

WCSP 2024 Conference Program Overview

October 23, 2024									
10:00-18:00	Sign-in & Conference Materials Collection			Presentation Type: “O-00”: Oral presentation; “I-00”: Interactive presentation					
October 24, 2024				Papers					
09:00-09:25	Opening Ceremony								
09:25-10:10	Keynote Speech 1: Chang Wen Chen, The Hong Kong Polytechnic University								
10:10-10:55	Keynote Speech 2: Giuseppe Caire, Technical University Berlin, Germany								
10:55-11:15	Break								
11:15-12:00	Keynote Speech 3: Li Sun, Huawei Technologies, China								
12:00-13:30	Lunch								
13:30-16:00	WCSP-SCIS Salon	Frontiers of Information Science and Technology - Ultra-low Energy Consumption Mobile Communication for 6G	Ballroom A						
13:30-14:45	Session O-1	New Trends in Semantic Communication and Machine Learning	Board Room	1571042571	1571061026	1571061564	1571061601	1571055669	
	Session O-2	Multiple Access and Resource Allocation	VIP room	1571042359	1571054782	1571055354	1571055913	1571056026	
	Session O-3	Signal Processing Technologies	Jinxiu Room	1571055839	1571051323	1571054775	1571032766	1571042429	
	Session O-4	Network Optimization	Ballroom B	1571054842	1571055563	1571055878	1571061619	1571061719	
	Session I-1	Sensing System Design	Ballroom Foyer	1571055315	1571040208	1571037804	1571060924	1571059992	
	Session I-2	Modulation and Coding for Multiple Access	Ballroom Foyer	1571040812	1571052701	1571055899	1571061543		
	Session I-3	Task Offloading and Service Caching	Ballroom Foyer	1571061082	1571055584	1571051985	1571055911	1571060624	
	Session I-4	Wireless Transmission and Learning	Ballroom Foyer	1571036555	1571053674	1571055999	1571060947	1571042171	
	Session I-5	Edge Computing and Task Offloading	Ballroom Foyer	1571055869	1571055945	1571053179	1571055884	1571058453	
	Session I-6	Security and Detection	Ballroom Foyer	1571055994	1571061560	1571055729	1571041946		
	Session I-7	Optical and Underwater Communication	Ballroom Foyer	1571042770	1571039878	1571055991	1571061469	1571056659	
14:45-15:00	Break								
15:00-16:15	Session O-5	Beamforming Design	VIP Room	1571046575	1571029502	1571061216	1571054876	1571054826	
	Session O-6	Network Optimization and Security	Ballroom B	1571058371	1571061703	1571051903	1571042182	1571051893	
	Session O-7	Semantic Channel Transmission	Board Room	1571048456	1571055279	1571055648	1571061149	1571055789	
	Session O-8	Multimedia Quality Enhancement	Jinxiu Room	1571055812	1571054747	1571055825	1571042273	1571052278	
	Session I-8	Channel Modeling and Energy-Saving Control	Ballroom Foyer	1571061449	1571055751	1571043246	1571054974	1571041981	
	Session I-9	Transmission Scheme and Constellation Design	Ballroom Foyer	1571046992	1571051593	1571055691	1571036085	1571054884	
	Session I-10	Network’ Planning, Scheduling, and Interference Management	Ballroom Foyer	1571051618	1571036739	1571054229	1571060830	1571042213	1571053848
	Session I-11	Semantic Image Transmission	Ballroom Foyer	1571042248	1571054711	1571055165	1571055633	1571061065	1571055796

WCSP 2024 Conference Program Overview

	Session I-12	Performance Analysis and Optimization	Ballroom Foyer	1571037977	1571061497	1571055571	1571054997	1571055141	1571047155
	Session I-13	Protocol Innovations	Ballroom Foyer	1571042252	1571054440	1571055196	1571059009	1571054672	
	Session I-14	Special Applications and Systems	Ballroom Foyer	1571053268	1571055388	1571059844	1571060878	1571061454	
16:15-16:30	Break								
16:30-17:45	Session O-9	Space-air-ground-sea Integrated Network	Ballroom B	1571055861	1571053252	1571055930	1571052763	1571055969	
	Session O-10	Cell-Free Wireless Communications	VIP Room	1571041867	1571054731	1571055260	1571061272	1571056246	
	Session O-11	Quantum Computing and Federated Learning	Board Room	1571054318	1571042372	1571055897	1571055980	1571052429	
	Session O-12	Data Collection and Resource Allocation	Jinxiu Room	1571041890	1571043722	1571061512	1571055790	1571055974	
18:30	Welcome Reception								

WCSP 2024 Conference Program Overview

October 25, 2024				Papers					
09:00-09:45	Keynote Speech 4: Khaled Ben Letaief, The Hong Kong University of Science and Technology, Hong Kong SAR, China								
09:45-10:30	Keynote Speech 5: Weihua Zhuang, University of Waterloo, Canada								
10:30-11:00	Break								
11:00-11:45	Keynote Speech 6: Kai-Kit Wong, University College London, United Kingdom								
12:00-14:00	Lunch								
14:30-16:00	Session: O-13	Parameter Estimation and Localization	VIP Room	1571041978	1571033066	1571061235	1571055975	1571048185	
	Session:O-14	Compression and Transmission of Multimedia Data	Board Room	1571040708	1571055836	1571061597	1571061232	1571055998	
	Session:O-15	Reconfigurable Intelligent Surfaces	Grand Ballroom	1571038717	1571049569	1571053117	1571053680	1571059973	1571055074
	Session O-16	Terahertz and mmWave Communications	Jinxiu Room	1571052695	1571061638	1571051957	1571053156	1571041161	
	Session I-15	Encoding and Decoding Algorithm	Ballroom Foyer	1571055916	1571055773	1571056006	1571055966	1571040853	
	Session I-16	Multimedia Analysis	Ballroom Foyer	1571051655	1571059560	1571060265	1571052524		
	Session I-17	Deep learning based Signal Processing and Routing Strategy	Ballroom Foyer	1571051978	1571055941	1571060782	1571040141		
	Session I-18	Modulation Classification and Beamforming Design	Ballroom Foyer	1571058535	1571052371	1571055564	1571057927	1571055938	1571061203
	Session I-19	AI-based Prediction and Detection in IOT	Ballroom Foyer	1571054265	1571039910	1571054392	1571042589	1571055909	1571054478
16:00-16:15	Break								
16:15-17:30	Session O-17	Beamforming and Precoding	VIP Room	1571038225	1571055216	1571060909	1571055889	1571040473	
	Session O-18	Energy-Efficient Networks	Board Room	1571054231	1571055807	1571057993	1571055055	1571059216	
	Session O-19	UAV-Based Networks	Jinxiu Room	1571035668	1571053588	1571054503	1571054849	1571055781	
18:00	Banquet								

WCSP 2024 Conference Program Overview

October 26, 2024				Papers					
09:00-10:30	Session O-20	Coded Caching and Distributed Computation	VIP Room	1571043143	1571053881	1571055824	1571055313	1571051523	1571054434
	Session O-21	Remote Sensing and Sensors	Board Room	1571042188	1571055954	1571048595	1571055979	1571053821	
	Session O-22	Wireless Transmission and Sensing	Jinxiu Room	1571038299	1571059913	1571061141	1571061320	1571061439	
10:30-10:45	Break								
10:45-12:00	Session O-23	Design and Challenge for Physical Layer Technologies	VIP Room	1571061072	1571061415	1571061421	1571059658	1571061606	
	Session O-24	Channel Modeling and Knowledge	Board Room	1571054402	1571054723	1571055290	1571055872	1571057901	
	Session O-25	Security Technologies	Jinxiu Room	1571030121	1571052268	1571061167	1571061174	1571052322	
12:00-13:30	Lunch								
13:30-15:00	Session O-26	Coding and Fast Decoding Algorithm Design	VIP Room	1571042190	1571054888	1571059174	1571042305	1571055912	
	Session O-27	Multiple-Antenna Technologies	Board Room	1571052700	1571061534	1571054373	1571056008	1571053682	
	Session O-28	Specific Emitter Identification and RD Fingerprints	Jinxiu Room	1571041427	1571042883	1571045415	1571051515	1571061389	
15:00-15:15	Break								
15:15-16:30	Session O-29	Routing and Scheduling	VIP Room	1571041467	1571061567	1571061459	1571051299	1571059989	
	Session O-30	Throughput Analysis and Network Optimization	Board Room	1571047733	1571061756	1571060631	1571055835	1571055291	
	Session O-31	Wireless Channel Estimation	Jinxiu Room	1571053518	1571054257	1571061327	1571061470	1571061334	