IEEE Future Networks™ WORLD FORUM • 2023 | 13-15 NOVEMBER 2023 BALTIMORE, USA

DAY 1 - Monday November 13

Registration and Breakfast							
7:30-8:30							

8:30 - 10:30 Holiday 4&5	10:30-11:00	11:00 - 12:30	12:30-14:00	14:00 - 15:30	15:30-16:00	16:00 - 17:30		17:30-19:00
8:30 Welcome & opening remarks	Coffee Break+ Expo+ Poster Sessions (Holiday 6)	**SESSIONS**	Lunch (Holiday 4 & 5)	**SESSIONS**	Coffee Break+ Expo+ Poster Sessions (Holiday 6)	**SESSIONS**	**ROOM**	Welcome Reception (Holiday 6)
8:35 General Chair		TV02: NETWORK FOOTPRINT OF MEDICAL DEVICES IN FUTURE HEALTH DATA SPACES		TV01a: WI-FI NETWORKS FOR THE FUTURE		TV01b: WI-FI NETWORKS FOR THE FUTURE	Holiday 1	
8:45 TPC remarks		INGR01: IEEE International Network Generations Roadmap		INGR02: IEEE International Network Generations Roadmap		INGR03: IEEE International Network Generations Roadmap	Holiday 2	
8:50 Saifur Rahman		WIEa: KEYNOTE AND PANEL DISCUSSION "ROLE OF OPEN SOURCE FOR 6G"		TUT12: SUPERVISED LEARNING VS. REINFORCEMENT LEARNING: A COMPARATIVE ANALYSIS FOR DESIGNING INTELLIGENT FUTUREG NETWORKS		WS02: WORKSHOP ON CURRENT TRENDS AND EMERGING TECHNOLOGIES IN PUBLIC SAFETY AND SECURITY	Holiday 3	
9:15 Merouane Debbah		TUT1: Redefining the concept of HW based on Micro/Nano devices, looking at 6G and Future Networks		TUT2: The Art of Standardizations in Communications and Networking: similarities, differences, and intricacies		TUT3: Reconfigurable Intelligent Surfaces for Communications and Radars	Peale A	
9:40 Dawn Manga		IFP01: IPV6-BASED 5G, IOT, CLOUD COMPUTING AND BLOCKCHAIN		TV3a: FULL STACK AUTOMATION IN 5G & BEYOND (5GB) NETWORKS		TV3b: FULL STACK AUTOMATION IN 5G & BEYOND (5GB) NETWORKS	Peale B	
10:05 Thyagarajan Nandagopal		S11/TP10: SYMPOSIUM ON QUANTUM COMPUTING AND COMMUNICATIONS IN FUTURE NETWORKS + Technical Papers		S02b: SYMPOSIUM ON AI/ML-DRIVEN COMMUNICATIONS IN FUTURE NETWORKS		S14: SYMPOSIUM ON SPECTRUM MANAGEMENT IN FUTURE NETWORKS	Peale C	
		TP01: Technical Papers		TP02: Technical Papers		TP03: Technical Papers	Johnson A	
		ITS01: The Future of Intelligent Vehicles		ITS03: The Future of Intelligent Vehicles		ITS03: The Future of Intelligent Vehicles	Johnson B	
		S15/TP11: SYMPOSIUM ON SYSTEM OPTIMIZATION IN FUTURE NETWORKS + Technical Papers		TV4: A TRANSDISCIPLINARY STRATEGIC APPROACH TO IMPLEMENTING HOSPITAL-AT-HOME EFFECTIVELY		S10a: SYMPOSIUM ON NON-TERRESTRIAL COMMUNICATIONS IN FUTURE NETWORKS	Latrobe	
		PYT1: Python Training		STUDENT LEADERSHIP TECH TRACK 1		STUDENT LEADERSHIP TECH TRACK 2	Ruth	

DAY 2 - Tuesday November 14

Registration and Breakfast							
7:30-8:30							

8:30 - 10:30 Holiday 4&5	10:30-11:00	11:00 - 12:30	12:30-14:00	14:00 - 15:30	15:30-16:00	16:00 - 17:30		17:30-18:30	18:30-19:00	19:00-21:00
Keynotes	Coffee Break+ Expo+ Poster Sessions (Holiday 6)	**SESSIONS**	Lunch (Holiday 4 & 5)	**SESSIONS**	Coffee Break+ Expo+ Poster Sessions (Holiday 6)	**SESSIONS**	**Room**	Student Leadership & Young Professionals (YP) session and micro-mentoring (Room: Ruth)	Student Leadership & Young Professionals (YP) Networking Reception (Holiday 4 & 5)	Conference Banquet - plated dinner (Holiday 4 & 5) Keynote Kathleen A. Kramer
8:45 Welcome		TV7: FUTURE NETWORKS SECURITY, PRIVACY, AND RESILIENCE IN OPEN RAN		IPF03: OPERATOR SECURITY PANEL: EVOLVING 5G TO A ZERO TRUST ARCHITECTURE		TV5: ADVANCING OPEN-RAN: RESEARCH, STANDARDS, AND DEPLOYMENT	Holiday 1			
8:50 Thomas Rondeau		INGR04: IEEE International Network Generations Roadmap		TUT4: Physical and Virtual world - Bridging the gap in 6G		INGR05: IEEE International Network Generations Roadmap	Holiday 2			
9:15 Nada Golmie		WIEb: WIE Pecha Kucha Talks and Keynote: Programmable and Sustainable networks of the future, Privacy with Security		S12a: SYMPOSIUM ON SECURITY IN FUTURE NETWORKS		S12b: SYMPOSIUM ON SECURITY IN FUTURE NETWORKS	Holiday 3			
9:40 Khaled Letaief		TUT14: 5G NTN TAKE'S FLIGHT: 5G NON-TERRESTRIAL NETWORKS EVOLVING TOWARDS 6G		TUT6: Organic 6G Core Networks - Requirements, Concepts and 6G System Architecture		TUT7: eHealth over 5G/6G: the Role of Future Networks in Healthcare	Peale A			
10:05 Matti Latva-aho		S09a: SYMPOSIUM ON FUTURE OPTICAL NETWORKS AND COMMUNICATIONS		S09b: SYMPOSIUM ON FUTURE OPTICAL NETWORKS AND COMMUNICATIONS		S09c: SYMPOSIUM ON FUTURE OPTICAL NETWORKS AND COMMUNICATIONS	Peale B			
		S01a: SYMPOSIUM ON FUTURE MOBILE NETWORKS		S01b: SYMPOSIUM ON FUTURE MOBILE NETWORKS		S01c: SYMPOSIUM ON FUTURE MOBILE NETWORKS	Peale C			
		TP04: Technical Papers		TP05: Technical Papers		TP06: Technical Papers	Johnson A			
		WIFa: STATUS OF 5G DEPLOYMENTS AND EXPECTATIONS FROM 5G ADVANCED		WIFb: KEY DRIVERS FOR 6G: USE CASES, TECHNOLOGIES, AND OTHER IMPERATIVES		WIFc: TOWARDS A SINGLE, GLOBALLY HARMONIZED 6G STANDARD: CHALLENGES, RISKS, AND OPPORTUNITIES	Johnson B			
		Open Session		WS04: WORKSHOP ON AUTONOMOUS FUTURE NETWORKS FOR INDUSTRY 5.0		S10b: SYMPOSIUM ON NON-TERRESTRIAL COMMUNICATIONS IN FUTURE NETWORKS	Latrobe			
		PYT2: Python Training		TV6a/S04: SYMPOSIUM ON CONNECTING THE UN/UNDER-CONNECTED IN FUTURE NETWORKS		ENTREPRENEURSHIP AND INNOVATIONS FORUM	Ruth			

DAY 3 - Wednesday November 15

Registration and Breakfast							
7:30-8:30							

8:30 - 10:30 Holiday 4&5	10:30-11:00	11:00 - 12:30	12:30-14:00	14:00 - 15:30	15:30-16:00	16:00 - 17:30		
Keynotes	Coffee Break+ Expo+ Poster Sessions (Holiday 6)	**SESSIONS**	Lunch (Holiday 4 & 5)	**SESSIONS**	Coffee Break+ Expo+ Poster Sessions (Holiday 6)	**SESSIONS**	**Room**	
8:45 Welcome		S13: SYMPOSIUM ON SEMANTIC COMMUNICATIONS IN FUTURE NETWORKS		S16a: SYMPOSIUM ON TERAHERTZ COMMUNICATIONS FOR FUTURE NETWORKS		S16b: SYMPOSIUM ON TERAHERTZ COMMUNICATIONS FOR FUTURE NETWORKS	Holiday 1	
8:50 Vinton Cerf		TUT8: Workflow management with GenerativeAI for the future network applications		TUT13: FROM TRANSFORMERS TO MULTIMODAL GENAI		S05/08: SYMPOSIUM ON DIGITAL TWINS FOR FUTURE NETWORKS / SYMPOSIUM ON FUTURE NETWORKS TO ENABLE METAVERSE	Holiday 2	
9:15 Rob Soni		WIEc: KEYNOTE AND PANEL DISCUSSION "PROMOTING GLOBAL RESEARCH COLLABORATIONS FOR FUTURE NETWORKS TECHNOLOGY"		S02c: SYMPOSIUM ON AI/ML-DRIVEN COMMUNICATIONS IN FUTURE NETWORKS		Open Session	Holiday 3	
9:40 Raymond Shen		TUT9: Multi-5G/6G Autonomous Networks (ANs) Federation: Challenges, Solutions, and PoC		TUT10: Machine Learning Security in NextG Communications Systems		TUT11: Internet of Bio-Nano Things: Getting Practical with Molecular Communications	Peale A	
10:05 Gerhard Fettweis		S18: SYMPOSIUM ON VISION AND FACTS ON 6G AND FUTURE NETWORKS IN EUROPE		WS05: WORKSHOP ON BEYOND CURRENT 5G ARCHITECTURES FOR 6G SERVICES		S17: SYMPOSIUM ON FUTURE RAN ARCHITECTURE	Peale B	
		S07a: SYMPOSIUM ON FUTURE NETWORKS FOR CONNECTED AND AUTOMATED MOBILITY		S07b: SYMPOSIUM ON FUTURE NETWORKS FOR CONNECTED AND AUTOMATED MOBILITY		S07c: SYMPOSIUM ON FUTURE NETWORKS FOR CONNECTED AND AUTOMATED MOBILITY	Peale C	
		TP07: Technical Papers		TP08: Technical Papers		TP09: Technical Papers	Johnson A	
		IPF04: RELIABILITY, RESILIENCE, AND SECURITY (R2S) OF AI/ML-ENABLED INTELLIGENT		IPF02a: EDGE, EDGE INTELLIGENCE, AND EDGE INTELLIGENT SYSTEMS		IPF02b: EDGE, EDGE INTELLIGENCE, AND EDGE INTELLIGENT SYSTEMS	Johnson B	
		TV6b: SYMPOSIUM ON CONNECTING THE UN/UNDER-CONNECTED IN FUTURE NETWORKS		Open Session		TUT5: Security Considerations for Mobile Edge Computing	Latrobe	
		PYT3: Python Training		TV8: 6G Roadmap and Agriculture		Open Session	Ruth	