

School of Digital Transformation and Innovation in the Caribbean

2024 12-15 August
Port of Spain,
Trinidad and Tobago



TIME	ACTIVITY	SPEAKER	SPEAKERS
DAY ONE - TECHNICAL COMMUNITY			
OPENING CEREMONY			
9:00	Introduction and Housekeeping Announcements		
9:05	Opening Remarks		Mr. Rodney Taylor Secretary-General, CTU
9:10	Welcome Remarks		ECLAC CAF UWI Cetic.br NIC.br and Technical Community
9:25	Workshop Group Photo		
9:30	Introduction to the Internet Ecosystem and How the Internet works: Actors and Processes Involved in Everyday Internet Access		
	This pillar will spotlight different facets of the Internet ecosystem and its actors, presenting a tiered view encompassing infrastructure providers, the standards and protocols facilitating Internet access, and content and applications. It will explore the intricate interplay between technical and policy considerations, delving into the responsibilities of various actors to guarantee meaningful connectivity for end-users.		Moderator - Kevon Swift, LACNIC Facilitators <ul style="list-style-type: none"> • Christian O’Flaherty, ISOC • Albert Daniels, ICANN • Rocío De La Fuente, LACTLD • Luis Cadenas, Red Clara
10:30	WORKING COFFEE BREAK		
11:00	Introduction to the Internet Ecosystem and How the Internet works: Actors, Processes and Emerging Trends. (cont’d.)		
	As this session continues, it will address emerging issues related to technical Internet coordination.		Moderator - Kevon Swift, LACNIC Facilitators: <ul style="list-style-type: none"> • Christian O’Flaherty, ISOC • Albert Daniels, ICANN • Rocío De La Fuente, LACTLD
12:30	LUNCH BREAK		



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13:30	How do we connect the unconnected and create a resilient Internet? Policy and regulatory perspectives	
	<p>Furthering Internet penetration in the Caribbean and ensuring that the Internet remains resilient are some of the main challenges we must overcome. The objective of this session is to address the current challenges to connect the unconnected in the Caribbean, and to transcend the traditional focus on Internet infrastructure and resources by examining innovative models for closing the gap such as community networks. The session will also explore practical considerations to make the Internet resilient, which is particularly critical in times of disasters. During the session, the concept of universal connectivity and Internet resilience will be analysed, and the role of Internet resilience in disaster recovery will be examined through real-life cases.</p>	<p>Moderator/Facilitator – Christian O’Flaherty, ISOC</p> <p>Facilitators:</p> <ul style="list-style-type: none"> • Annie Baldeo, TATT • Sidney De Weever, BTP • Bevil Wooding, ARIN
15:15	COFFEE BREAK	
15:45	Multistakeholder Negotiation in Practice - Unpacking The ‘Fairshare’ Debate	
	<p>What is the multistakeholder model? How can we apply it in our countries? Unlike traditional forms of centralised and exclusively governmental governance, the multistakeholder approach is presented as the most viable option to address the current challenges of the Internet. This approach promotes the concept of "rough consensus", which has been shown to offer better results in solving such problems than any other alternative. For this session, there will be a simulation of a multistakeholder negotiation on the topic of “fairshare” in the Caribbean. A chronological review of fairshare debates around the world will be done, and then a multistakeholder role-playing exercise will ensue with the goal of defining a workable solution for equitable and sustainable Internet development that considers all interests.</p>	<p>Moderators –</p> <ul style="list-style-type: none"> • Kevon Swift, LACNIC • Christian O’Flaherty, ISOC
17:00	END	



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TIME	ACTIVITY	SPEAKERS
DAY 2 - The University of the West Indies with support from CETIC.BR		
Transitioning to a Data-driven Economy: Governance and Regulatory Implications		
9:00	Driving the Digital Economy: Effective Data Use and Governance	
	<p>In an era where data holds unprecedented value, this session responds to the need for deep understanding of the purpose, function and power of data, and the challenges of regulating data flows, to empower the digital economy.</p> <p>The session shows how exploiting data not only shapes novel industrial and business models but also ushers in a new economic paradigm where emerging markets and intermediaries harness and learn from data itself. It recognises that effective data governance is pivotal, steering investments in digital infrastructure and technologies, while also furnishing precise insights into the efficiency of both business and government services. The session discusses the role of regulation in striking a fair balance between innovative service delivery and safeguarding the rights of end-users, who are the primary generators of data.</p>	<p>Moderator: Kim Mallalieu</p> <p>Facilitators:</p> <ul style="list-style-type: none"> • Maurice Mc Naughton • Ana Laura Martinez (Cetic.br NIC.br) • Gunjan Mansingh
9:30	Practical and Potent: Unleashing the Power of Data with AI and Other Analytics in the Caribbean	
	<p>This session demonstrates the transformative power of data with AI and other analytics to drive innovation and address pressing challenges in the Caribbean. It underscores the need to develop Caribbean talent to apply data science to solve local and regional problems; provides several examples of how such talent has already developed potent data science solutions across multiple sectors in the region to optimise processes, improve decision-making, unlock new opportunities, and more. These examples illustrate not only the potential of indigenous talent but also the tangible benefits of leveraging homegrown innovation to drive growth and competitiveness in local industries. Existing and</p>	<p>Moderator: Kim Mallalieu</p> <p>Facilitators:</p> <ul style="list-style-type: none"> • Patrick Hosein • Craig Ramlal • Gunjan Mansingh



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	<p>potential opportunities for data science capacity building are identified.</p> <p>The session will close with a discussion on the risks associated with AI; a review of global developments on the governing of AI for humanity; and the impact of AI on the Latin American and Caribbean region, with recommendations emerging from broad stakeholder consultations.</p>	
10:30	COFFEE BREAK	
	Data as a Digital Public Good	
11:00	<p>This session demonstrates the critical role of data in empowering emerging Digital Public Infrastructures (DPIs): identity, payments and data eXchange. It considers the benchmarking of the Caribbean’s data ecosystems through the lens of governance, capacity and open data availability and use. It reflects on the Caribbean findings in the 2022 Edition of The Global Data Barometer (GDB).</p>	<p>Moderator: Kim Mallalieu</p> <p>Facilitators:</p> <ul style="list-style-type: none"> • Maurice Mc Naughton • Gunjan Mansingh
11:45	Balancing Data Risks and Opportunities	
	<p>This session describes how to navigate the data value chain through purposeful data governance and regulatory mechanisms including those that treat with access to information, open data, data protection and privacy.</p>	<p>Moderator: Kim Mallalieu</p> <p>Facilitators:</p> <ul style="list-style-type: none"> • Maurice Mc Naughton • Gunjan Mansingh
12:30	LUNCH BREAK	



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Safe, inclusive and meaningful digital transformation for all: governance and regulatory Implications		
13:30	Understanding and Mitigating Risks in Digital Public Infrastructure	
	<p>This session demonstrates that Digital public infrastructure (DPI) is increasingly important to the transformation of public services, their delivery and reach. It cautions that, like traditional public infrastructure, its design and implementation call for standards, guidelines and safeguards to ensure safety and inclusivity.</p> <p>The session presents the DPI lifecycle and classifies risks to safety and inclusion associated with each of its stages. It identifies key mitigation strategies that fall to various DPI actors; and outlines the current global initiative to develop Universal Safeguards for DPI.</p> <p>In a case study activity, DPI actor teams explore their respective roles in different lifecycle stages. Group lightning presentations reveal perspectives on critical dimensions of safeguards and actor interdependencies, as well as design and implementation challenges and opportunities in the Caribbean context. Key takeaways are shared.</p>	<p>Moderator:</p> <p>Maurice Mc Naughton</p> <p>Facilitators:</p> <ul style="list-style-type: none"> Matthew Mc Naughton Kim Mallalieu
15:15	COFFEE BREAK	
15:45	Unpacking Meaningful Connectivity in the Caribbean Context	
	<p>This session issues a reminder that an inclusive digital society, where everyone, everywhere can harness the power of digital technology and services for social advancement and economic growth, remains an overarching goal of digital transformation.</p>	<p>Moderator:</p> <p>Maurice Mc Naughton</p> <p>Facilitators:</p>



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	<p>The session recognises that meaningful connectivity is a necessary though not sufficient requirement for digital transformation to deliver on its promise. It defines meaningful connectivity, considers existing methodologies to measure it; and promotes its general methodological harmonisation, utilising a mix of standardised and context-appropriate measures. It analyses example use cases of Caribbean digital gaps and recommends mitigation and response strategies to achieve meaningful connectivity to enable all to benefit from the promise of safe and inclusive digital transformation.</p>	<p>Kim Mallalieu</p> <ul style="list-style-type: none"> • Ana Laura Martinez (Cetic.br NIC.br) • Christian O’Flaherty (ISOC) • Luis Cadenas (Red CLARA) • Edwin Fernando Rojas Mejia (CEPAL) • Franziska Seiffarth (GIZ)
17:00	END	



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TIME	ACTIVITY	SPEAKERS
DAY 3 - UN ECLAC with support from CAF		
	Aligning Digitalisation and Productivity Goals: Review of Practical ICT Applications.	
9:00-10:45	A paradox emerges as digital technologies promise substantial economic enhancement but fall short in translating digitalisation gains into significant productivity growth in specific regions. The aftermath of the global financial crisis, reduced business dynamism, and underperformance of low-productivity firms contribute to this decline. OECD research underscores shortcomings in crucial complementary factors and policies, highlighting the intricate interplay between different technologies, firms' capabilities, and supportive policies. Shortfalls in these factors impede widespread digital technology adoption, disproportionately favouring firms with advanced technical, managerial, and organisational skills, thus exacerbating existing productivity disparities. This pillar will delve into practical examples of digitalisation initiatives that have successfully driven productivity growth.	Moderator: Demetris Herakleous, (ECLAC) <ul style="list-style-type: none"> • Néstor Ayala (Independent Consultant) • Marco Llinas (ECLAC) • Rep from Tecnalia
10:45-11:00	COFFEE BREAK	
11:00-12:30	Security and data governance	
	Escalating cyber threats pose a growing challenge to the digital transformation and sustainable economic development of nations, particularly impacting safety, prosperity, and resilience in developing regions like the Caribbean. Many Caribbean SIDS lack the essential capabilities, resources, skills, and institutional frameworks to manage cyber threats effectively. The current financing model for cybersecurity activities is problematic, as some countries rely on a 'residual model' from IT budgets instead of a continuous and seamlessly integrated investment within national budgets. Additionally, the global shortage of cybersecurity professionals, projected to reach over 3.5 million unfilled jobs by 2025, hinders the attraction and retention of skilled personnel in the public sector. To address these challenges, integrating cyber resilience into the development agenda is essential, emphasising the	Moderator: TBD Facilitators: <ul style="list-style-type: none"> • Paola Perez Cybersecurity Expert • Shernon Osepa CTU Consultant



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	need for enhanced collaboration between the cybersecurity and development sectors to achieve more effective, sustainable, and resilient outcomes against evolving cyber threats.	
12:30	LUNCH	
13:30-15:30	Examining the Global Digital Economy and Sustainable Digital Finance	
	The profound impact of digital technologies on global economies opens fresh avenues for Caribbean SIDS to bypass outdated infrastructures, draw insights from others' experiences, and tap into emerging markets. Digital advancements break down traditional barriers for entrepreneurs and Micro, Small, and Medium Enterprises (MSMEs), enabling them to establish a multinational or internationally competitive presence from the outset. This transformative potential, however, necessitates robust governance to ensure effectiveness. Furthermore, digital finance emerges as a key catalyst for positive growth, development, and financial inclusion, especially in underserved and unbanked communities of developing nations. Guaranteeing the sustainability of the financial sector amid its digital evolution is paramount to addressing the financial needs of diverse populations.	
15:30-17:00	Measuring Digital Transformation and Summary of Topics	



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DAY 4		
09:00-10:00	General Evaluation and Distribution of Certificates	ECLAC CAF UWI Cetic.br NIC.br and Technical Community
CLOSING CEREMONY		
10:00-10:15	Closing Remarks	Mr Rodney Taylor Secretary-General, CTU ECLAC CAF UWI Cetic.br NIC.br and Technical Community
10:15-11:00	BRUNCH	
	Workshop & On-site Visit - Government of the Republic of Trinidad and Tobago's (GoRTT) Developers' Hub and Data Centre initiatives	
11:00-14:00	Space aimed at presenting the kick-off of the route (schedule) of the studies developed with the support of CAF, under the consultancy of Deloitte Spain, highlighting the relevance that the representation of different actors in the country has for the Caribbean region, among which stand out, governments and their institutions, content or software developers, among others. It is expected to have the exchange of ideas or suggestions that contribute to strengthening the project.	
END OF SCHOOL		

