



# BROADBAND CARIBBEAN FORUM 2016

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



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## 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**

10:30 **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

13:20 **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

16:05 **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

17:40 **CLOSE OF FORUM**