



GLOBAL ICT CAPACITY BUILDING SYMPOSIUM (CBS-2016)

Embracing Capacity Building Opportunities in the Digital Era

Nairobi, Kenya
6-8 September 2016

PROVISIONAL PROGRAMME



Venue of CBS-2016
Safari Park Hotel and Casino, Nairobi, Kenya

REPUBLIC OF KENYA



What is CBS?

The ITU Global ICT Capacity Building Symposium (CBS) is the main global event for capacity development in the field of information and communication technology (ICT). The Symposium brings together stakeholders from across the world to discuss trends and developments in the sector and their implications for human and institutional capacity building. CBS initially focused only on matters related to human resources and thus was targeted mainly to human resources practitioners. It has since broadened its scope to embrace human and institutional capacity building, drawing on a global network of expertise from different regions and stakeholders.

CBS-2016 Symposium theme: “Embracing capacity building opportunities in the digital era”

Global leaders have adopted the Sustainable Development Goals (SDGs) as successor to the Millennium Development Goals (MDGs). These goals are to be achieved at a time of major digital technology transformation that will impact the way people live and societies operate. Emerging technologies such as the Internet of Things (IoT) are increasingly becoming a reality. The advent of smart cities and smart societies, as well as the growth of big data, require different sets of knowledge and skills across all sections of society. Governments, industry, universities and other higher education institutions need to invest in, and develop a range of ICT skills, which will not only enable increased participation in the economy, but will ensure the creation of digital citizens for a digital society.

Participants

CBS attracts participants from countries worldwide, as well as from regional and international organisations. Panellists include high-level officials such as Ministers, Director-Generals of Regulatory Authorities, heads of UN Organisations, CEOs of private sector companies, representatives from Universities and research institutions and other experts in ICT capacity building. Several thought leaders from the academic community are expected to make presentations at the Symposium.

Read the biographies of all panellists at the CBS-2016 website.

Outcomes

The outcomes of the Symposium will provide strategic guidance to the national and international community, including ITU, on capacity building in the field of ICT, and on strengthening collaboration among the global ICT capacity building community. This will directly contribute to the achievement of the SDGs across all development sectors. For universities and other training providers, the Symposium provides a forum to gauge the needs of the market in terms of training and capacity building in the field of ICT, and helps them shape their training and delivery programmes.

www.itu.int/go/cbs2016

CBS-2016 pre-events

MONDAY, 5 SEPTEMBER 2016

09:30 – 12:30 Capacity building in Internet Governance: Stakeholder perspectives

This session brings together ICT professionals and executives from Government ministries, Regulatory Authorities, UN Organisations, private sector companies, Universities and research institutions as well as global and regional bodies dealing with Internet Governance. The event provides a platform for stakeholders to discuss capacity building issues in international Internet Governance and to map out strategies for addressing these. Participants will exchange views based on their diverse experience. In order to enrich discussions, the event will be interactive to give all participants an opportunity to freely contribute to the discussions.

Opening remarks: Mr Brahim Sanou, Director, Telecommunication Development Bureau, ITU

Moderator: Dr David Souter, Managing Director, ICT Development Associates

Panellists

- Ms Alice Munyua, Board Member, Internet Society (ISOC)
- Ms Anne-Rachel Inné, Vice-President Government Engagement, Internet Corporation for Assigned Names and Numbers (ICANN)
- Dr Katharina Hone, Project Manager and Researcher for Online Learning, Diplo Foundation
- Dr Olga Cavalli, Co-founder and Academic Director, South School on Internet Governance (SSIG)
- Ms Anriette Esterhuysen, Executive Director, Association for Progressive Communications (APC)
- Mr Santiago Reyes-Borda, Senior Policy Advisor, Department of Innovation, Science and Economic Development, Canada

12:30 – 14:00 Lunch Break

14:00 – 16:00 Regulators as enablers and beneficiaries of capacity building

This session discusses capacity building challenges faced by regulators in light of the fast evolving ICT sector that is experiencing the introduction of new technologies at an unprecedented pace. This calls for new and innovative ways of regulation through upgrading of staff skill sets and training.

Opening remarks: Mr Brahim Sanou, Director, Telecommunication Development Bureau, ITU

Moderator: Dr Kemal Huseinovic, Chief, Department of Infrastructure, Enabling Environment and E-Applications, Telecommunication Development Bureau, ITU

Panellists

- Dr Ismail Shah Syed, Chairman, Pakistan Telecommunications Authority, Pakistan
- Professor Umar Danbatta, Executive Vice Chairman, Nigerian Communications Commission, Nigeria
- Ms Nadine Choraó, Executive Secretary, ARCTEL
- Mr Troy Tanner, Deputy Chief of the International Bureau, Federal Communications Commission (FCC), United States
- Dr Bo Andersson, Chief Economist, Swedish Post and Telecom Authority (PTS), Sweden
- Mr Ulf Larsson, Programme Manager, Swedish Programme for ICT in Developing Regions (Spider), Stockholm University
- Mr Francis W. Wangusi, Director General, Communications Authority of Kenya

CBS-2016 agenda

TUESDAY, 6 SEPTEMBER 2016

09:00 – 09:45 Opening ceremony

Performance of the Kenya National Anthem

Entertainment interlude

Opening remarks

- Mr Francis W. Wangusi, Director General, Communications Authority of Kenya
- Mr Brahima Sanou, Director, Telecommunication Development Bureau, ITU
- H.E. Dr Fred Okengo Matiang'i, Cabinet Secretary, Ministry of Education, Science and Technology, Republic of Kenya
- H.E. Mr Joseph Mucheru, Cabinet Secretary, Ministry of Information, Communications and Technology, Republic of Kenya
- Mr Houlin Zhao, Secretary-General, ITU

09:45 – 10:00 Group photo and exhibition official opening

10:00 – 10:30 Coffee break

10:30 – 12:00 Ministerial Roundtable: ICTs, Sustainable Development Goals and future priorities for human capacity building

ICTs are key enablers of development and play a crucial role in the attainment of the Sustainable Development Goals (SDGs). Central to this is the competencies of people to use and leverage ICTs effectively. The demand for an ICT-skilled workforce is growing rapidly, and public policy in terms of education systems and vocational training programmes need to keep pace with the challenge. In this session, Ministers of ICT and Education will address policy and strategic considerations related to the role of ICT in human and institutional capacity building and how it impacts sustainable development. Panelists will be expected to make reference to policy priorities, delivery of development programmes, and to share experiences from their own countries, and Agencies.

Moderator: Dr Cosmas Zavazava, Chief of Department, Project Support and Knowledge Management, Telecommunication Development Bureau, ITU

Ministers

- H.E. Mr Joseph Mucheru, Cabinet Secretary, Ministry of Information, Communications and Technology, Republic of Kenya
- H.E. Dr Fred Okengo Matiang'i, Cabinet Secretary, Ministry of Education, Science and Technology, Republic of Kenya

- H.E. Mr Fidélis Forbs, Secretary of State, Ministry of Transport and Telecommunications, Guinea-Bissau
- H.E. Mr Me Mountaga Tall, Minister, Ministry of Digital Economy, Information and Communication, Mali
- H.E. Mr Mohamed Jama Mursal, Minister, Ministry of Post and Telecommunications, Somalia
- H.E. Mr Suleiman Zuhairi, Deputy Minister, Ministry of Telecommunications and Information Technology, State of Palestine
- H.E. Mr Cornelius Deveaux, Deputy Minister, Ministry of Information and Communications, Sierra Leone
- H.E. Dr Win Mlambo, Deputy Minister, Ministry of Information, Communication Technology, Postal and Courier Services, Zimbabwe

12:00 – 14:00 Lunch break

14:00 – 15:30 **Leaders Dialogue: Establishing coherence in capacity building**

This session brings together Chief Executive Officers from industry, Director Generals of Regulatory Authorities, and representatives of Universities to discuss issues related to national skills policies, industry skills requirements, and the role of academic institutions as providers of skills. The session will also discuss emerging technological opportunities that could contribute to a more informed and equipped workforce. The session seeks to establish a common understanding among different stakeholders from both the demand and supply side of capacity building in the field of ICT, and to draw a set of recommendations to guide countries in taking advantage of emerging technologies for sustainable development.

Moderator: Mr Wallace Kantai, Business Editor, Nation Media Group, Kenya

Panellists

- Professor Umar Danbatta, Executive Vice Chairman, Nigerian Communications Commission, Nigeria
- Dr Ismail Shah Syed, Chairman, Pakistan Telecommunications Authority, Pakistan
- Mr Troy Tanner, Deputy Chief of the International Bureau, Federal Communications Commission (FCC), United States
- Dr Liu Yan, Director General, State Radio Monitoring Center, MIIT, China
- Mr Aldo Mareuse, Chief Executive Officer, Telkom Kenya
- Ms Kerstin Borglin, Director, Swedish Programme for ICT in Developing Regions (Spider), Stockholm University
- Mr Gabriel Solomon, Chairman, United Kingdom Telecommunications Academy (UKTA)

- Dr Saba Bokhari, Education/Programme Specialist, UNESCO Regional Office for Eastern Africa
- Dr Gilbert Saggia, Country Managing Director, Oracle Kenya
- Dr Piotr Pluta, Director Corporate Affairs, Europe, Middle East, Africa and Russia, Cisco

15:30 – 16:00 Coffee break

16:00 – 17:00 **Coping with new skills requirements in a changing ICT environment**

Today's digital economy is driven by technological innovation. The business community leads in the development of technologies, including Over the Top technologies, Internet of Things (IoT), big data, wearables, mobile applications, and the cloud. This session discusses the skills required for companies to turn the emerging technologies into business opportunities and creating new jobs, as well as the capacity building challenges arising from these new jobs. The session is conducted through sharing of case studies on successful innovation programmes and initiatives.

Moderator: Mr Andrew Rugege, Regional Director for Africa, ITU

Panellists

- Mr Wikus Van der Merwe, Managing Director, HCBS ICT Learning Academy, South Africa
- Mr David Bunei, General Manager for East Africa, Cisco
- Dr Julius Ogony, Senior Council Member, Computer Society of Kenya (CSK) and World Information Technology and Services Alliance (WITSA)
- Ms Annie Gladding, Global Education Specialist, INTEL Corporation
- Professor Antoine B. Bagula, Senior Associate, Abdus Salam International Centre for Theoretical Physics (ICTP), Italy

19:00 **Gala dinner at Safari Park Hotel (hosted by Communications Authority of Kenya)**

WEDNESDAY, 7 SEPTEMBER 2016

09:00 – 10:30 **University without walls: Exploring new ways of learning in a digital era**

This session examines the transformational changes that have taken place within the learning landscape due to ICT developments, and how these changes impact the existing theories, types and styles of learning and knowledge dissemination. The session discusses learning methodologies such as online learning and face-to-face learning and presents opportunities available in the digital era, such as massive open online courses (MOOCs), social media tools, and challenges associated with them. The session will seek to answer a number of questions such as: is the market and industry ready to embrace the digital delivery of education and training?

Moderator: Dr David Souter, Managing Director, ICT Development Associates

Panellists

- Dr Maria Garrido, Research Assistant Professor, Technology & Social Change Group (TASCHA), University of Washington
- Ms Ronda Zelezny Green, Visiting Tutor, Royal Holloway, University of London
- Ms Lucienne Abrahams, Director and Senior Lecturer, Link Centre, Wits University
- Mr Mohamadou Arabani Saibou, Director General, Ecole Supérieure des Télécommunications de Dakar (ESMT)
- Mr Jaco du Toit, Adviser for Communication and Information, UNESCO Regional Office for Eastern Africa

10:30 – 11:00 **Coffee break**

11:00 – 12:30 **In search of excellence: ITU Centres of Excellence model**

The ITU has a global network of Centres of Excellence that provides training in a range of ICT disciplines under the umbrella of the ITU Academy. In this session, selected ITU Centres of Excellence from all regions showcase their success stories and share their capacity building models and best practices. What are the lessons learnt so far, and what are the possible future opportunities of growing this successful brand?

Moderator: Dr Cosmas Zavazava, Chief of Department, Project Support and Knowledge Management, Telecommunication Development Bureau, ITU

Panellists

- Dr Ikechukwu Adinde, CEO, Digital Bridge Institute, Nigeria
- Ms Kalaya Chinatiworn, Director of International Organizations Group, Ministry of ICT, Thailand
- Mr Mario Ferreira, Continuing Education Associate Manager, Instituto Nacional de Telecomunicações, Brazil
- Ms Liu Xiaohong, Department Manager of China Telecommunication Technology Labs, China Academy of Information and Communications Technology (CAICT)

- Professor Juan Pablo Martín, Facultad Regional San Nicolás, Universidad Tecnológica Nacional, Argentina
- Dr Jaroslav Burčík, Head, Centre of Excellence for cybersecurity, Czech Technical University in Prague (CTU)
- Mr Santiago Reyes-Borda, Senior Policy Advisor, Department of Innovation, Science and Economic Development, Canada and Chair of Global Capacity Building Initiative, ITU

12:30 – 14:00 Lunch break

14:00 – 15:30 **A dialogue with capacity building champions from the academic community**

The session brings together representatives from Universities and other higher education and research institutions to discuss the central role they play as champions of capacity building and trail-blazers in introducing smart approaches in capacity building using hi-tech innovations. Universities involved in innovative work in the area of research and development related to emerging technologies (e.g. smart cities, smart societies, Internet of Things) will present their work. In particular they will demonstrate how Universities collaborate with industry, especially the private sector, to drive innovation and produce both products and graduates that fit the needs of the market.

Moderator: Dr Olga Cavalli, Co-founder and Academic Director, South School on Internet Governance (SSIG)

Panellists

- Dr Andres Navarro Cadavid, Professor, Universidad Icesi, Colombia
- Dr Katharina Hone, Project Manager and Researcher for Online Learning, Diplo Foundation
- Dr Oliver Holland, Research Fellow, Centre for Telecommunications Research, King's College London
- Professor Roberto Rossi, Academic Vice Rector, Universidad Blas Pascal, Argentina
- Ms Belinda Exelby, Head of International Relations, GSMA

15:30 – 16:00 Coffee break

16:00 – 17:00 **A new digital generation: Young innovators**

This session brings together young people from all over the world whose technological innovations contribute to capacity building leading to socio-economic development. The young innovators present their ideas, ICT innovations and the impact these innovations have in the delivery of education and training, as well as the contributions they make to capacity building.

At the end of the session, the audience will be invited to vote for the best innovation.

Moderator: Eng Martin Obuya, Ambassador of Government Affairs, iHub

Panellists

- Ms Ilana Milkes, Founder and CEO, World Tech Makers
- Mr Pratik Marwah, Co-Founder and COO, iAugmentor Labs
- Mr Cornelius Wafula, Lead Developer, Easyprep
- Ms Katarina Stensson, Team leader, L:ara
- Mr Duncan Mochama, Business Development Manager, BRCK Education

17:00 – 18:00 Visit to exhibition stands: presentations and networking opportunities

19:00 Cocktail reception at Safari Park Hotel (hosted by Communications Authority of Kenya)

THURSDAY, 8 SEPTEMBER 2016

09:00 – 10:30 Celebrating resilient and successful capacity building partnerships

This session will feature successful partnerships for capacity building that have been forged by ITU and other organizations. ITU partners will share testimonials relating to initiatives and activities jointly implemented with ITU and the impact these initiatives have had on individuals, countries and regions.

Moderator: Dr Cosmas Zavazava, Chief of Department, Project Support and Knowledge Management, Telecommunication Development Bureau, ITU

Panellists

- Dr Piotr Pluta, Director Corporate Affairs, Europe, Middle East, Africa and Russia, Cisco
- Mr Jamal Anderson, Curriculum Coordinator, United States Telecommunications Training Institute (USTTI)
- Mr Gabriel Solomon, Chairman, United Kingdom Telecommunications Academy (UKTA)

10:30 – 11:00 Coffee break

11:00 – 11:45 Presentation of awards

11:45 – 12:15 Roundup of Symposium: Conclusions and recommendations

12:15 – 12:30 Closing ceremony

