Forum on Internet of Things (IOT): Smarter Living in the Caribbean
Day 1, 24th April 2017: Chair - ITU

Time	Description	Panellists/Presenters
07:30 - 08:30	Registration	
08:30 - 09:15	Opening Remarks + Photo Session	**Presenters:** Bernadette Lewis (CTU) Gilbert Peterson S.C. (TATT) Cleveland Thomas (ITU) Hon. Maxie Cuffie (Trinidad) **MC:** Selby Wilson (CTU)
09:15 - 10:45	Session 1: IoT in the Caribbean: Opportunities and Challenges Caribbean Country Case Studies - IoT Perspectives - 3 countries; 3 sectors for nationwide deployed solutions as a state agency	**Presenters:** Reginald Bourne (Regulatory Authority Barbados) Charlene John (T&TEC) TBD **Moderator:** Nigel Cassimere (CTU)
10:45 - 11:00	Tea Break	
11:05 - 12:30	Session 2: Ecosystem for IoT Use + Monetisation • An Enabling Ecosystem for IoT Use + Monetisation • Public-interest and Private-interest IoT: Caribbean Ventures • Monetizing IoT The realities of IoT Monetization in Small Developing States	**Presenters:** Irwin Williams (Teleios) Jeevan Persad (Fasove) Ancel Bhagwandeen (ProtofabTT) Shelon Padmore (DSL) **Moderator:** Dr. Kieron Swift (Economic Development Advisory Board)
12:30 - 13:30	Lunch Break	
13:30 - 15:00	Session 3: Youth Panel: IoT Solutions for Development • Story of a serial IoT hackathon winner • Networks • Navigating the Ecosystem for IoT Use and Monetisation: a Youth Perspective • Making IoT Smart	**Presenters:** Jeremy Berkleef Stephan Hosein Christian Barran Julie Sundar **Moderator:** Theo Boomsma (Cottage IT)
15:00 - 16:00	Session 4: Seizing the IoT Opportunity • Presentation based on ITU-T Study Group 20 "IoT and its applications in urban and non-urban environments"	**Presenter:** Cleveland Thomas (ITU) Lars Morton (2operate)
16:30 - 18:00	End of formal proceedings	

Forum on Internet of Things (IOT): Smarter Living in the Caribbean
Day 2, 25th April 2017: Chair - UWI

Time	Description	Panellists/Presenters
07:30 - 08:30	Registration	
08:30 - 09:15	Session 5: ITU-R studies in support of IoT Presentation reviewing on-going ITU-R studies on radio communications related aspects for IoT, including Satellite IMT, Terrestrial IMT and non-IMT networks as well as Short Range Devices	**Presenters:** Sergio Buonomo (ITU) Nelson Malaguti (ITU) Philippe Aubineau (ITU) **Moderator:** Cleveland Thomas (ITU)
09:15 - 10:45	Session 6: "Spectrum Management Issues for Caribbean IoT Deployment" Regional situation update with perspectives provided by representatives of regulators/stakeholders from regional groups, as appropriate, concerning current spectrum management issues for IoT in the Caribbean with specific reference to Satellite, IMT and Short Range.	**Panellists:** Kirk Sookram (TATT) Andrew Millet (ECTEL) Clifford Bostic (Telecommunications Unit, Barbados) **Moderator:** Nigel Cassimere (CTU**)**
10:45 - 11:00	Tea Break	
11:00 - 12:30	Session 7: Standards Perspective: Big Data and IoT -- promoting interoperability via Open Standards, and Semantic Discuss standardization trends with regard to Big data and IoT ecosystem. It will also provide an opportunity to exchange views on the potential role of open standards, and semantic technologies.	**Panellists:** Dr. Rob Frieden (Penn State University) Ajmal Nazir (TTMAG) Keith Alexiss (ICCN) **Moderator:** Sean Rocke (UWI)
12:30 - 13:30	Lunch Break - FUJITSU LunchTime present to audience	
13:30 - 15:00	Session 8: IoT Security + Privacy: policy, legislation, regulation and infrastructure The main presenter will introduce to the audience the ITU's work in the area of Security and Privacy as pertains to IoT. The relevant Caribbean context will be uncovered via moderated discussion with the other panellists	**Panellists:** Bruno Ramos (ITU) Vashti Maharaj (Attorney General Office, Trinidad) Julian Wilkins (CANTO) **Moderator:** Shiva Bissessar (Pinaka)
15:00 - 16:30	Session 9: IoT Privacy and Information Security: Caribbean requirements and challenges The main presenter will provide an overview of IoT Security and Privacy concerns from a technical perspective. The relevant Caribbean context will be uncovered via moderated discussion with the other panellists.	**Panellists:** Dr. Kevin Butler (University of Florida) Hon. Catherine Hughes (Guyana) Shiva Bissessar (Pinaka) **Moderator:** Selby Wilson (CTU)
16:30	End of formal proceedings	

26th April - ITU Workshop on Caribbean IoT Implementation Issues
Day 3: Chair - CTU

Time	Description	Panellists/Presenters
07:30 - 08:30	Registration	
08:30 - 09:35	Session 10: "Measuring IoT Usage + Projecting IoT Impact on Development" Presentation reviewing benchmarks and methods for monitoring IoT usage and impact based on ITU-D studies on IOT for developing countries e.g.	**Panellists:** Dr. Steve Chan (MIT) Stephan Samuell (CSO) Eduardo Arcas (Ericsson) **Moderator:** Karel Douglas (TATT)
09:35 - 10:45	Session 11: "Benchmarking Caribbean IoT Usage and Impact" Session provides a platform to discuss the opportunities and challenges faced by policy makers and regulators during the adoption of a widespread IoT ecosystem. It also discusses, strategies in use by collection agencies + resources required for relevant data collection and measurement	**Panellists:** Bernadette Lewis (CTU) Cheryl Hector (ECTEL) Tracy Hackshaw (ISOC) **Moderator:** Karel Douglas (TATT)
10:45 - 11:00	Tea Break	
11:00 - 12:30	Hands-on Session 12: IoT Implementation Tools: Open Source, Open Data, Cloud Computing, and Semantic Technologies Walk-through of a typical set of tools for rapid assembly of an IoT application, with reference to an existing Caribbean IoT application/need.	**Instructor:** Cathy-Ann Radix (UWI)
12:30 - 13:30	Lunch Break: Case Study- IoT in Suriname; Daryll Medar (TAS)	
13:30 - 14:00	Session 13: IoT Scenarios/Issues Demos of IoT applications at different stations highlighting cross-cutting IoT issues	**Presenters:** Kevin Butler (University of Florida) Theo Boomsma/Julie Sundar (Cottage IT) Christian Barran Chris Meetoo **Moderator:** Dr. Kim Mallalieu (UWI)
14:00 - 15:30	Panel Session 14: IoT Convergence, Conformance, Interoperability in Caribbean Session will highlight how to get projects and initiatives off the ground and provide perspectives on issues related to extending an IoT product to operate in multiple Caribbean territories specifically convergence, conformance and interoperability.	**Panellists:** Eric Pearson (GlobeRanger; Fujitsu) Michele Marius (ICT Pulse) Fulgence St. Prix (CROSQ) **Moderator:** Sylvester Caddette (ITU)
15:30 - 16:30	Wrap-Up / Brainstorming / Next Steps 1. Recommended Stakeholder Actions (by Stakeholder group) for presentation at the ITU, CARICOM, and stakeholder and application-related organisations 2. List of Priority sectors in which IoT strategic targets could/should be established.	**Panellists** Dr. Kim Mallalieu (UWI) Hon. Melford Nicholas (Antigua and Barbuda) Bernadette Lewis (CTU) **Moderator:** Cleveland Thomas (ITU)