



11th International Symposium on Telecommunication

Program at a Glance



Communication in the Age of Artificial Intelligence

October 9-10, 2024 (Hybrid Symposium)

DATE	TIME																
Wednesday- 09/10/2024	Registration 7:30-18:00																
	8:15- 10:30 (main hall)			10:45- 12:15				Opening Ceremony 14:00- 16:00 (main hall)				16:30- 18:30 (main hall)					
<p>Welcome Address by 08:15- 8:30 Dr. Hassan Yeganeh</p> <p>Keynote Speaker 08:30- 09:00 Dr. Babak Khalaj Role of AI and Large Language Models in Telecom Evolution</p> <p>Keynote Speaker 09:00- 09:30 Dr. Jawad A. Salehi Towards AI-Quantum Internet Communication Systems and Networks</p> <p>Invited Speaker 09:30- 10:00 Dr. Behrouz Maham Non-Terrestrial Networks (NTN) Over Millimeter-Wave Bands</p> <p>Keynote Speaker 10:00- 10:30 Dr. Nizamettin Aydin On the Complex Discrete Wavelet Transform of Nonstationary Complex Signals Within Stroke Research Context</p>			<p>15 min Break</p> <p>10:45-12:15</p> <p>CT1- Signal Detection/ Processing for Communications (Main hall) 1102, 1156, 1216, 1159</p> <p>10:45-12:15</p> <p>CT2- Optical Networks and Systems (H1) 1086, 1070, 1214, 1158, 1065</p> <p>10:45-12:15</p> <p>ST1- Digital Economy/ Transformation & Sustainable Development (H2) 1160, 1005, 1233, 1226, 1099</p> <p>10:45-12:15</p> <p>IT1- Services and Platforms (H3) 1020, 1051, 1009, 1227, 1248</p>				<p>12:15- 14:00 Lunch</p> <p>14:00- 14:10 Opening Remarks</p> <p>14:00- 14:20 TPC report by TCP Chair Dr. Alireza Yari</p> <p>14:20- 14:30 Inaugural Address by Symposium Chair Dr. S. Mohammad Razavizadeh</p> <p>Keynote Speaker 14:30- 15:00 Mr. Seto Ojoo AI Standardization in ITU- Current Activities and Future Plans</p> <p>Keynote Speaker 15:00- 15:30 Dr. Eesa Mohammed Albastaki Disruptive Technology in the 4th Industrial Revolution and Beyond</p> <p>15:30- 16:00 Address by Minister of ICT Dr. Sattar Hashemi</p>				<p>30 min Break</p> <p>Invited Speaker 16:30- 17:00 Dr. Karim Mohammadpour-Aghdam BTS Antennas and its Network Requirements in 6G and Beyond</p> <p>Panel 1 17:00- 18:30 The Role of AI in Providing Novel Services in ICT Industry and ICT Governance</p>						
Poster Session 1 (H4) Future Networks, Systems & Technologies part 1 - Security 1147, 1193, 1201, 1243, 1004, 1015, 1027, 1028, 1038, 1054, 1057, 1060, 1063, 1066, 1072, 1081, 1083, 1089, 1092, 1098, 1101			09:45 – 10:45 Poster Presentation														
Thursday- 10/10/2024	Registration 7:30-18:00																
	Main Hall	8:45- 10:15			10:30- 12:15 (H1)		10:30- 12:15 (H2)		10:30- 12:15 (H3)		14:00- 16:00 (main hall)		14:00- 16:00 (H1)		14:00- 16:00 (H2)		16:15- 18:00 (main hall)
<p>Keynote Speaker 08:15- 08:45 Dr. Maode Mia Security Enhancements for 5G Wireless Networks</p> <p>CT3- Wireless Communications and Mobile Networks (main hall) 1053,1117, 1122,1169, 1152, 1141</p> <p>ST2- Legal, Ethical and Regulatory – Innovation– Strategy (H1) 1138, 1085, 1021, 1137</p> <p>CT4- Special Topics in Electromagnetic & Quantum (H2) 1094, 1133, 1229, 1093, 1192</p> <p>IT2- AI Application – AI-enabled services (H3) 1100,1179,1267,1108,1183</p>	<p>15 min Break</p> <p>Invited Speaker 10:30- 11:00 Dr. Fattaneh. Taghiareh The Present and Future of Learning Assessment and Learner's Evaluation in the Era of Artificial Intelligence</p> <p>11:00- 12:15 (H1) IT3- AI Application – AI-enabled services 1132,1149,1255,1071,1025</p> <p>Invited Speaker (H2) 10:30- 11:00 Dr. Mohammad Hesam Tadayon Cyber Insurance: Needs, Concepts, Trends and Approaches</p> <p>11:00- 12:15 (H2) SEC- Security 1022,1030,1106,1186, 1014</p> <p>Invited Speaker (H3) 10:30- 11:00 Dr. Yahid Nayeri Advances in Wideband, High-Efficiency, and High-Linearity RF Power Amplifiers</p> <p>11:00- 12:15 (H3) CT5- Devices in Microwaves, MMW and THz 1003, 1040, 1119, 1142, 1103, 1271</p>			<p>12:15- 14:00 Lunch</p> <p>Invited Speaker 14:00- 14:30 Dr. Mahtab MirMohseni Two 6G Enablers: Integrated Sensing and Communications, and Semantic Communications</p> <p>14:30- 16:00 (main hall) CT6- AI Application – AI-enabled services 1018,1031,1205,1176</p> <p>Invited Speaker (H1) 14:00- 14:30 Dr. Hadi Alakbarian Use of Shared-Aperture Technology in Hybrid Base Transceiver Antennas</p> <p>14:30- 16:00 (H1) CT7- Antennas and Devices for Wireless Comm. 1080, 1148, 1135, 1145, 1218,1058</p> <p>Invited Speaker 14:00- 14:30 Dr. Mohammad Reza Ahmadi G-Cloud Architecture and Migration method</p> <p>14:30- 16:00 (H2) IT4- Services and Platforms 1061, 1238, 1026, 1079</p>		<p>15 min Break</p> <p>Panel 2 16:15- 17:30 The Role of AI in Resolving Bottlenecks in ICT Industry</p> <p>17:30 18:00 Product-oriented Idea Event</p> <p>16:0- 18:30 Closing</p>											
Poster Session 2 (H4) Future Networks, Systems & Technologies part2- Empowerment & Enabling Environment 1023, 1036, 1052, 1084, 1088, 1107, 1116, 1171, 1224, 1241, 1109, 1125, 1143, 1144, 1163, 1172, 1177, 1180, 1181, 1197, 1198, 1199, 1203, 1209, 1212, 1235, 1250, 1265, 1266			9:45– 10:45 Poster Presentation								Poster Session 3 (H4) Services, Platforms & Devices 1010, 1029, 1047, 1077, 1082, 1097, 1111, 1124, 1131, 1140, 1154, 1162, 1194, 1200, 1228, 1231, 1237, 1239, 1245, 1246, 1252, 1254, 1258, 1260, 1270		15:30– 16:30 Poster Presentation				