IEEE WCNC 2020 Virtual Conference Program at a Glance

Conference will be held in Korea Standard Time

Monday, May 25, 2020 - Tutorials/Workshops

Time (KST)	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8	Room 9	Room 10	Room 11	Room 12	Room 13	Room 14
09:00 - 10:30	TUT1: Federated Learning at the Network Edge	TUT2: Towards Smart and Reconfigurable Environment	TUT3: Machine Learning for Future Wireless Networks	TUT5: Moving Towards Zero-Touch Automation, A Key Enabler for 6G	TUT6: B5G: A New Frontier for Non-Orthogonal Multiple Access	HWS1: 5G Remote Health		FWS3: Emerging Tetahertz Technologies for Future Wireless Systems		FWS6: Intelligent Computing and Caching at the Edge		FWS8: NexGen RAN **S1: 9:00-9:45 S2: 9:45-11:00**	FWS9: RAFNET	
10:30 - 10:45	**Break**													
10:45 - 12:15	TUT1: Federated Learning at the Network Edge	TUT2: Towards Smart and Reconfigurable Environment	TUT3: Machine Learning for Future Wireless Networks	TUT5: Moving Towards Zero-Touch Automation, A Key Enabler for 6G	TUT6: B5G: A New Frontier for Non-Orthogonal Multiple Access	HWS1: 5G Remote Health		FWS3: Emerging Tetahertz Technologies	FWS4: WDN-5G&6G	FWS6: Intelligent Computing and Caching at the Edge		FWS8: NexGen RAN **S3: 11:15-12:00 S4: 13:30-14:00**	FWS9: RAFNET	
12:15 - 14:00	**Lunch**													
14:00 - 15:30	TUT4: Wireless Transmission for Advanced Internet of Things	TUT7: UAV Communications in 5G and Beyond	TUT8: OTFS Modulation and Applications	TUT9: URLLC for 5G and Beyond	TUT10: NOMA-Based Random Access for Massive MTC in 5G	HWS5: FDR Technologies for Next Generation Wireless Communications	HWS10: IWSS (Smart Spectrum)	FWS3: Emerging Tetahertz Technologies	FWS4: WDN-5G&6G	FWS6: Intelligent Computing and Caching at the Edge	FWS7: ICA **STARTS AT 13:00**	FWS8: NexGen RAN **S5: 14:00-15:15**	FWS9: RAFNET	HWS2: AERCOMM
15:30 - 15:45	**Break**													
15:45 - 17:15	TUT4: Wireless Transmission for Advanced Internet of Things	TUT7: UAV Communications in 5G and Beyond	TUT8: OTFS Modulation and Applications	TUT9: URLLC for 5G and Beyond	TUT10: NOMA-Based Random Access for Massive MTC in 5G	HWS5: FDR Technologies for Next Generation Wireless Communications	HWS10: IWSS (Smart Spectrum)	FWS3: Emerging Tetahertz Technologies	FWS4: WDN-5G&6G	FWS6: Intelligent Computing and Caching at the Edge	FWS7: ICA	FWS8: NexGen RAN **S6: 15:45-16:15 S7: 16:30-17:15**	FWS9: RAFNET	HWS2: AERCOMM

Tuesday, May 26, 2020 - Main Conference

Time (KST)	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8	Room 9	Room 10	Room 11	Room 12	Room 13	Room 14
09:00 - 09:20	**Opening Ceremony (Sponsor Commercials/General chair/SC Chair/TPC Chair/Best Paper Award)**													
09:20 - 10:00	**KNTU-S1: Keynote: Next Steps and Challenges of 5G Network**													
10:00 - 10:40	**KNTU-S2: Keynote: Challenges and Opportunities of 5G Mobile Edge Cloud**													
10:40 - 11:00	**Break**													
11:00 - 12:30	T1-S1: Millimeter-wave systems 1	T1-S2: Deep learning for wireless communications 1	T1-S3: Energy Efficiency in 5G and hetNets		T2-S1: Multiple access	T3-S1: Learning 1	T3-S2: Sensor network and IoT 1	T3-S3: Fog computing and networking		T4-S1: Streaming and video	T4-S2: Security and Privacy			
12:30 - 14:00	**Lunch**													
14:00 - 15:30	T1-S4: NOMA (non-orthogonal multiple access)	T1-S5: Nextgeneration communications	T1-S6: Channel modeling	T1-S7: Waveform and modulation	T2-S2: Learning-assisted optimization	T3-S4: Localization	T3-S5: Energy efficiency	T3-S6: Routing		T4-S3: Localization and tracking				
15:30 - 16:00	**Break**													
16:00 - 17:30	T1-S8: Low latency communications	T1-S9: Deep learning for wireless communications 2	T1-S10: Multiple access and interference management		T2-S3: Scheduling and radio resource management	T3-S7: Learning 2	T3-S8: Sensor network and IoT 2	T3-S9: Device-to-Device communication		T4-S4: URLLC	T4-S5: Vehicular networks			

Wednesday, May 27, 2020 - Main Conference

Time (KST)	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8	Room 9	Room 10	Room 11	Room 12	Room 13	Room 14
09:00 - 09:10	**Opening Session (WCNC 2021 AD)**													
09:10 - 09:50	**KNWE-S1: Keynote: 6G - A Step Beyond Stretching 5G**													
09:50 - 10:30	**KNWE-S2: Keynote: Into the Future Wireless**													
10:30 - 11:00	**Break**													
11:00 - 12:30	T1-S11: Millimeter-wave systems 2	T1-S12: Multiantenna system	T1-S13: Information theory and capacity		T2-S4: Resource allocation	T3-S10: Mobile edge computing 1	T3-S11: NOMA (Non-orthogonal multiple access)	T3-S12: Vehicular network 1		T4-S6: Edge computing and caching				
12:30 - 14:00	**Lunch**													
14:00 - 15:30	T1-S14: Signal processing for millimeter-wave and THz communications	T1-S15: Networking application	T1-S16: Resource management and optimization		T2-S5: Cross-layer MAC design	T3-S13: Mesh, relay, and ad hoc networks	T3-S14: Measurement and Analytics 1	T3-S15: Services and applications		T4-S7: Learning for networks	**DEMO session**			
15:30 - 16:00	**Break**													
16:00 - 17:30	T1-S17: 5G wireless communications	T1-S18: Signal detection and estimation	T1-S19: Energy efficient communications		T2-S6: Wireless MAC for 5G	T3-S16: Mobile edge computing 2	T3-S17: Measurement and Analytics 2	T3-S18: Vehicular network 2	T3-S19: 5G	T4-S8: Cellular networks and 5G				

Thursday, May 28, 2020 - Main Conference

Time (KST)	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8	Room 9	Room 10	Room 11	Room 12	Room 13	Room 14
09:00 - 09:05	**Opening Session (Best Demo Award)**													
09:05 - 09:40	**KNTH-S1: Keynote: A Fresh Look at an Old Problem: Network Utility Maximization - Convergence, Delay, and Complexity**													
09:40 - 10:20	**KNTH-S2: Keynote: Toward One Network Era: Integrated Terrestrial-Satellite Communication**													
10:20 - 10:40	**Break**													
10:40 - 12:10	T1-S20: Massive MIMO 1	T1-S21: Coding scheme 1	T1-S22: Performance analysis 1		T2-S7: Scheduling	T3-S20: UAV (Unmanned aerial vehicle) 1	T3-S21: Security and privacy 1	T3-S22: Resource management and optimization 1		T4-S9: Recognition and prediction	T4-S10: Crowdsourc-ing and Incentive Mechanism			
12:10 - 14:00	**Lunch**													
14:00 - 15:30	T1-S23: Machine-type communications	T1-S24: Polar code	T1-S25: Performance analysis 2	T1-S26: Hardware and Implementation		T3-S23: Mobility and handoff management	T3-S24: Rate Control and Transport Protocol	T3-S25: Resource management and optimization 2		T4-S11: Low power and IoT	T4-S12: Communica-tions with UAVs			
15:30 - 16:00	**Break**													
16:00 - 17:30	T1-S27: Massive MIMO 2	T1-S28: Coding scheme 2	T1-S29: Transceiver design			T3-S26: UAV (Unmanned aerial vehicle) 2	T3-S27: Security and privacy 2	T3-S28: Resource management and optimization 3	T3-S29: Multi-connectivity	T4-S13: Hybrid Satellite Networks	T4-S14: mmWave and optical wireless			

End of Program

TRACK 1: PHY AND FUNDAMENTALS

TRACK 2: MAC AND CROSS-LAYER DESIGN

TRACK 3: WIRELESS NETWORKS

TRACK 4: EMERGING TECHNOLOGIES, ARCHITECTURES AND SERVICES

DEMO SESSION