

Message from the Technical Program Committee Chair of the 11th International Symposium on Telecommunications (IST2024)



The IST2024 Symposium, held at the ICT Research Institute (formerly the Iran Telecommunication Research Center, ITRC) in Tehran from October 9-10, 2024, serves as a global reference point for disseminating high-quality research across all aspects of telecommunications, fostering interaction and the exchange of ideas. We are pleased to report that the symposium attracted significant interest from researchers, receiving over 244 submissions across four

tracks. The 50 members of the Technical Program Committee worked diligently and responsibly under tight deadlines, providing at least four reviews for each paper, which formed the basis for the final selection. This rigorous review process resulted in the acceptance of 69 oral papers and 78 poster presentations. Additionally, to ensure participants benefit from further valuable research, seventeen workshops were accepted for presentation beside the mail stream of the symposium.

The IST2024 program spans three days and includes four parallel sessions. The first day is dedicated to high-quality workshops, while the program is enhanced by seven keynote presentations from world-renowned researchers and two panel discussions. We extend our heartfelt gratitude to all authors who entrusted us with their work; without their contributions, the symposium would not be possible. The successful outcome of this event is a testament to the dedication and hard work of many colleagues. Special thanks go to the track chairs, track editors, workshop chairs, members of the Technical Program Committee, and referees for their thorough reviews and commitment to maintaining high standards.

At last, we are honored to express our special appreciation and gratitude for the invaluable and continuous efforts of two esteemed scientists, Prof. Ahmad Khademzadeh and the late Prof. Kambiz Badie, who have always played a pivotal role in advancing the goals and progress of IST. These two distinguished professors have been among the founders of IST, and over the years, they have played various positions, such as scientific and executive committee chairs. The efforts and valuable services of these individuals have always served as a model and inspiration for all of us, and their names and memories will always be cherished.

Table 1- Status of Received Papers



No .	Track	Scopes	Oral Accepted	Poster Accepted	Received	Oral Paper Acceptance Rate (%)
1	Future Networks, Systems & Technologies	5G	36	36	122	30
		Active and Passive Devices and Components				
		AIEnabled Networks				
		Antennas and Propagation, Millimeter Wave & Terahertz Technologies				
		Blockchain/SDN/NFV				
		Connected Networks				
		Future Constellations Services				
		Infrastructure Protection and Emergency Communication				
		Internet (Web 3.0 and Beyond)				
No .	Track	Scopes	Oral Accepted	Poster Accepted	Received	Oral Paper Acceptance Rate (%)
		Metamaterials, Meta Surfaces and Reconfigurable Antennas & Devices for 5G/6G				
		Novel AIbased Architectures, Frameworks, User Applications and Testbeds for 5G/6G				
		Novel Quantumbased Architectures, Frameworks, User Applications and Testbeds for 5G/6G				
		Optical Networks and Systems				
		Photonic Networks				
		QoS Management (AI and Automation in Network and Service Management)				
		Quantum Communications				
		Satellite and Space Communications				
		Satellite Constellations and Upcoming Direct to Cell Services				
		Satellite Navigation and LEO Constellations				



		Navigation Services				
		Signal Detection/Processing for Communications				
		Smart Grid Communications				
		Wireless Communications and Mobile Networks				
		Active and Passive Devices and Components				
2	Services, Platforms & Devices	AI Applications in Healthcare, Education, Finance, etc	19	25	74	25
		AIEnabled Services				
		AR/VR/XR				
		Cloud, Edge and Quantum Computing				
		Data Analytics/Open Data				
		Digital Platforms/social media				
		IoT/Industrial IoT				
		Large Language Model (LLM)				
		AI Applications in Healthcare, Education, Finance, etc				
3	Empowerment & Enabling Environment	AI for Sustainable Development	9	10	26	35
		Digital Economy				
		Digital Transformation				
		Economical, Social and Technological Analysis of AI				
		Employment and Skill Development				



No	Track	Scopes	Oral Accepted	Poster Accepted	Received	Oral Paper Acceptance Rate (%)
		Innovation and Technology Management				
		Legal, Ethical and Regulatory Considerations				
		Strategies for Migration to Future Networks and Services				
4	Security	Cloud Computing and Big Data Infrastructure Security	5	4	22	23
		Cyberspace Security				
		Data Protection, Privacy and User Security				
		Emerging Technologies Security (such as AI, Quantum computing)				
		Standardization Strategy and Coordination Security				
		Telecommunication Services, IoT and AI Security				
	Total		69	75	244	30

Table 2- Status of Received Workshops

Number of workshop proposals received	30
Number of accepted workshops	17

We hope that our collective efforts stimulate further progress in this sphere of activity with strengthened determination at national and international levels.

Alireza Yari
Technical Program Committee Chair

