

DAY 1 - Wednesday October 13

8:30 - 10:45	10:45-11:00	11:00 - 1:00pm	1:00-2:00	2:00-4:00pm	4 - 4:30	4:30-6:30pm
08:30 Welcome - Benoit Pelletier 08:35 Opening Remarks - Luc Sirois, General Chair 08:50 - Technical Program - Fabrice Labeau Plenary Keynotes: 09:00 Keynote 1 - Shen Jia, OPPO 09:30 Keynote 2 - Kaniz Mahdi, VMware 09:55 Keynote 3 - Vincent Poor, Princeton 10:20 Keynote 4 - Javan Erfanian, Bell Canada	Coffee Break	The Path to 6G (Panel FP-8)	Lunch	AI/ML driven 5G & beyond technology (Panel FP-9)	Coffee Break	Existing and Emerging 5G Millimeter-Wave Radiation Technologies (Panel FP-4)
		Worldwide 5G Industry Fora Session		Worldwide 5G Industry Fora Session		Worldwide 5G Industry Fora Session
		SLICES-RI (Vertical Track TV-2)		SLICES-RI (Vertical Track TV-2)		Workshop WS1:
		Optical Wireless Communication (OWC) (Vertical Track TV-3)		Optical Wireless Communication (OWC) (Vertical Track TV-3)		Workshop WS2:
		5G ecosystem towards smarter and sustainable agriculture: opportunities and challenges (Vertical Track TV-7)		5G ecosystem towards smarter and sustainable agriculture: opportunities and challenges (Vertical Track TV-7)		Security challenges in military applications of 5G technology (Panel FP5)
		INGR Panel: Millimeter Wave and Massive MIMO - Deployment Challenges and New Trends (IP-1)		INGR Panel: Connecting the Unconnected and Satellite Networking Trends and Challenges (IP-2)		INGR Panel: Testbeds bridging the gap between Optical and radio hardware and applications (IP-3)
		5G for Connected & Automated Mobility (CAM) Vertical Summit (Vertical Track TV-4)		5G for Connected & Automated Mobility (CAM) Vertical Summit (Vertical Track TV-4)		5G for Connected & Automated Mobility (CAM) Vertical Summit (Vertical Track TV-4)
		Tutorial: Shaping Future 6G Core Networks - Technology Evolution trends from 5G to 6G (TUT-11)		Technical Track: 5G Technologies I		Technical Track: 5G Hardware and Test / Measurements I
		IPv6-based 5G, IoT, CC Industry Forum (Industry Panel FP-1)		IPv6-based 5G, IoT, CC Industry Forum (Industry Panel FP-1)		Systems Optimization for 5G and Beyond (Topical Track TV-13)
		Tutorial: 5G Network Performance: Key Considerations & Open Challenges (TUT-1)		Tutorial: Authentication and Key Agreements in 2G, 3G, 4G, and 5G (TUT-2)		Tutorial: Homomorphic encryption over 5g networks (TUT-3)

Color Code

	Keynote
	Forum or Panel
	Tutorial
	Topical/Vertical
	INGR Panel
	Technical papers
	Workshop
	Exhibition/Demo
	Student/YP

DAY 2 - Thursday October 14

09:00 - 10:40	10:40 --11:00	11:00 - 1:00	1:00-2:00	2:00-4:00	4:00-4h30	4:30-6:30
08:50 Welcome, Day 2 - Hamidreza Sadreazami Plenary Keynotes: 09:00 Keynote 1 - Robert Kahn, CNRI 09:25 Keynote 2 - Peter Vetter, Nokia 09:50 Keynote 3 - Magnus Frodigh, Ericsson 10:15 Keynote 4 - Peiyang Zhu, Huawei	Coffee Break	The Internet is broken: we need The Grid (Internet Evolution) (Panel FP-10)	Coffee Break	Next G Mix Reality (Gaming + Media & Entertainment) (Panel FP-11)	Coffee Break	Cybersecurity - the priority of today & tomorrow (Panel FP-12)
The Next G sustainability & societal challenges (Panel FP13)		Future Networks Security, Privacy and Resilience Track (topical TV-10)		Future Networks Security, Privacy and Resilience Track (topical TV-10)		
6G Vertical Summit (Vertical Track TV-1)		6G Vertical Summit (Vertical Track TV-1)		6G Must be Quantum (Panel FP-15)		
INGR Panel: Deployment, Energy Efficiency, and Applications and Services Comprehensive Plans (IP-4)		INGR Panel: Combining Energy Efficiency and Systems Optimization for Network Sustainability (IP-5)		Workshop WS3:		
Reflecting Intelligent Surfaces for 5G and Beyond 5G (Topical Track TV-6)		Virtual Student Mentorship Program (sponsored by OPPO)		Workshop WS4:		
Panel FP6: RAN disaggregation – where are we heading?		Tutorial: Reconfigurable Intelligent Surfaces for Future Wireless Com (TUT-5)		Tutorial: Voice services in 5G - Deployment options and strategies (TUT-6)		
Entrepreneurship and Innovations Forum (Industry Forum FP-3)		Entrepreneurship and Innovations Forum (Industry Forum FP-3)		Entrepreneurship and Innovations Forum (Industry Forum FP-3)		
Technical Track: 5G Trials, Experimental Results and Deployment Scenarios I		Technical Track: 5G Application and Services		Technical Track: 5G IoT, Security, and Privacy		
5G Smart Cities (Industry Panel FP-2)		5G Smart Cities (Industry Panel FP-2)		Tutorial: Blockchain, IoT and 5G – The Trio to Mitigate Current and Post COVID-19 Challenges (TUT-4)		
IoT applications in Energy Sectors (Vertical Track TV-9)		IoT applications in Energy Sectors (Vertical Track TV-9)				

Color Code

- Keynote
- Forum or Panel
- Tutorial
- Topical/Vertical
- INGR Panel
- Technical papers
- Workshop
- Exhibition/Demo
- Student/YP

DAY 3 - Friday October 15

09:00 - 10:40	10:40-11:00	11:00 - 1:00pm	1:00-2:00	2:00-4:00pm	4 - 4:30	4:30-6:30pm
Plenary Keynotes: 09:00 Keynote 1 - Muriel Medard, MIT 09:25 Keynote 2 - Sylvain Nadeau, EXFO 09:50 Keynote 3 - Juan Montojo, Qualcomm 10:15 Keynote 4 - TBC		Smart-Digital-Green Manufacturing Technology (Panel FP-16)		Int'l 5G Testbeds - 5G Trials, Experimental Results and Deployment Scenarios (Panel FP-17)		Tutorial: Evolution of Direct RF Sampling Technology - Recent Advances, Challenges, and the Road Ahead (TUT-15)
Color Code 	Coffee Break	Healthcare and IoT (Vertical Track TV-8)	Lunch	Tutorial: Achieving Global Connectivity Using Aerial and Space Networks (TUT-9)	Coffee Break	Tutorial: Evolution of NOMA Toward Next Generation Multiple Access (TUT-12)
		Blockchain- Enabling Verticals Summit (Vertical Track TV-5)		Blockchain- Enabling Verticals Summit (Vertical Track TV-5)		Tutorial: R & D in 5G with NetSim (TUT-10)
		Secure end-to-end 5G cloud deployments (Panel FP-7)		Panel FP-18: Industry Deployment		Tutorial: 5G & Beyond: Addressing the Energy Challenge (TUT-14)
		INGR Panel: Standardization update on INGR of FNI (IP-6)		INGR Panel: Edge Services, AI/ML, and Security Networking Trends and Challenges (IP-7)		Tutorial: 5G inclusive Unified Digital Infrastructure Architecture" Imperatives, Rationale, Approach and Challenges (TUT-13)
		Technical Track: 5G Special Verticals and Topicals		Technical Track: 5G Special Verticals and Topicals		
		Workshop WS5:		Workshop WS5:		
		Tutorial: Private 5G Deployment to Mitigate COVID-19 Challenges - Strategies & Use-Cases (TUT-7)		Tutorial: 6G Security and Privacy Vision Towards Reality (TUT-8)		The Role of Frugal Technologies in Rural Connectivity (Topical track TV-12)
		Dialogues between 5G/B5G and Vertical Domains: AI for Intelligent Services (Vertical track TV-11)		Dialogues between 5G/B5G and Vertical Domains: AI for Intelligent Services (Vertical track TV-11)		Dialogues between 5G/B5G and Vertical Domains: AI for Intelligent Services (Vertical track TV-11)
		Exhibition/Industry Demonstration		Exhibition/Industry Demonstration		