

Saturday, January 8, 2022					
TIME	Zoom # 1	Zoom # 2	Zoom # 3	Zoom # 4	Zoom # 5
8:30	WKSP #1: ROBOCOM	Tutorial #1 6G Networks: Beyond Shannon Towards Semantic and Goal-oriented Communications Presenter: Emilio Calvanese Strinati	Tutorial #2 Public Blockchain: Theoretical Foundation and Applications Presenter: Wenbing Zhao	Tutorial #3 Towards Global Connectivity Using Aerial and Space Networks Presenters: Mustafa Kishk, Mohamed Slim Alouni	WKSP #2: SONATAI
9:00					
9:30					
10:00	Break				
10:30	WKSP #1: ROBOCOM	Tutorial #1 6G Networks: Beyond Shannon Towards Semantic and Goal-oriented Communications Presenter: Emilio Calvanese Strinati	Tutorial #2 Public Blockchain: Theoretical Foundation and Applications Presenter: Wenbing Zhao	Tutorial #3 Towards Global Connectivity Using Aerial and Space Networks Presenters: Mustafa Kishk, Mohamed Slim Alouni	WKSP #2: SONATAI
11:00					
11:30					
12:00					
12:30	Break				
13:00	WKSP #3: NG-ROWS	Tutorial #1 6G Networks: Beyond Shannon Towards Semantic and Goal-oriented Communications Presenter: Emilio Calvanese Strinati	Tutorial #4 MetaEverything: Intelligent Meta-Surface Aided Sensing and Communications Presenters: Hongliang Zhang, Boya Di, Zhu Han, Ligyang Song	Tutorial #5 Physical Assurance of Electronics for Communications & Networking Presenter: Navid Asadi	
13:30					
14:00					
14:30	Break				
15:00	WKSP #3: NG-ROWS	Tutorial #1 6G Networks: Beyond Shannon Towards Semantic and Goal-oriented Communications Presenter: Emilio Calvanese Strinati	Tutorial #4 MetaEverything: Intelligent Meta-Surface Aided Sensing and Communications Presenters: Hongliang Zhang, Boya Di, Zhu Han, Ligyang Song	Tutorial #5 Physical Assurance of Electronics for Communications & Networking Presenter: Navid Asadi	
15:30					
16:00					

Sunday, January 9, 2022

TIME

8:30	OPENING SESSION Keynote 1: PROF. MEHDI BENNIS Title: Edge Intelligence over Wireless: Present and Future							
8:30								
9:00								
9:45								

Break

	Zoom #1	Zoom #2	Zoom #3	Zoom #4	Zoom #5	Zoom #6	Zoom #7	Zoom #8
10:00	Session #1: Networking Solutions for Multimedia Communications and Games	Session #2: Cloud/Fog/Edge Solutions in Cellular Networks	Session #3: Protocols for Next Generation Wireless Systems	Session #4: Communications and Applications for Connected/Autonomous Aerial Vehicles	Session #5: IoT Systems: Networking	Session #6: Reinforcement Learning for Communications and Networking	Session #WIP1: Content Protection & Security (1)	Session #WIP2: Interference Management & Resource Allocation
10:30								
11:00								
11:30								

Break

TIME

11:45	PANEL 1: LEVERAGING INTELLIGENT DIGITAL REALITIES TO RECONNECT THE WORLD Moderator: TBD							
12:00								
12:30								
13:00								
13:15								

Break

	Zoom #1	Zoom #2	Zoom #3	Zoom #4	Zoom #5	Zoom #6	Zoom #7	Zoom #8
13:30	Session #7: Networking Solutions for Social Applications	Session #8: Cloud/Fog/Edge Computing and Networking	Session #9: Wireless & Optical Communications	Session #10: Intrusion Detection Methods	Session #11: IoT Systems: Applications	Session #WIP3: Learning-based networking	Session #WIP4: Content Protection & Security (2)	Session #WIP5: Autonomous vehicles
14:00								
14:30								
15:00								

Break

15:15	IEEE ComSoc Young Professional Event							
16:00								
16:30								

Monday, January 10, 2022

TIME	OPENING SESSION + AWARDS							
8:30	Keynote 2: DR. SUNGHYUN CHOI Title: Technical Challenges & Prospect towards Beyond 5G and 6G							
8:30								
9:00								
9:45								
	Break							
	Zoom #1	Zoom #2	Zoom #3	Zoom #4	Zoom #5	Zoom #6	Zoom #7	Zoom #8
10:00	Session #12: Cybersecurity: Attacks Detection & Authentication	Session #13: Wearable Computing Systems	Session #14: Communications and Applications for Vehicular Networks	Session #15: AI/ML for Cellular Communications	Session #16: 5G and onwards to 6G	Session #WIP6: IoT	Session #WIP7: Context- aware &	Session #PS1: Poster Session 1
10:30								
11:00								
11:30								
	Break							
	PANEL 2: DISTRIBUTED AND FEDERATED LEARNING FOR CONSUMER AND INDUSTRIAL IOT Moderator: TBD							
11:45								
12:00								
12:30								
13:00								
13:15								
	Break							
	Zoom #1	Zoom #2	Zoom #3	Zoom #4	Zoom #5	Zoom #6	Zoom #7	Zoom #8
13:30	Session #17: Cybersecurity: Blockchains & IoT	Session #18: Network Virtualization	Session #19: Communications and Applications for Connected and Autonomous Vehicles	Session #20: AI/ML for Network Protocols and Applications	Session #21: Emerging topics in consumer communications	Session #WIP8: Applications	Session #WIP9: Network Deployments	Session #PS2: Poster Session 2
14:00								
14:30								
15:00								
	Break							
15:15	Demo Session							Session #PS3: Poster Session 3
16:00								
16:30								
17:00								
17:15								

Tuesday, January 11, 2022

TIME	OPENING SESSION					
8:30	Keynote 3: PROF. YINGYING (JENNIFER) CHEN Title: Exploring the Power of Mobile Sensing and Computing for IoT Security and Smart Healthcare					
8:30						
9:00						
9:45						
	Zoom # 1	Zoom # 2	Zoom # 3	Zoom # 4	Zoom # 5	Zoom #6
10:00	WKSP #4: 6G	Tutorial #6 Reconfigurable Intelligent Surfaces for Future Wireless Communications Presenters: Alessio Zappone, Marco Di Renzo, Merouane Debbah,	Tutorial #7: 6G Security and Privacy Vision Towards Reality Presenter: Madhusanka Liyange	Tutorial #8: Distributionally Robust Optimization and Machine Learning for Communication Networks	WKSP #5: ADS	WKSP #6: IIWOT
10:30						
11:00						
11:30						
	Break					
12:00	WKSP #4: 6G	Tutorial #6 Reconfigurable Intelligent Surfaces for Future Wireless Communications Presenters: Alessio	Tutorial #7: 6G Security and Privacy Vision Towards Reality Presenter: Madhusanka Liyange	Tutorial #8: Distributionally Robust Optimization and Machine Learning for Communication Networks	WKSP #5: ADS	WKSP #6: IIWOT
12:30						
13:00						
13:30						
	Break					
14:00		Tutorial #6 Reconfigurable Intelligent Surfaces for Future Wireless Communications Presenters: Alessio	Tutorial #9: Understanding 6G Research & Design Aspects for Ultra-Flexible 6G Core Network Architectures Presenters: Thomas			
14:30						
15:00						
15:30						
	Break					
16:00		Tutorial #6 Reconfigurable Intelligent Surfaces for Future Wireless Communications Presenters: Alessio	Tutorial #9: Understanding 6G Research & Design Aspects for Ultra-Flexible 6G Core Network Architectures Presenters: Thomas			
16:30						
17:00						
17:30						