



# BROADBAND CARIBBEAN FORUM 2016

14 - 15 JULY 2016, HYATT REGENCY TRINIDAD, PORT OF SPAIN



ORGANISED BY



COMMONWEALTH  
TELECOMMUNICATIONS  
ORGANISATION

HOSTED BY



## EVENT GUIDE

## BROADBAND: SUPPORTING LIFE IN THE 21st CENTURY

### KEY TOPICS

Improving broadband penetration and infrastructure development

Overcoming regulatory challenges in the single ICT space

Devising and implementing National Broadband plans

Digital inclusion initiatives and innovations

The value of Caribbean data

Creating a digital Caribbean

DIAMOND  
SPONSOR



SUPPORTED  
BY



UNDER THE  
AUSPICES OF



Government of the Republic of Trinidad and Tobago



#CTOBROADBAND

MORE INFORMATION AT [WWW.CTO.INT/EVENTS/UPCOMING-EVENTS/BROADBAND-CARIBBEAN-FORUM-2016/](http://WWW.CTO.INT/EVENTS/UPCOMING-EVENTS/BROADBAND-CARIBBEAN-FORUM-2016/)



# BROADBAND CARIBBEANFORUM2016

14 - 15 JULY 2016, PORT OF SPAIN

## DAY ONE 14 JULY 2016

### OPENING CEREMONY

09:00 - 10:10

09:00 **National Anthem**

09:05 **Welcome address**

**Gilbert Peterson S.C.**, Chairman of the Board, Telecommunications Authority of Trinidad and Tobago

09:15 **Affordable access: Closing the digital divide**

**Kevin Connolly**, Affordable Access Initiatives, Business Development, Microsoft

09:25 **Goodwill message**

**Nigel Cassimire**, Acting Secretary-General, CTU

09:30 **Goodwill message: ITU - Broadband for development**

**Cleveland Thomas**, ITU Area Representative, Caribbean Office

09:35 **Goodwill message**

**Ambassador Irwin LaRocque**, Secretary-General, Caribbean Community

09:40 **Welcome address**

**Shola Taylor**, Secretary-General, CTO

09:50 **Broadband and the stakes at play in the Caribbean region**

**Honourable Gregory Bowen**, Minister of Communications, Works, Physical Development, Public Utilities and ICT on behalf of **Dr the Right Honourable Keith C. Mitchell**, Prime Minister of Grenada

10:00 **Keynote address: A vision for broadband in the Caribbean and the Single ICT space**

**The Honourable Darcy Boyce**, Minister in the Office of the Prime Minister with responsibility for Energy, Telecommunications, Immigration and Invest Barbados and President, CTU

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

### BROADBAND IN THE CARIBBEAN: CHALLENGES & OPPORTUNITIES

10:40-11:50

Chair: **The Honourable Darcy Boyce**, Minister in the Office of the Prime Minister with responsibility for Energy, Telecommunications, Immigration and Invest Barbados and President, CTU

10:40 **Broadband - The foundation for 21st century Caribbean developments**  
**Dr Didacus Jules**, Director General, Organization of Eastern Caribbean States, Saint Lucia

10:55 **The socioeconomic impact of broadband**

**Doyle Gallegos**, Lead ICT Policy Specialist, World Bank

11:10 **Interactive panel discussion : Fostering broadband development- Towards a single Caribbean ICT space**

**Doyle Gallegos**, Lead ICT Policy Specialist, World Bank

**Dr Kim Mallalieu**, Deputy Chairman, TATT

**Selby Wilson**, Telecom Strategist, CTU

**Frances Correia**, Country Manager Trinidad and Tobago, Eastern & Southern Caribbean - Latam New Markets (LNM), Microsoft

**Dr Didacus Jules**, Director General, Organisation of Eastern Caribbean States, Saint Lucia

### REGULATORY INITIATIVES

11:50-12:50

Chair: **Selby Wilson**, Telecom Strategist, CTU

11:50 **Defining the role of the regulator in a changing ICT market**

**Nievia Ramsundar**, Corporate Secretary, TATT

12:05 **Broadband strategies and regulation**

**Philip Cross**, Consultant, Techsmart Consulting Inc. & Associate Consultant, CTO

12:20 **Interactive panel discussion: Regulatory mechanisms for fostering broadband development in the Caribbean single ICT space**

**Nievia Ramsundar**, Corporate Secretary, TATT

**Cheryl Hector**, Director, Economics and Finance, Eastern Caribbean

Telecommunications Authority

**Philip Cross**, Consultant, Techsmart Consulting Inc. & Associate Consultant, CTO

12:50 **NETWORKING LUNCH**

### STRATEGIC APPROACH TO BROADBAND ROLLOUT

13:50-14:45

Chair: **Cris Anand Seecheran**, ICT Consultant (Policy, Regulation and Technology), Trinidad & Tobago

13:50 **Developing a national broadband strategy for Dominica: A case study**  
**Cleveland Thomas**, ITU Area Representative, Caribbean Office

14:05 **Interactive panel discussion: Developing and implementing national broadband plans**

**Alice Bain**, Caribbean Regional Communications Infrastructure Program Project Coordinator, Ministry of Communication, Works, Physical Development, Public Utilities & ICT, Grenada

**Apollo Knights**, Director, National Telecommunications Regulatory Commission, Ministry of Finance and Economic Planning, St. Vincent and the Grenadine

**Cleveland Thomas**, ITU Area Representative, Caribbean Office

### FINANCING BROADBAND ROLLOUT

14:45-15:55

Chair: **Honourable Gregory Bowen**, Minister of Communications, Works, Physical Development, Public Utilities and ICT, Grenada

14:45 **Funding mechanisms for promoting the deployment of broadband**  
**Doyle Gallegos**, Lead ICT Policy Specialist, World Bank

15:00 **Financing broadband roll-out through the removal of fraud & Universal Service Charge**

**Graham Butler**, Chairman, Bitek Group of Companies, UK

15:15 **Interactive panel discussion: Should over-the-top players contribute to the cost of broadband rollout?**

**Andre Griffith**, Assistant Director, Caribbean Centre for Development Administration, Barbados

**Ian Lenathen**, Business Development Manager, Service Provider Infrastructure, CCS Group Ltd, Bermuda

**Melesia Sutherland**, Director, CANTO

**Shernon Osepa**, Manager, Regional Affairs, Latin America & The Caribbean Bureau, Internet Society, USA

**Doyle Gallegos**, Lead ICT Policy Specialist, World Bank

**Graham Butler**, Chairman, Bitek Group of Companies, UK

15:55 **AFTERNOON REFRESHMENTS**

### MAXIMISING SPECTRUM UTILISATION

16:25-17:20

Chair: **Shola Taylor**, Secretary-General, CTO

16:25 **Utilising the digital dividend to provide data services across the Caribbean**  
**Kirk Sookram**, Executive Officer – Technical Services & Development, Telecommunications Authority of Trinidad and Tobago

16:40 **Interactive panel discussion: How are regulators helping to harmonise spectrum planning across the region?**

**Kirk Sookram**, Executive Officer – Technical Services & Development, TATT

**Nigel Cassimire**, Telecommunications Specialist, CTU

**Reginald Bourne**, Chief Telecommunications Officer, Ministry of Finance, Investment, Telecommunications and Energy, Barbados

**David McBean**, Managing Director, Spectrum Management Authority, Jamaica

19:00 **FORUM DINNER**

Guest of honour: **Honourable Maxie Cuffie MP**, Minister of Public Administration and Communications, Trinidad and Tobago



# BROADBAND CARIBBEAN FORUM 2016

14 - 15 JULY 2016, PORT OF SPAIN

## DAY TWO 15 JULY 2016

### CREATING A DIGITAL CARIBBEAN

09:00-10:00

Chair: **Jennifer Britton**, Deputy Programme Manager, ICT for Development, Caribbean Community (CARICOM) Secretariat, Guyana

09:00 **E-government services-the catalyst for a digital Caribbean**

**Devindra Ramnarine**, Executive Director & Lead, Government and Public Sector, Ernst & Young Caribbean, Trinidad & Tobago

09:15 **Empowering women through technology: Addressing the gender divide in ICTs**

**Kiran Maharaj**, Managing Director, Caribbean Lifestyle Communications Media Network, Trinidad & Tobago

09:30 **Inclusive development: ICTs for people with disabilities**

**Marlon Parieaho**, Police Officer, Trinidad & Tobago Police Service

09:45 **Q&A**

### MORNING REFRESHMENTS

### BROADBAND TECHNOLOGIES

11:00-12:00

Chair: **Dr Spencer Thomas**, Chairman, National Telecommunications Regulatory Commission, Grenada

11:00 **TV White Spaces**

**Kevin Connolly**, Affordable Access Initiatives, Business Development, Microsoft

11:15 **5G for Island States and Developing Countries**

**Vino Vinodrai**, Principal, Vinodrai & Associates Inc., Steering Board Member, Wireless World Research Forum, Canada

11:30 **Interactive panel discussion: Going the last mile - Rolling out next-generation broadband to remote areas**

**Vino Vinodrai**, Principal, Vinodrai & Associates Inc., Steering Board Member, Wireless World Research Forum, Canada

**Jerry Ferguson**, Managing Director, Tide Wind Energy (Trinidad Limited)

**Kevin Connolly**, Affordable Access Initiatives, Business Development, Microsoft

### INTERNET EXCHANGE POINTS

12:00-12:30

12:00 **The Value of Internet Exchange points**

**Bevil Wooding**, Internet Strategist, Packet Clearing House, USA

12:15 **Q&A**

### BIG DATA

12:20-13:20

Chair: **Dr Kim Mallalieu**, Deputy Chairman, Telecommunications Authority of Trinidad & Tobago

12:20 **The value of Caribbean data**

**Anat Lewin**, Senior ICT Policy Specialist, Transport and ICT, World Bank Group

12:35 **Open Data initiatives in Trinidad and Tobago**

**Kiran Maharaj**, Research Scientist, Trinidad and Tobago Network Information Centre

12:50 **Interactive panel discussion: Big data in the Cloud - Trends and future directions**

**Abdullahi O. Abdulkadri**, Coordinator, Statistics and Social Development Unit, Economic Commission for Latin America and the Caribbean, Trinidad & Tobago

**Anat Lewin**, Senior ICT Policy Specialist, Transport and ICT, World Bank Group

**Kiran Maharaj**, Research Scientist, Trinidad and Tobago Network Information Centre

### NETWORKING LUNCH

### APP SHOWCASE: CARIBBEAN CREATIVITY

14:20-15:05

Chair: **Shola Taylor**, Secretary General, CTO

14:20 **App: Stay - A Coping Resource**

**Maria Divina O'Brien**, Founder, STAY A Coping Resource, Trinidad & Tobago

14:30 **App: The Bitt Mobile Wallet**

**Oliver Gale**, Chief Financial Officer and Co-Founder, Bitt, Barbados

14:40 **App: Directory.gy**

**Rowen Willabus**, CEO, Information Systems Architect, IntellectStorm, Guyana

14:50 **Q&A**

### DIGITAL ENTERTAINMENT

15:05-16:05

Chair: **Gerard Best**, Communications Consultant, Trinidad & Tobago

15:05 **The new broadcaster**

**Sonia Gill**, Secretary-General, Caribbean Broadcasting Union, Barbados

15:20 **The role of entertainment as a driver of next-generation broadband services**

**Josanne Leonard**, Director, Miribai Communications, Trinidad & Tobago

15:35 **Interactive panel discussion: How do operators and content providers work together to create excellent consumer experiences**

**Bernard Pantin**, General Manager, DIRECTV Caribbean, Trinidad & Tobago

**Josanne Leonard**, Director, Miribai Communications, Trinidad & Tobago

**Sonia Gill**, Secretary-General, Caribbean Broadcasting Union, Barbados

### AFTERNOON REFRESHMENTS

### BROADBAND AND EDUCATIONAL ACCESS FOR ALL

16:20-17:20

Chair: **Claire Craig**, Senior I.T. Officer, Enterprise Applications Support Manager, The University of the West Indies, Trinidad & Tobago

16:20 **E-education skill development and entrepreneurship**

**Araceli Marchan**, Director, I CAN LEARN Programme, ICLP Centre, Trinidad & Tobago

16:35 **Building digital skills**

**Bevil Wooding**, Internet Strategist, Packet Clearing House, USA

16:50 **Panel discussion: How can policymakers ensure digital education is accessible for all?**

**Araceli Marchan**, Director, I CAN LEARN Programme, ICLP Centre, Trinidad & Tobago

**Rhea Yaw Ching**, Executive Director, Covela Foundation, Trinidad & Tobago

**Bevil Wooding**, Internet Strategist, Packet Clearing House, USA

**Darren Mohammed**, Senior Manager - Small/Mid Market Solutions and Partners, Microsoft, Trinidad & Tobago

### CLOSING CEREMONY

17:20-17:35

17:20 **Closing remarks**

**Cynthia Reddock-Downes**, Chief Executive Officer (Ag), TATT

17:25 **Closing address**

**Nigel Cassimire**, Acting Secretary General, CTU

17:30 **Closing remarks**

**Jennifer Britton**, Deputy Programme Manager, ICT for Development, Caribbean Community (CARICOM) Secretariat, Guyana

17:35 **Vote of thanks**

**Shola Taylor**, Secretary General, CTO

### CLOSE OF FORUM