICT sectors at its heart. Indeed, over the last few years, certain parts of the developing world (in particular, Sub Saharan Africa) have experienced remarkable advances in financial inclusion using digital financial services, which leverage information and communication technology and agent networks as a cost-efficient

distribution channel. However, operators are still struggling with challenges around distribution, liquidity management, interoperability, quality of service and fraud.

For users, the issue still remains that of finding themselves locked into a service with all the drawbacks of having multiple closed loop system telco wallets which do not talk to each other. Restrictions on where a product or solution can be used causes considerable confusion for consumers and severely limits their ability to use and adopt these services. As an example, take the simple scenario of needing one account to receive payroll or government benefits, a second to load another wallet to top up airtime and pay the bill, and yet another to buy a packet of gum from a nearby store - leading to massive disruption in a client's journey or user experience. This issue is creating massive barriers to adoption and usage of financial services and severely curtailing the effectiveness of digital financial services and financial inclusion.

Questions to be discussed during this session may include:

- Can digital financial services reach everyone - and what will the social impact be?

- What new regulatory approaches are needed to foster this collaboration and accelerate access to digital financial services?

- How are technologies and market players evolving in digital financial services, and what are the current international best practices?

- What are the lessons to be learnt regarding interoperability of DFS in different markets?

- Can all our financial transactions be digital - and to what extent can even small merchants be integrated in the DFS ecosystem?

- What is needed to accelerate the shift from access tomeaningful usage?

What business, policy and regulatory common guidelines and good practices can be identified tomove the digital financial inclusion agenda forward?

REMOTE INTERPRETATION: English – French interpretation will be provided remotely as part of a pilot test conducted by ITU. If you would like to follow the interpretation, please come prepared with your smartphone or tablet and kindly follow the links below to download the app that willbe required. Make sure to also bring your earphones.

Apple Store: https://itunes.apple.com/us/app/interprefy-connect/id1052701945?mt=8

Android Store: https://play.google.com/store/apps/details?id=com.mgrmobi.interprefy

Desktop: www.interprefy.com/connect

The token (code) to access the conference will be available in the room.

Open to Leader Pass, Forum Plus Pass, and Forum Pass holders

• Moderator

> Dr. Reinhard Scholl, Deputy to the Director of the ITU Telecommunication Standardization Bureau, International Telecommunication Union, Switzerland

• Panellists

> Mr Rowan Brewer, Chief Executive Officer, Tutuka, South Africa
> Mr Roar Bjaerum, Chief Finance and Operating Officer, Telenor Financial Services, Telenor ASA, Norway

Mr Carlos Cornejo, Senior Vice President / Group Head New Consumers, Public Sector & Humanitarian Products, MasterCard Worldwide, USA

Mr Yakubu Gontor, Head of Financial Services, Nigerian Communications Commission, Nigeria

Mr R. S. Sharma, Chairman, Telecom Regulatory Authority of India (TRAI), India

Panel Session

ICT trust, innovation and trade

Wednesday, November 16, 2016, 4:45 PM - 6:00 PM, Jupiter 10

In an inter-connected world that merges day-by-day, ICT security is the top concern of both the public and the private sector. However, a lack of substantive dialogue between the two sectors very often leads to counter-productive efforts that create unnecessary barriers to global ICT innovation, competition and trade and hinder the development and vast proliferation of trustworthy and secure ICT products.

This session aims to discuss the needs and challenges of governments- as buyers of ICTs- and those of the ICT manufacturers, on the side of the supplier. How can these be best communicated to increase mutual awareness? The session will also be looking into possible improvements in the existing manufacturing and supply/procurement processes, in order to best address security concerns and increase the availability of high-quality ICT products at a global level.

Opento Leader Pass, Forum Plus Pass, and Forum Pass holders

• Moderator

    Mr Kim Andreasson, Managing Director, DAKA Advisory AB, Sweden

• Panellists

    Dr Chaesub Lee, Director of ITU's Telecommunication Standardization Bureau, International Telecommunication Union, Switzerland

    Ms Sally Long, Director, Trusted Technology Forum, The Open Group, USA

    Mr Donald A. Purdy, Huawei lead for the East-West Institute global cyber initiative, Huawei Technologies USA, USA

    Mr Xiaobing Tang, Senior Counsellor, Market Access Division, World Trade Organization, Switzerland

MEF – A New Generation of Dynamic Services

Wednesday, November 16, 2016, 4:45 PM - 6:00 PM, Jupiter 11

The MEF is focused on enabling a new generation of dynamic Third Network services for the digital economy and the hyper-connected world, providing businesses an on-demand, cloud-connected, secure, and assured experience. The MEF provides a practical evolution toward interconnected, orchestrated, and automated networks powered by LSO (Lifecycle Service Orchestration), SDN, and NFV implementations. OpenCS (Open Connectivity Services) is a MEF-facilitated ecosystem that develops reference implementations of segments of MEF-defined Third Network services using any combination of open and/or closed software, open spec hardware, commercial devices (e.g. CE 2.0 certified devices), SDN and NFV. This session will highlight Work of the MEF and the expected roadmap of industry adoption.

Open to Leader Pass, Forum Plus Pass, and Forum Pass holders

• Speaker

    Mr Kevin Vachon, Chief Operating Officer, MEF, USA

Session sponsored by

B2G Dialogue

B2G Dialogue: Top-down vs Bottom-up Innovation: Fostering Future Tech Entrepreneurship

Wednesday, November 16, 2016, 4:45 PM - 6:00 PM, Jupiter 4-5

Objective of the session: For MSMEs to describe pain points to government representatives, and together discuss the merits and shortcomings of existing and potential solutions and interventions.

Description: The issue of why tech MSMEs[1] matter has been an element of national, regional and global debate for several years. While there is solid empirical evidence confirming that MSMEs generally are a major engine of economic growth and job creation, tech MSMEs have brought a new dimension to the discussion.

In many economies around the world it is primarily young, small enterprises of less than five years that create the majority of new jobs. These high-growth enterprises are often referred to as transformational enterprises, graduate enterprises or gazelles. They are rare among the overall firm population (approx. 3%-9%), and in many cases account for more than 50% of new jobs. Helping firms to achieve high

growth has been demonstrated as an effective way of enabling wide-spread opportunity and social impact through job creation, and ICT has a major role to play, giving rise to new companies in the tech sector and supporting the overall MSME population in general.

The B2G dialogues provide a platform for open exchange and frank discussion between tech MSMEs and government representatives. Governments are actively pursuing domestic policies to support small businesses, but are their support measures effective? Are they focused on the right businesses, the right industries with the right priorities? Are their procurement processes geared towards enabling local industries? Are government contracts accessible, and transparent? Are they supporting a safe and stable environment for investment?

This session will bring these two communities together to build an understanding of the issues faced by small businesses in the real world, and explore what needs to happen at national, regional and international levels to build stronger and better techMSMEs.

Format: 75 minutes – 2 teams – 10 speakers – 4 questions – 6 rounds incl.Q&A

Questions: The dialogue will be guided by 4 questions which both teams must prepare for. The dialogue should start with tech MSMEs framing the problem, followed by an open exchange between both teams.

- What problems do tech MSMEs face?

- Are any of these problems unique or specific to the ICT sector?

- What kind of Government/IGO support/incentives are being provided? Are they helping?

- How can Government/IGO and tech MSME communities workmore closely together?

[1] Enterprises that are statistically included in the ICT sector, or reliant on ICT services(ICT-enabled), are collectively referred to as "tech". MSMEs includes micro, small and medium-sizedenterprises, defined broadly as0<employees<250 or 0<revenue<€50m. Other national and regional definitions may vary.

Open to Leader Pass, Forum Plus Pass, Forum Pass, and Exhibition Pass holders

• Moderator

    William Hurley, Managing Director, Goldman Sachs, USA

Opening Remark

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

• Panellists

    Mr Filipe Batista, Secretary General, Associação de Reguladores de Comunicações e Telecomunicações da Comunidade dos Países de Língua Portuguesa (ARCTEL-CPLP), Portugal

    Dr Pun-Arj Chairatana, Director, National Innovation Agency (NIA), Thailand

    Mr Anurag Kaushik, General Manager, Perumal Technology & Telecommunication (Thailand) Co., Ltd, Thailand

    Mr Pavel Laletin, General Partner, Co-Founder & COO, TechGrind Incubator & Venture Capital, Thailand

    Mr Per Lind, Partner, ASEAN, HYPR Asia, Thailand

    Mr James Powell, Global Strategist & Coordinator, UNICEF Global Innovation Centre, United Nations Children's Fund, USA

Ms Bettina G. Quimson, Senior ICT Adviser to Governor, Province of Batangas, Philippines, Philippines

Dr Ahmad Reza Sharafat, Senior Advisor to Minister, Chairman of ITU-D SG2, Professor of Electrical and Computer Engineering at Tarbiat Modares University, Tehran, Ministry of Information & Communication Technology (MICT), Iran

Mr David Shelters, Director of Startup Runway, C asean Foundation, Thailand

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Networking

Korea Night

Wednesday, November 16, 2016, 6:15 PM - 8:00 PM, Private Lunch Space

Join the Republic of Korea, our hosts for ITU Telecom World 2017, for dinner and details of what to expect at the event in the smart city of Busan, at the heart of one of the most technologically advanced countries in the world.

Open to Leader Pass, Forum Plus Pass, Forum Pass and Exhibition Pass holders

Session sponsored by

Ministry of Science, ICT and Future Planning

Thursday, November 17, 2016

Plenary Session

The digital economy: driving industry 4.0

Thursday, November 17, 2016, 9:30 AM - 10:45 AM, Jupiter 10

Industry 4.0 is the current trend to integrate manufacturing with cutting-edge information and communication technology. This smart approach makes it possible to deliver tailored products to meet individual customer requirements at low cost and in high quality– with huge potential impact for companies, economies and societies across the globe. The rapid parallel development of the Digital Economy is the single most important driver of innovation, competitiveness and growth worldwide. What is the meaning of "Industry 4.0"and the "Digital Economy" in the economies of different countries, and what roles will they play? What is the "lead & lag" relationship between the Digital Economy and Industry 4.0? How can Digital Economy policy impact on the implementation of Industry 4.0? What is the most critical element or process for implementing both the Digital Economy and Industry 4.0? How important is

government leadership in driving both developments? How can we prepare for the coming of the Digital Economy and Industry 4.0 – as governments, as businesses and as individuals?
Open to Leader Pass, Forum Plus Pass, and Forum Pass holders

• Moderator

Mr Pitjapol Jantanasaro, Principal Expert, National Broadcasting and Telecommunications Commission (NBTC), Thailand

Opening Remark

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

• Panellists

Dr Atip Asvanund, Secretary-General, The Telecommunications Association of Thailand under the Royal Patronage, Thailand

Ms Natasha Beschorner, Senior ICT Policy Specialist, The World Bank, Singapore

Mr John Galvin, Vice President, Government and Education, Intel Corporation, USA

Mr Saj Kumar, Vice President – Digital Transformation & IoT, SAP Asia Pvt. Ltd., Singapore

Mr Pairoj Waiwanijchakij, Country Manager, Thailand, Myanmar, and Laos, Sterite-Elitecore Technologies Pvt. Ltd., Thailand

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Panel Session

Data, Talent and e-governance: How ICTs will help achieve the SDGs by 2030

Thursday, November 17, 2016, 9:30 AM - 11:00 AM, Jupiter 11

The Sustainable Development Goals represent a unique opportunity for the world to work together on 17 critical measures that embody the collective aspirations of the world's citizens. SDGs are both an opportunity to improve the lives of millions and a challenge for our collective intent in the coming years. As stressed by the United Nations Secretary-General "undoubtedly, ICT has a catalytic role in meeting global challenges, driving economic growth, social progress and sustainable development. Innovative ICT will play a critical role in achieving the 17 Sustainable goals".

ICTs are however leading to an exponential increase in the volume and types of data available, creating unprecedented possibilities for informing, educating and transforming societies. Governments, companies, researchers and citizen groups are in a ferment of experimentation, innovation and adaptation to the newworld of data, a world in which data are bigger, easily available and more detailed than ever before.

It is also important to highlight that, like every new technology, ICTs also come with risks and challenges. ICTs may bypass or even marginalize some segments of the population who lack ICT access and skills thus possibly deepening inequalities. Special attention thus needs to be givento how to maximize the benefits of ICT for all women and men, children, youth, persons with disabilities, older persons, and othercategories of the population. There are also other concerns such as privacy and surveillance,

cybersecurity, loss of human skills, digital exclusion, and child protection in the virtual world
Organized by the UN Office of Information and Communication Technology (OICT)
Open to all Pass holders

• Moderator

Mr Paul Conneally, Head of Communications, International Telecommunication Union, Switzerland

• Panellists

Mr. Jeffrey Avina, Regional Director, Government Affairs (SEA), Microsoft, Singapore

Ms Atsuko Okuda, Chief, ICT and Development Section, United Nations Economic and Social Commission for Asia and the Pacific, Thailand

Ms Sammia Poveda, Research Fellow, United Nations University Centre, Japan

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Networking
Networking break with Inmarsat
Thursday, November 17, 2016, 10:45 AM - 11:30 AM, Jupiter Foyer

Join Inmarsat for high-level networking in a relaxed and social environment in a refreshment break between Forum sessions.
Open to Leader Pass, Forum Plus Pass, and Forum Pass holders.

Session sponsored by

Networking
Edutainment Workshop: Startup Start it!
Thursday, November 17, 2016, 11:00 AM - 2:45 PM, Jupiter 8-9

Edutainment Workshop: Startup Start it! provides participants with an overview on startups and the skills needed by successful entrepreneurs. A mixture of workshops, keynote speeches and interactive activities will boost creativity, provide hands-on experience in building business models and empower students with entrepreneurship skills in a positive, productive environment.
Edutainment Workshop Agenda
Open to all

Plenary Session

Emergency Communications

Thursday, November 17, 2016, 11:30 AM - 12:45 PM, Jupiter 10

Disasters (earthquakes, floods, cyclones, hurricanes, epidemics etc.) continue to undermine economic development, social development, and environmental protection. Existing and emerging information and communication technologies can mitigate the impact of these disasters thus increasing the change for countries to attain the Sustainable Development Goals by 2030. To effectively mobilize and deploy these technologies there is need for well-thought capacity building strategies, legal and regulatory frameworks, and innovative multi-stakeholder as well as all-inclusive initiatives. High profile panellists share their views in this highly interactive plenary session.

Open to Leader Pass, Forum Plus Pass, and Forum Pass holders

• Moderator

Dr Cosmas Zavazava, Chief of Department, PKM, International Telecommunication Union, Switzerland

• Panellists

Mr Jean Marie Altema, Directeur général, Conseil National des Télécommunications (CONATEL), Haiti

H.E. Mr Moustapha Mamy Diaby, Minister, Ministère des Postes, des Télécommunications et de l'Economie Numérique, Guinea

Mr Simon Gray, VP of Humanitarian Affairs, Eutelsat S.A., France

H.E. Mr Monise Laafai, Minister, Ministry of Communications and Transport, Tuvalu

Ms Donna Bethea Murphy, Senior Vice President, Global Regulatory, Inmarsat Plc., United Kingdom

H.E. Mr John M. Nasasira, Chairman, ITU-D Smart Sustainable Development Model (SSDM) Advisory Board, Uganda

Ms Bettina G. Quimson, Senior ICT Adviser to Governor, Province of Batangas, Philippines, Philippines

Hon Sidie Mohamed Tunis, Member of Parliament and member of the Parliamentary Oversight Committee on Information and Communications, Government of Sierra Leone, Sierra Leone

Networking

The Event Closing and ITU Telecom World Awards Ceremony

Thursday, November 17, 2016, 3:00 PM - 5:00 PM, Jupiter 4-5-6

The Event Closing and ITU Telecom World Awards Ceremony bring ITU Telecom World 2016 to a close

on the final day of the event. Highlighting the key findings from the past four days of debate on the importance of collaborating across the ICT ecosystem, the high-level Event Closing panel asks what we have learnt, what we can or should do differently, and where we see the best opportunities to work together across sectors, vertical silos and national and international boundaries. The prestigious ITU Telecom World Awards recognizing the best in innovative ICT solutions with real social impact will then be presented by ITU Secretary-General Houlin Zhao.

Open to all Pass holders

• Moderator

    William Hurley, Managing Director, Goldman Sachs, USA

• Speakers

    Mr Ifediora Ugochukwu, Co-founder and CEO, Fedironics Intelligent Metering Company, Nigeria

    Ms Jiyeon (Sophia) Park, Global Marketing Manager, ulalaLAB, Korea, Republic of

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Networking
Farewell Gathering
Thursday, November 17, 2016, 5:00 PM - 8:00 PM, Royal Jubilee Ballroom

The Farewell Gathering celebrates the end of ITU Telecom World 2016 with cultural activities, an exhibition of Thailand's arts and crafts and a summary of Event highlights to accompany the formal goodbye to all delegates and guests.