

Impact of Telecommunications/ICTs and Emerging Technologies on Social and Economic Development

PROGRAMME



16TH WORLD TELECOMMUNICATION/ICT
INDICATORS SYMPOSIUM

ITUWTIS
GENEVA2018

*Impact of telecommunications/ICTs
and emerging technologies on social
and economic development*

10 - 12 December
Geneva, Switzerland

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As of 11 December 2018

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Day 1: Monday, 10 December 2018

09:30 – 10:00	<p>Opening ceremony</p> <ul style="list-style-type: none"> • Mr Brahima Sanou, Director, Telecommunications Development Bureau, ITU • Mr Mohammed Al-Ramsi, Executive Director, Regulatory Affairs, Telecommunications Regulatory Authority, United Arab Emirates
10:00 – 10:30	<p>Group picture and coffee break</p>
10:30 – 11:30	<p>Session 1: The economic and social impact of ICTs (high-level session)</p> <p>This high-level session will bring together technology leaders, telecommunication regulators and national statisticians to discuss how ICTs impact the economy and society, and the role of data in assessing these impacts.</p> <p>Moderator: Mr Cosmas Zavazava, Chief, Projects and Knowledge Management Department, ITU</p> <p>Keynote: Mr Raul Katz, Director of Business Strategy Research, Columbia Institute for Tele-Information, Columbia University</p> <p>Panellists:</p> <ul style="list-style-type: none"> • Mr Serge Abiteboul, Member of the Arcep Executive Board, France • Ms Suella Hansen, Director, Network Strategies Limited • Mr David Harmon, Vice-President Global Public Affairs, Huawei Technologies • Mr Dominik Rozkrut, President, Statistics Poland
11:30 – 12:30	<p>Session 2: Data needs for tracking the social impact of ICTs</p> <p>ICTs are changing society profoundly, and in many different ways. The ICT sector contributes positively to economic developments worldwide, and the use of ICTs by businesses raises productivity. At the same time, ICTs are also changing the way people work, communicate and interact, learn and entertain themselves. These changes are manifold, and require a variety of data in order to analyse these changes and provide input into policy. This session will focus on the data needs and metrics to analyze the social impact of ICTs.</p> <p>Moderator: Ms Nagwa ElShenawi, Undersecretary for Information and Decision Support, Ministry of Communication and Information Technology, Egypt</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Mr Ingmar Weber, Research Director for Social Computing, Qatar Computing Research Institute (QCRI) • Mr Aaron Smith, Associate Director of Research, Pew Research Center • Mr Maximiliano Salvadori Martinhão, National Secretary of Technological Development and Innovation, Ministry of Science, Technology, Innovation and Communications, Brazil
12:30 – 14:00	<p>Lunch break</p>
13:30 – 14:00	<p>Side event: Presentation of the ICT Services Adoption Calculator Mexico, Ms Gabriela Gutiérrez, Deputy General Director of Statistics, IFT, Mexico</p>

14:00 – 15:30	<p>Session 3: Enabling sustainable development through ICTs: leaving no one behind (Partnership on Measuring ICT for Development session)</p> <p>This session, organized by the Partnership on Measuring ICT for Development, will present the thematic list of ICT indicators for the Sustainable Development Goals (SDGs). The thematic list covers indicators that measure ICT availability and use in sectors relevant to the SDGs that are not covered in the global SDG indicators framework. Leaving no one behind is an integral part of the SDG framework. For that reason, disaggregation of indicators is an important component of the thematic list, allowing to track the digital divide within countries, and monitor who is left behind.</p> <p>Moderator: Mr João Noronha, Head of Statistics and Market Research, Autoridade Nacional de Comunicações, Portugal</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Mr David Souter, Managing Director of ict Development Associates and member of Partnership on Measuring ICT for Development Task Group on ICT Indicators for the SDGs • Ms Scarlett Fondeur Gil, Economic Affairs Officer, Division on Technology and Logistics, UNCTAD • Mr Tim Kelly, Lead ICT Policy Specialist, The World Bank
15:30 – 16:00	Coffee break
16:00 – 17:00	<p>Session 4: Data science and ICTs</p> <p>Large datasets generated by users of ICTs offer the possibility of analyzing the uptake of artificial intelligence, big data, robotics and the Internet of Things. However, these datasets alone are not enough to unlock their potential. The combination of skills in data science and modern data tools are critical. This session will focus on how modern data tools are used, and how we can measure the uptake of these tools.</p> <p>Moderator: Mr Alexandre Barbosa, Head, Regional Center for Studies on the Development of the Information Society (CETIC.br), Brazil</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Mr Emmanuel Letouzé, Director, Data-Pop Alliance • Ms Sofia Kyriazi, Artificial Intelligence Engineer, UNHCR

Day 2: Tuesday, 11 December 2018

09:30 – 11:00	<p>Session 5: Measuring the Information Society Report</p> <p>For the tenth consecutive year, ITU will publish the Measuring the Information Society Report. The report will highlight the latest ICT trends and developments, and feature chapters on revenues and investment in ICTs and ICT skills for the future. It also includes the new ITU ICT Price Baskets and detailed analysis on current trends on affordability of ICT services. The report features country profiles for over 190 economies, highlighting regulatory and market developments in terms of information and communication technologies. The objective of this session is to present the main findings of the report.</p> <p>Moderator: Mr Dhanaraj Thakur, Research Director, Web Foundation</p> <p>Speakers:</p> <ul style="list-style-type: none">• Mr Cosmas Zavazava, Chief, Projects and Knowledge Management Department, ITU• Mr Martin Schaaper, Senior ICT Analyst, ICT Data and Statistics Division, ITU• Ms Esperanza Magpantay, Senior Statistician, ICT Data and Statistics Division, ITU
11:00 – 11:30	<p>Coffee break</p>
11:30 – 12:30	<p>Session 6: The ICT Development Index</p> <p>The ICT Development Index is ITU's key ICT data and benchmarking tool to measure the information society. To reflect technological changes and ICT developments, the IDI indicators and methodology have been reviewed. This session will discuss the new IDI methodology and indicators in terms of data availability challenges at the national level. It will also discuss the new methodology for estimating missing data, and provide an opportunity for those countries that have been more successful in providing data to share their experiences.</p> <p>Moderator: Mr Johannes Bauer, Quello Chair on Media and Information Policy and the Chairperson of the Department of Media and Information, Michigan State University</p> <p>Speakers:</p> <ul style="list-style-type: none">• Ms Vanessa Gray, Head, Least Developed Countries, Small Island Developing States & Emergency Telecommunications Division, on behalf of Head, ICT Data and Statistics Division, ITU• Ms Daniela Benavente, Independent Expert on the Construction of Composite Indicators• Mr Giulio Caperna, Joint Research Centre, European Commission's Science and Knowledge Service
12:30 – 14:00	<p>Lunch break</p>

14:00 – 15:30	<p>Session 7: ICT skills for the future</p> <p>One of the most pertinent explanatory variables of the digital divide is the level of ICT skills of people using ICTs. In order to use ICTs beneficially and safely, a number of competencies are required. This session will explore the types of skills that are needed to use ICTs effectively and how these could be measured.</p> <p>Moderator: Mr Dominik Rozkrut, President, Statistics Poland</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Mr Yushi Torigoe, Deputy Director, Telecommunications Development Bureau, ITU • Ms Silvia Montoya, Director, UNESCO Institute for Statistics • Ms Elif Köksal-Oudot, Economist, Directorate for Science, Technology and Innovation, OECD • Ms Nagwa ElShenawi, Undersecretary for Information and Decision Support, Ministry of Communication and Information Technology, Egypt
15:30 – 16:00	<p>Coffee break</p>
16:00 – 17:00	<p>Session 8: New data needs for the digital economy (EGH session)</p> <p>This session will feature the work of the ITU Expert Group on Household Indicators (EGH) since WTIS 2017. It will discuss recommendations and proposals for next year’s work programme, with a focus on two areas of high policy-relevance, child online protection and mobile money.</p> <p>Moderator: Ms Alana Gorospe Ramos, Chief, Department of Information and Communications Technology (DICT), the Philippines</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Ms Linah Ngumba, Senior Statistician, Kenya National Bureau of Statistics and Vice-chair of EGH • Ms Mariya Stoilova, Research Officer, Department of Media and Communications, London School of Economics
17:30 – 19:30	<p>Reception</p>

Day 3: Wednesday, 12 December 2018

09:30 – 11:00	<p>Session 9: Smart data for smart ICT regulation and policy-making (EGTI session)</p> <p>Telecommunication markets are being transformed by the emergence of new technologies, such as 5G and the Internet of Things, as well as by evolving consumption patterns, such as the increasing demand for fixed and mobile bundles. Policy-makers and regulators need new and smart data to monitor these trends and respond fast to the related challenges, such as spectrum requirements and users' expectations concerning quality of service (QoS).</p> <p>This session will feature the work of the Expert Group on Telecommunication/ICT Indicators (EGTI) since WTIS 2017 in key topics such as 5G indicators, QoS monitoring, indicators on spectrum allocation/assignment and data on converged bundles, and will make recommendations and proposals for the future work of EGTI. Best practices from countries will be presented using innovative data collections in these areas to design and implement smart regulation and policy-making.</p> <p>Moderator: Ms Annie Baldeo, Executive Officer, Economics, Telecommunications Authority of Trinidad and Tobago</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Mr João Noronha, Head of Statistics and Market Research, Autoridade Nacional de Comunicações, Portugal • Mr Muhammad Arif Sargana, Director Economic Affairs, Pakistan Telecom Authority • Ms Ana Lucrecia Segura, Economic Analysis Coordinator, General Directorate of Markets, SUTEL, Costa Rica
11:00 – 11:30	Coffee break
11:30 – 12:30	<p>Session 10: Affordability of ICT services</p> <p>High prices are one of the main barriers to ensure higher levels of ICT access and use. This session will highlight the importance of affordability, and discuss the methodology of the revised ITU ICT price baskets, launched in late 2018. The mobile-cellular fixed-broadband, and mobile-broadband baskets have been updated to reflect changes in ICT market and consumer patterns. This includes a new mobile data-and-voice bundle, which contains both a low- and a high-consumption basket.</p> <p>Moderator: Mr Calvin Bahia, Principal Economist, GSMA</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Mr Dhanaraj Thakur, Research Director, Web Foundation • Ms Shazna Zuhyle, Research Manager, LIRNEasia
12:30 – 14:00	Lunch break
14:00 – 14:30	Session 11: Chair's summary and conclusions
14:30 – 15:00	Closing ceremony