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Forum on Internet of Things (IOT): Smarter Living in the Caribbean

EVENT

TOPIC(S)

Information and communications technologies (ICTs)

TEASER

The forum on "IOT" seeks to highlight the significance of IOT as a technological revolution that represents the future of computing and communications, and its development being dependent on dynamic technical innovation.

Event information

SUBREGIONAL HEADQUARTER(S) AND OFFICE(S)

Subregional Headquarters, Port of Spain

ATTACHMENT(S)

DATE
24 April 2017, 5am - 26
April 2017, 2am

EVENT TYPE
Meetings and technical
symposiums

PARTICIPATION
By registration

Register your interest here!

IOT involves the interlinking of networks, devices and data that
have thus far never been linked. It is the collective power of
these formerly disparate elements that lies at the heart of the
power of IOT and integrated dynamic ICT ecosystems that can
benefit both developed and developing economies.

The primary objective of the IOT Forum is to :

- Discuss the role IOT plays in relation to converging
  technologies for building smart sustainable communities
  with integrated ecosystems.

- Discuss IOT and development challenges and the paradigm
  shift in creating a smart world that facilitates sustainable
  economic development along with a high quality of life.

- Bring together:

- stakeholders, managers and engineers working with IOT
  applications (innovators)
- service providers planning on delivering IOT solutions, and
  their financiers (business community)
- policy and standards creators/enforcers for IOT

deployment (policymakers, regulators)

- other IOT experts from industry, government and academia (legislators)

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)
	Session 1: IoT in the Caribbean:	Presenters: Reginald Bourne (Regulatory Authority

Organizing institution

🌐 **ECLAC Subregional Headquarters for the Caribbean**

Opportunities and Challenges

Barbados)

http://www.cepal.org/en/
headquarters-and-
offices/eclac-caribbean

| 09:15 - 10:45 | Caribbean Country Case Studies - IoT Perspectives - 3 countries; 3 sectors for nationwide deployed solutions as a state agency |

[Presentation]

Charlene John (T&TEC)

[Presentation]

(868)224-8000

Visit website

Moderator: Nigel Cassimere (CTU)

International Telecommunication Union

http://www.itu.int/en/Pag es/default.aspx

| 10:45 - 11:00 | Tea Break |

Presenters:

+1 246 431-0343/0344

Visit website

Irwin Williams (Teleios)

Telecommunications Authority of Trinidad and Tobago

Session 2: Ecosystem for IoT Use + Monetisation

[Presentation]

Jeevan Persad (Fasove)

https://tatt.org.tt/Home.a spx

- An Enabling Ecosystem for IoT Use + Monetisation

[Presentation]

| 11:05 - 12:30 | - Public-interest and Private-interest IoT: Caribbean Ventures |

Ancel Bhagwandeen (ProtofabTT)

(868) 675 8288

Visit website

- Monetizing IoT

[Presentation]

Contact

The realities of IoT Monetization in Small Developing States

Shelon Padmore (DSL)

Moderator: Dr. Kieron Swift

(Economic Development Advisory Board)

12:30 - 13:30	Lunch Break

Session 3: Youth Panel: IoT Solutions for Development

13:30 - 15:00	• 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

[Presentation]

Julie Sundar

Moderator: Theo Boomsma (Cottage IT)

Presenter:

Session 4: Seizing the IoT Opportunity

ECLAC Caribbean - ICT4Development

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| 15:00 - 16:00 | • Presentation based on ITU-T Study Group 20 "IoT and its applications in urban and non-urban environments" | Cleveland Thomas (ITU) Lars Morton (2operate) |

| 16:30 - 18:00 | End of formal proceedings | |

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) Panellists:

	Session 6: "Spectrum Management Issues for Caribbean IoT Deployment"	Kirk Sookram (TATT) [Presentation]
09:15 - 10:45	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.	Andrew Millet (ECTEL) [Presentation] Clifford Bostic (Telecommunications Unit, Barbados) [Presentation] 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	Panellists: Dr. Rob Frieden (Penn State University) [Presentation] Ajmal Nazir (TTMAG) [Presentation]

	opportunity to exchange views on the potential role of open standards, and semantic technologies.	Keith Alexiss (ICCN) [Presentation] Moderator: Sean Rocke (UWI)
12:30 - 13:30	Lunch Break - FUJITSU LunchTime present to audience	Eric Pearson [Presentation]
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	Session 9: IoT Privacy and Information Security: Caribbean requirements and challenges 20. main presenter will provide an	Panellists: Dr. Kevin Butler (University of Florida) Hon. Catherine

- 16:30	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.	Hughes (Guyana) Shiva Bissessar (Pinaka) Moderator: Selby Wilson (CTU)
16:30	End of formal proceedings	

Day 3, 26th April: 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) [Presentation] Eduardo Arcas (Ericsson) Moderator: Karel Douglas (TATT)
	Session 11: "Benchmarking	Panellists: Bernadette Lewis

	Caribbean IoT Usage and Impact"	(CTU)
		[Presentation]
09:35 - 10:45	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	Cheryl Hector (ECTEL) [Presentation] 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) [Presentation]
12:30 - 13:30	Lunch Break: Case Study- IoT in Suriname; Daryll Medar (TAS)	Daryll Medar [Presentation]

		Presenters:
		Kevin Butler (University of Florida)
	Session 13: IoT Scenarios/Issues	[Presentation]
13:30 - 14:00	Demos of IoT applications at different stations highlighting cross-cutting IoT issues	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	Panellists:
		Eric Pearson (GlobeRanger; Fujitsu)
	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.	Michele Marius (ICT Pulse) [Presentation]
		Fulgence St. Prix (CROSQ)
		Moderator: Sylvester Caddette (ITU)
	Wrap-Up / Brainstorming / Next	Panellists

Steps		Dr. Kim Mallalieu (UWI)
15:30 - 16:30	1. Recommended Stakeholder Actions (by Stakeholder group) for presentation at the ITU, CARICOM, and stakeholder and application-related organisations	Hon. Melford Nicholas (Antigua and Barbuda) Bernadette Lewis (CTU)
	2. List of Priority sectors in which IoT strategic targets could/should be established.	Moderator: Cleveland Thomas (ITU)

Who we are

ECLAC Subregional Headquarter

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About ECLAC

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Office of the Executive Secretary

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History of ECLAC

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https://www.cepal.org/en/events/forum-internet-things-iot-smarter-living-caribbean   Page 14 of 14