COMMONWEALTH
CYBERSECURITY
FORUM 2015

22 - 24 APRIL 2015, **BT CENTRE**, LONDON, UK

COMMONWEALTH
TELECOMMUNICATIONS
ORGANISATION

CTO

EVENT
GUIDE

SECURING CYBERSPACE
FOR SOCIAL AND ECONOMIC
DEVELOPMENT

KEY
TOPICS

Commonwealth approach to **Cybergovernance** and **Cybersecurity**

International and **Commonwealth** cooperation

Standardising Cybersecurity

Data protection and **privacy**

Protecting property and **people online**

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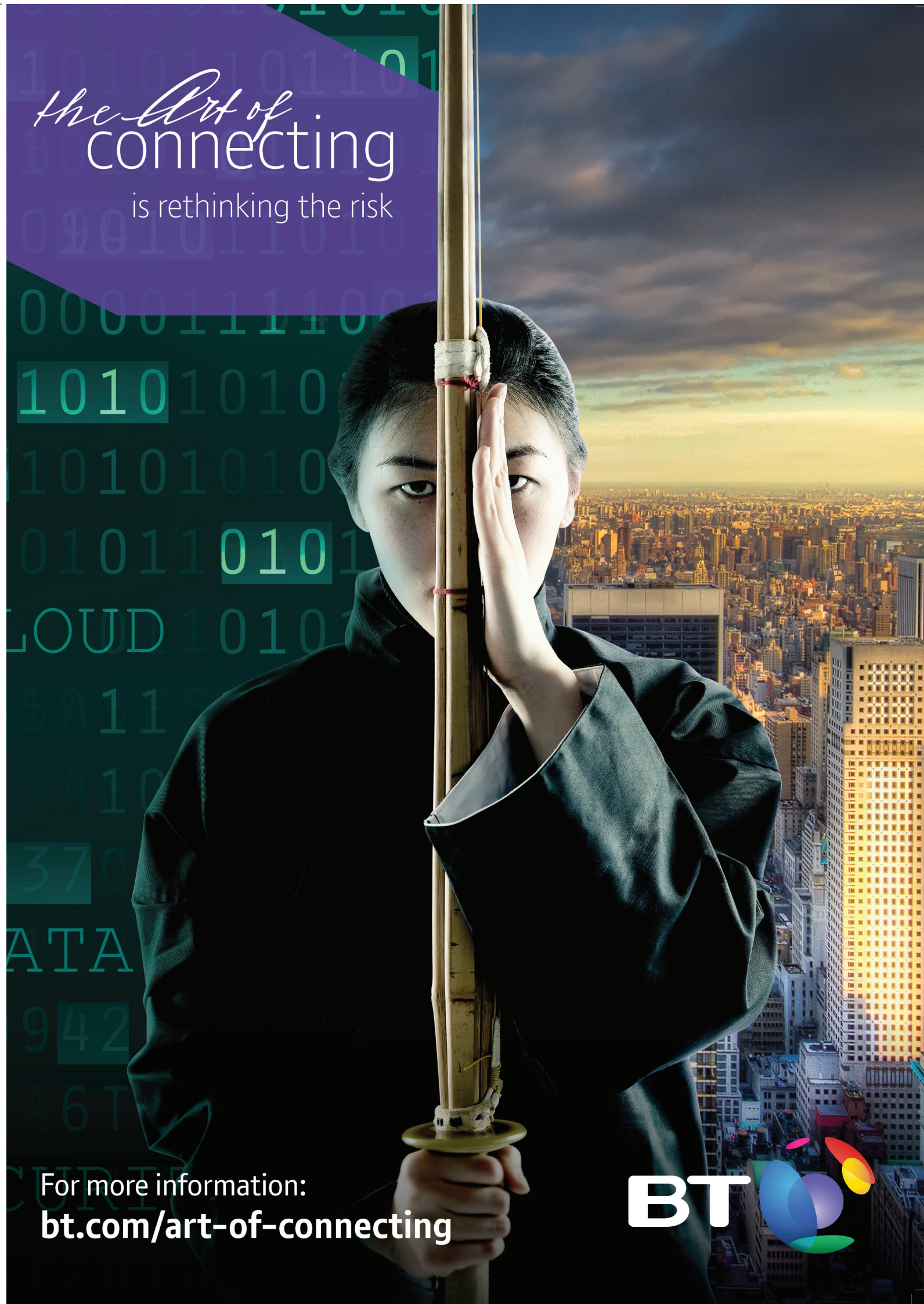
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WELCOME ADDRESS

Professor Tim Unwin
Secretary-General
Commonwealth
Telecommunications
Organisation

Honourable Ministers, colleagues and friends,

I am delighted to welcome you to the **Commonwealth Cybersecurity Forum 2015**.

This year's event - the fifth conference on cybersecurity convened by the Commonwealth Telecommunications Organisation since 2010 - aims to provide delegates with an opportunity to focus particularly on the social and economic significance of cybersecruity and resilience. The Internet has fundamentally changed both the amount of information that people can access, and also the ways through which they access it. However, this brings with it many threats, and therefore the safety, security and resilience of the Internet is of considerable importance for successful social and economic development. Governments, companies, civil society and users all have a shared responsibility in safeguarding the freedom of the Internet.

The shared values of the Commonwealth, focusing especially on democracy, good governance and consensus, provide a strong foundation to determine guidelines for effective Internet governance. It is with these values in mind that the Commonwealth Telecommunications Organisation developed the Commonwealth Cybergovernance Model, which was approved by Commonwealth ICT Ministers at their meeting in London on 3 to 4 March 2014. These principles encapsulate four overarching principles guiding Commonwealth countries to ensure that robust and secure strategies are in place to combat malicious cyber activities, and protect critical infrastructure.

This Forum provides participants with an opportunity to exchange ideas, share knowledge, and build relationships with peers from across the Commonwealth and beyond. I very much hope that the experiences gained through participation in it will enable us all to redouble our efforts to ensure that the Internet will remain a powerful tool for ensuring effective social and economic development.

I wish you a very successful **Commonwealth Cybersecurity Forum 2015**.

Professor Tim Unwin
Secretary-General
Commonwealth Telecommunications Organisation

COMMONWEALTH CYBERSECURITY FORUM 2015

22 - 24 APRIL 2015, LONDON, UK

DAYONE22APRIL2015

REGISTRATION
08:30 - 09:00

08:30 **Registration opens and morning refreshments**

CYBERSECURITY AND THE COMMONWEALTH
09:00 - 10:30

09:00 **Welcome**
Les Anderson, Vice President of Cyber, BT Security, United Kingdom

09:20 **Keynote address: The role of cyberspace in socio-economic development**
Honourable Aiyaz Sayed-Khaiyum, Attorney-General and Minister for Finance, Public Enterprises, Public Service and Communications, Republic of Fiji

09:40 **Applying Commonwealth's unique strengths and potentials to cyberspace**
Professor Tim Unwin, Secretary-General, Commonwealth Telecommunications Organisation

10:00 **Keynote address: Promoting pluralism in cyberspace**
Honourable Tshenolo Arithur Mabeo, Minister of Transport and Communications, Republic of Botswana

10:30 **GROUP PHOTOGRAPH & MORNING REFRESHMENTS**

CYBERTHREAT LANDSCAPE
11:00 - 12:00

Chair: **Cris Seecheran**, Chief Executive Officer, Telecommunications Authority of Trinidad and Tobago

11:00 **Keynote address: Improving international cooperation**
Dr Jamie Saunders, Director of the National Cyber Crime Unit, National Crime Agency, United Kingdom

11:20 **Panel discussion: How can countries work together to combat cyberthreats?**
- Emerging trends
- Perspectives of developing countries
- Industry perspective
Dr Jamie Saunders, Director of the National Cyber Crime Unit, National Crime Agency, United Kingdom
Stuart Aston, National Security Officer, Microsoft UK

NATIONAL CYBERSECURITY STRATEGIES
12:00 - 13:00

Chair: **Professor Tim Unwin**, Secretary-General, Commonwealth Telecommunications Organisation

12:00 **Cohesive approach to cybersecurity through national cybersecurity strategies**
Mike StJohn-Green, Independent Cybersecurity Consultant, United Kingdom

12:20 **Panel discussion: Implementing cybersecurity strategies: Responding to cyberthreats in a changing environment**
- Developing national cybersecurity strategies
- Implementation challenges

- Resource constraints
- Sharing experiences
Honourable Aiyaz Sayed-Khaiyum, Attorney General and Minister for Finance, Public Enterprises, Public Service and Communications, Fiji
Anita Sohan, International Affairs Officer, Ministry of National Security, Trinidad and Tobago
David Upton, Professor of Operations Management, Saïd Business School, University of Oxford
John Lyons, Chief Executive Officer, The International Cyber Security Protection Alliance, United Kingdom
Mike StJohn-Green, Independent Cybersecurity Consultant, United Kingdom
Offical launch of National Cybersecurity Strategies: Botswana, Cameroon and Uganda

13:00 **NETWORKING LUNCH**

E-COMMERCE AND CYBERLAWS: IMPLICATIONS FOR DEVELOPING COUNTRIES
14:30 - 15:30

Chair: **Torbjörn Fredriksson**, Chief, ICT Analysis Section, UNCTAD

14:30 **UNCTAD's Information Economy Report 2015: Unlocking the e-commerce potential for developing countries**
Torbjörn Fredriksson, Chief, ICT Analysis Section, UNCTAD

14:50 **Increasing trust in e-commerce: Creating a secure environment for businesses and consumers**
- Facilitative environment - Policy, regulatory, and technical
- Trends
Cécile Barayre El-Shami, Programme Manager, E-Commerce and Law Reform, ICT Analysis Section, UNCTAD
Professor Ian Walden, Professor of Information and Communications Law, Queen Mary University of London

15:30 **AFTERNOON REFRESHMENTS**

SECURING THE INTERNET
16:00 - 17:00

Chair: **Nigel Hickson**, Vice President for Europe, Internet Corporation for Assigned Names and Numbers

16:00 **Keynote address: Securing the Internet - an ICANN perspective**
Nigel Hickson, Vice President for Europe, Internet Corporation for Assigned Names and Numbers

16:20 **Panel discussion: Securing the future of the Internet**
- Implementing DNSSEC
- Challenges and opportunities
Kevin Williams, General Manager, TC-UK Internet Security Ltd, United Kingdom
Mark Carvell, Senior Policy Adviser, Global Internet Governance Policy, Department for Culture, Media and Sport, United Kingdom
Tim Noonan, Director, Campaigns and Communications, International Trade Union Confederation

17:00 **CLOSE OF DAY ONE**
DRINKS RECEPTION HOSTED BY BT AT THE BT CENTRE

DAY TWO 23 APRIL 2015

FEATURE PRESENTATION : PROTECTING CHILDREN ONLINE
09:00 - 09:30

09.00 **John Carr OBE**, Executive Board Member, UK Council for Child Internet Safety

CRITICAL INFORMATION INFRASTRUCTURE PROTECTION
09:30 - 10:50

Chair: **Heli Tiirmaa-Klaar**, Head of Cyber Policy Coordination, Conflict Prevention and Security Policy Directorate, European External Action Service

09:30 **Cybersecurity and protection of critical information infrastructure**
Peter Burnett, Meridian Coordinator, Former UK CIIP International Strategist

09:50 **A perspective & reality from the Commonwealth**
Martin Koyabe, Head of Research and Consultancy, Commonwealth Telecommunications Organisation

10:10 **Panel discussion: Protecting critical information infrastructure in the cyber age**
• Customising CIIP to fit local conditions
• Risks and mitigation
• Stakeholders and management of CIIP
Ian Bryant, Programme Manager & Technical Director, UK Trustworthy Software Initiative
Tim Grieveson, Chief Cyber & Security Strategist, Hewlett-Packard, United Kingdom
Martin Koyabe, Head of Research and Consultancy, Commonwealth Telecommunications Organisation
Peter Burnett, Meridian Coordinator, Former UK CIIP International Strategist

10:50 MORNING REFRESHMENTS

COMPUTER EMERGENCY RESPONSE TEAMS SHOWCASE
11:20 - 12:20

Chair: **Rosheen Awotar-Mauree**, Cybersecurity Officer, International Telecommunication Union

11:20 **Kenya's experiences in CERT implementation**
Vincent Ngundi, Assistant Director, Information Technology, Communications Authority of Kenya

11:40 **Panel Discussion: Experiences on setting up and operating CERTs**
Kodzo Gadzekpo Adomey, Education and Researchn Manager, AfricaCERT, Republic of Ghana
Vincent Ngundi, Assistant Director, Information Technology, Communications Authority of Kenya

FEATURE PRESENTATION : EU CYBERSECURITY POLICIES AND CAPACITY BUILDING
12:20 - 12:50

12.20 **Heli Tiirmaa-Klaar**, Head of Cyber Policy Coordination, Conflict Prevention and Security Policy Directorate, European External Action Service

12.50 NETWORKING LUNCH

PUBLIC KEY INFRASTRUCTURE
13:50 - 14:50

Chair: **Martin Koyabe**, Head of Research and Consultancy, Commonwealth Telecommunications Organisation

13:50 **Public key infrastructure development in Cameroon**
Njei Check, Head of PKI Development Unit, National Agency for Information and Communication Technologies, Cameroon

14:10 **Panel discussion: Public key infrastructure: Implementation challenges**
• Applications and advantages
• Legislative and regulatory frameworks
• Implementation challenges
Njei Check, Head of PKI Development Unit, National Agency for Information and Communication Technologies, Cameroon
Peter Kahiigi, Director Information Security, National Information Technology Authority, Republic of Uganda

14:50 AFTERNOON REFRESHMENTS

THE COMMONWEALTH'S RESPONSE TO CYBERCRIME
15:20 - 16:00

Chair: **Shadrach Haruna**, Legal Adviser, Commonwealth Secretariat

15:20 **Panel discussion: A collective response to cybercrime**
Colin Nicholls QC, Chair, Commonwealth Working Group of Experts on Cybercrime
Lasantha De Alwis, Head of the Operations Department/Corporate Secretary, Commonwealth Telecommunications Organisation
Mike Taylor, International Cyber Crime and Online Child Sexual Abuse, Strategic Centre for Organised Crime (PURSUE)

16.00 CLOSE OF DAY TWO

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SOCIAL MEDIA AND SECURITY
09:00 - 10:10

Chair: **Nievia Ramsundar**, Corporate Secretary, Telecommunications Authority of Trinidad and Tobago

09:00 **Managing security on social media**
Claire Lilley, Head of Child Safety Online, National Society for the Prevention of Cruelty to Children, United Kingdom

09.20 **#StopHate - Our approach to cyberbullying**
Honourable José Herrera MP - Parliamentary Secretary for Competitiveness and Economic Growth, Ministry for the Economy, Investment and Small Business, Republic of Malta

09:30 **Panel Discussion: Privacy in social networks: Are social media users safe?**
- Equitable legal frameworks
- Protecting the vulnerable
- Rights and obligations of stakeholders

Honourable José Herrera MP - Parliamentary Secretary for Competitiveness and Economic Growth, Ministry for the Economy, Investment and Small Business, Malta
Claire Lilley, Head of Child Safety Online, National Society for the Prevention of Cruelty to Children, United Kingdom
Dr. Rahul Khullar, Chairman, Telecom Regulatory Authority of India
Susie Hargreaves, Chief Executive Officer, Internet Watch Foundation, United Kingdom

10:10 **MORNING REFRESHMENTS**

DATA PROTECTION AND PRIVACY
10:30 - 11:50

Chair: **Mark Keddie**, Chief Privacy Officer, BT Group, United Kingdom

10:30 **Keynote address: Concepts and practices**
David Smith, Deputy Commissioner and Director of Data Protection, Information Commissioner's Office, United Kingdom

10:50 **Managing privacy responsibly in the daily practices of law enforcement**
Olivier Burgersdijk, Head of Strategy, European Cybercrime Centre, Europol

11:10 **Panel discussion: Data and privacy: Striking the right balance**
- Issues in implementation
- Striking the balance
- Common Thread Network

David Smith, Deputy Commissioner and Director of Data Protection, Information Commissioner's Office, United Kingdom
Olivier Burgersdijk, Head of Strategy, European Cybercrime Centre, Europol
Eleanor Adzaho Sarpong, Board Member, Data Protection Commission, Republic of Ghana

Offical launch of the initiative to develop Commonwealth Data Protection and Privacy Framework

BIG DATA, CLOUD AND SECURITY
11:50 - 12:45

Chair: **Martin Koyabe**, Head of Research and Consultancy, Commonwealth Telecommunications Organisation

11:50 **Security of data in the cloud**
Ashish Gupta, BT Global Services President, Portfolio & Service Design, United Kingdom

12:10 **Where is my big data: Security, privacy and jurisdictions in the cloud**
Chris Swan, Chief Technology Officer, Cohesive Networks, United Kingdom

12:30 **Q&As**

12.45 **NETWORKING LUNCH**

INTERNATIONAL CYBER CAPACITY BUILDING
13:45 - 14:45

Professor Tim Unwin, Secretary-General, Commonwealth Telecommunications Organisation

13:45 **Measuring a nation's Cybersecurity capacity insight**
Professor Sadie Creese, Professor of Cybersecurity and Director, Global Cyber Security Capacity Building, Oxford Martin School, University of Oxford, United Kingdom

14:05 **Showcase of international capacity building initiatives**
Aireni Omerri, Founder, Information Security for Africa, United Kingdom
Professor Sadie Creese, Professor of Cybersecurity and Director, Global Cyber Security Capacity Building, Oxford Martin School, University of Oxford, United Kingdom
Tony Clemson, Head of Capacity Building, Global Cyber Policy Unit, Foreign and Commonwealth Office, United Kingdom

CLOSING CEREMONY
14:45 - 14:55

14:45 **Concluding address**
Professor Tim Unwin, Secretary-General, Commonwealth Telecommunications Organisation

14:55 **END OF COMMONWEALTH CYBERSECURITY 2015 FORUM**

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BT is one of the world's leading providers of communications services and solutions, serving customers in more than 170 countries and in the year ending 31 March 2014 generated more than £18bn in revenue.

BT Security is a part of BT's Global Services line of business. Its role is to protect BT and also deliver security solutions to customers worldwide which it does via its Assure portfolio of comprehensive and integrated security products and services.

BT Security is building on 70 years' experience of helping organisations across all sectors get ahead of the threat curve and has achieved global analyst recognition for delivering outstanding managed security services globally to customers. These customers are advised by a world-wide team of 2,000 security practitioners and professional services consultants and serviced via 14 Security Operations Centres around the world.

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ICANN is a not-for-profit public-benefit corporation with participants from all over the world dedicated to keeping the Internet secure, stable and interoperable. It promotes competition and develops policy on the Internet's unique identifiers. Through its coordination role of the Internet's naming system, it does have an important impact on the expansion and evolution of the Internet.

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Executive Education at Saïd Business School draws on the entire resource base of Oxford University, to offer executive development that both inspires individuals and creates significant business impact through programmes that enable transformational thinking.

Our portfolio of future-facing open-enrolment, diploma and custom programmes build long-term partnerships with our clients – developing, empowering and supporting their activities at both the individual and organisational level. Oxford provides personal interaction and peer to peer learning opportunity, bringing together diverse senior level executives from across the world allowing participants to benefit from discussing strategic questions with peers from regions at different stages of the economic cycle.

EXHIBITOR PROFILE

ISfA is a collective of collaborateurs who currently number 1255 from 93 countries on 6 continents. 35 African countries are represented and approx 12% are female. We are donating our collective intelligence to answer the following question, What does Africa's information security landscape look like?

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UPCOMING EVENTS

INTERNATIONAL EVENTS AND CONFERENCES	DATE	LOCATION	HOST
Commonwealth Broadband Forum 2015	16 - 17 June 2015	Abuja, Nigeria	Nigerian Communications Commission
Commonwealth Human Resources for ICT Forum 2015	6 - 7 July 2015	Maputo, Mozambique	Telecomunicações de Moçambique
Commonwealth Telecommunications Organisation Forum 2015	14 - 16 September 2015	Nairobi, Kenya	Communications Aurhority of Kenya

COMMONWEALTH TELECOMMUNICATIONS ORGANISATION FORUM 2015

CONFERENCE - EXHIBITION
14 - 16 SEPTEMBER 2015
NAIROBI, KENYA

TAKING COMMONWEALTH ICT LEADERS TO EAST AFRICA

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