Program of IST2026 Workshops

	8-10	10-12		13-15	15-17
Saturday 28-Nov. 2026	W1	W2		W7	W8
	W3	W4		W9	W10
	W5	W6		W11	W12
Sunday 29-Nov. 2026	W13	W14		W19	W20
	W15	W16		W21	
	W17	W18		W23	W24
Monday 30-Nov. 2026	W25	W26		W31	W32
	W27	W28		W33	
	W29	W30		W34	
		W22		W35	W36

Workshop No.	Topics	Presenter(s)
W1	Open RAN architecture (disaggregation of radio layers—RU, DU, and CU—and the RAN Intelligent Controller, or RIC)	Telecommunications Syndicate
W2	Active antennas and modern radio systems (Massive MIMO, AAS, and integration with O-RU)	Telecommunications Syndicate
W3	The Smart City on the Path to Sustainable Development: From Foundations to Future Perspectives	M.RGhale F.Salimi, M.T.Mahmoudi, E.Naseri
W4	A Managerial Understanding of Quantum Computing and Its Ecosystem	S.M.Nematolahzadeh
W5	Security Challenges and Defense Mechanisms in Serverless Architectures & FaaS: From Threat Modeling to Runtime Hardening	A. Ghalami Osgouei
W6	Practical Detection of Zero-Day Attacks: Behavioral Analytics, AI, Threat Hunting and Multi-Layer Security	E. Salahi
W7	Data Analytics and CyberSecurity of Internet of Things	M.Raji, Mohammad Amin
W8	Fluid Reconfigurable Intelligent Surfaces (FRIS): The Next Evolutionary Step Toward 6G Smart Wireless Environments	N. Pouyanfar, M.Karimi Rad, R. Bahri
W9	Intelligent Event Identification and Detection in Social Media through Integrated Content and Structural Analysis	L. Rabiei, S. Labafi, M. Mazoochi
W10	Analysis of 5G network security frameworks and reference standards	A. Madani, M. Hosseini, M. Bahrololoum

Workshop No.	Topics	Presenter(s)
W11	Phishing Detection and Prevention: From Identifying Attacks to Enhancing User Security	T. Tafazzoli, S. Naderi
W12	Operationalizing Zero Trust Architecture (ZTA) in 5G Networks: Core, Open RAN, and Edge Security	A. Ghalami Osgouei
W13	Cloud vIMS Platforms and the Transformation of Voice and Data Services (VoLTE / VoNR / RCS over Telco Cloud)	Telecommunications Syndicate
W14	5G Open Core and Service Orchestration on a Cloud-Native Platform	Telecommunications Syndicate
W15	Dimensions of Antimalware Evaluation: Security Evaluation, Functionality and Performance Testing, and Product Ranking with a National Scoring System-28	M.S. Mirpourian, H. Kashfi
W16	Digital Health Transformation: Strategies, Technologies, and Architecture to Intelligent Healthcare Services	A. Kazemnejad, A. Asosheh, M. Jajroudi
W17	XDR in Converged Telecom (CT) and Operational Technology (OT) Environments: Detection, Analysis, and Response Based on MITRE ATT&CK	A.Bamdad Mghadam, A.Hossein Salehi, A.Souzani
W18	Analysis and Evaluation of the Robustness and Vulnerability of Natural Language Processing (NLP) Models Against Adversarial Attacks	M. Goodarzi, D. Qashqai Davoodi, H. Yarali
W19	An Examination of the Technical and Regulatory Aspects of Direct-to-Cell (DtC) Satellite Communication Technology within the International Ecosystem, with a Focus on Its Potential Application in Iran	P. Hajipour, A. Fard
W20	Beyond Accuracy: Evaluating Anomaly Detection in IoT Traffic under Unseen Attacks and Distribution Shift	R.Kalantari, M,Goodarzi, A.R.Naghizadeh
W21	From Raw Data to AI-Driven Actionable Insights: Introducing a Comprehensive Big Data Intelligent Analytics Platform	L. Rabiei, M. Mazoochi, M. Khosravi
W22 Monday 30-Nov. 2026	Implementation of a Trusted-Node-Based Quantum Key Distribution Network: From Laboratory to Field	S.Tofighi, A. Ghalami Osgouei, T. Shabanian Boroujeni
W23	Integrated analysis of security events using graph models	F. Imanimehr H. Ebrahimi
W24	RAG and GraphRAG: Foundations, Applications, and Adversarial Threats	M. Kahani, H. Alizadeh, A. Moameri
W25	Malware Threats in Industrial Control Systems and Critical Infrastructure, and Countermeasures (in collaboration with the APAN Center at Amirkabir University of Technology and Aman Company)	B. Maleki Rad, MM.Ahmadian
W26	Utilizing machine learning in XL-MIMO communication systems	A. Ahmadinejad
W27	Lessons from Cyberattacks: From Threat Analysis to Proactive Defense	S. Nafisi, M. Heydari

Workshop No.	Topics	Presenter(s)
W28	Agentic Government: A New Paradigm in Digital Governance	M.kharrat, M.Sadeghi,K.Abassi, S.Babazadeh
W29	Enhancing the Quality of Security Services Based on Standards and Requirements for Companies Providing Information and Communications Technology (ICT) Security Services	S zeineddin Pakdaman, M, Goodarzi
W30	Beyond Antivirus: Evidence-Based EDR Evaluation, Architecture, and Practical Alert Analysis in ICT Environments	A.Souzani, M,Goodarzi, A.R.Naghizadeh
W31	AI-RAN: Foundations, Applications, and Challenges	A. Akbar Tadaion, M. Naderpour, S. M. Razavizadeh
W32	Beyond Massive MIMO: Emerging MIMO Technologies for 5G-Advanced and 6G Wireless Communications	S. M. Razavizadeh
W33	The Path to Post-Quantum Cryptography Migration: Policy-Making, Migration Planning, and Implementation	A. Torkaman, M. Zolfagharipour
W34	Data Networks in AI Processing Infrastructure	M.R.Pakravan M. Hadi
W35	Trust-Based Access Control in the Internet of Things Using Blockchain	MH.Tadaion, Payman Veisi, Parnian Nakhaie, Kimia Maleknejad
W36	Towards 6G: A Multidisciplinary Perspective on Technologies, Business Models, and Regulatory Issues	F.Tavakkol Hamedani ,M. MoazzamiPeiro, H. Behroozi, B. Khalaj