Each session is up to 90 minutes. Full papers are allocated 25 minutes and short papers 15 minutes. As of July 24, 2026

Paper ID	Full Paper (F) / Short Paper (S)	Paper title	Authors	Online	Date	Start	End
Session 1	**Evaluating AI systems**		**Chair: Muhammad Mudassar Yamin**				
23	F	Tianyue Wang, Fei Yuan, Chiaju Miao, Muralidharan Seshadri Kaniyanoor and Kazuo Matsumoto	AutoQABench: A Three-Level UX Benchmark for Automated Evaluation of Open-Ended LLM Responses		27-Jul	11:15	11:40
106	F	Francisca Isabella Manope, Adam Rafif Faqih, Daffa Hilmy Fadhlurrohman, Jati H. Husen and Rosa Reska Riskiana	LLM-Based Automatic Metamorphic Test Case Generation for LLM Fairness Testing		27-Jul	11:40	12:05
88	F	Ren Wei Lu, Wan Ping Chen and Fang Yu	Dual-Track Red Teaming and Evaluation for Traditional Chinese Localized LLMs		27-Jul	12:05	12:30
39	S	Landy Rakotoarison and Fanamby Randriamahenintsoa	Do AI Agents Exhibit Greed or Empathy in Shared Resource Environments?		27-Jul	12:30	12:45
Session 2	**AI for Software Quality Engineering**		**Chair: Nayab Shahzad**				
71	F	Erik Trevino	Deterministic Behavioral Contract Testing for AI Features at the Browser Layer		27-Jul	15:45	16:10
22	F	Ryoya Koyama, Zhiyao Wang, Devi Karolita, Jialong Li and Kenji Tei	Bridging the Interpretation Gap in Accessibility Testing: Empathetic and Legal-Aware Bug Report Generation via Large Language Models		27-Jul	16:10	16:35
37	S	João Domingues, Daniela Duarte, António Sousa and Nuno Pombo	AI4SE for CI/CD: Explainable Code Smell Risk Analysis	Online	27-Jul	16:35	16:50
99	S	Raquel Blanco, María José Suárez-Cabal, Javier Tuya and Claudio de la Riva Álvarez	A RAG approach for assisting testers in database query testing		27-Jul	16:50	17:05
Session 3	**LLMs for Software Engineering and Security**		**Chair: Tatsuhiro Tsuchiya**				
98	F	Fuze Kuang, Dongmei Liu, Mingzhe Zhao and Longyang Mi	A Dynamic Evaluation Approach to Repository-Level Code Generation Via LLM	Online	28-Jul	10:15	10:40
103	F	Yuxuan Wang, Jingshu Chen and Qingyang Wang	LLM-Based Detection and Test Generation for Command Injection Vulnerabilities in Python	Online	28-Jul	10:40	11:05
54	F	Mizuki Yamada, Masahiko Kato and Juichi Takahashi	Improving LLM-Based Unit Test Generation Through Root-Cause-Driven Prompt Design		28-Jul	11:05	11:30
26	S	Muhammad Mudassar Yamin	VectorSec: A Web-Based AI Security Scanner for Systematic Evaluation of LLM Vulnerabilities		28-Jul	11:30	11:45
Session 4	**Test Prioritization and Test Process Improvement**		**Chair: Tatsuhiro Tsuchiya**				
78	F	Tien Duc Nguyen, Gonzalo Oberreuter, Siegfried Steckenbiller, Patrick Tkalcic and Gordon Fraser	Evaluating DL Test Adequacy Metrics: A Correlation Study with DeepCrime's Mutation Score		28-Jul	14:30	14:55
105	F	Gianmarco De Vita, Nargiz Humbatova and Paolo Tonella	Evaluating the Efficacy and Diversity of DNN Test Input Prioritisation Techniques		28-Jul	14:55	15:20
79	F	Ahmed Twabi, Yepeng Ding and Tohru Kondo	Formal Trajectory Analysis for Testing Agentic AI in Stateful Environments		28-Jul	15:20	15:45
2	S	Osama Saad, Mohamed Abdelkarim and Reem Eladawi	TE-TCP-Net: Parallel Transformer-Encoders for Test Case Prioritization		28-Jul	15:45	16:00
Session 5	**Robustness and Regression Verification**		**Chair: Ross Arnold**				
83	F	Li-Jen Lin and Chih-Duo Hong	Robustness Verification of RNN with Abstraction Refinement		29-Jul	10:15	10:40
87	F	Nayab Shahzad and Franz Wotawa	Ontology-based Testing of Reinforcement Learning Applications		29-Jul	10:40	11:05
104	F	Adiba Mahmud, Yasmeen Rawajfih and Ross Arnold	Beyond Bypass: Measuring Vulnerability Regression in LLM-Generated Security Patches		29-Jul	11:05	11:30
80	S	Vinil Pasupuleti, Srinivas Teja Songa, Nagesh Gulkotwar, Shyalendar Reddy Allala and Shrey Tyagi	Behavioral Regression Testing for Continuously Updated Machine Learning Models	Online	29-Jul	11:30	11:45
Session 6	**Domain-Specific AI Applications**		**Chair: Luciano Alessandro Ipsaro Palesi**				
89	F	Tang Phu Thien Nhan and Tomohiro Shibata	Transformer-Based Temporal Action Localization of Fine-Grained Operations in Biological Experiment Videos and Analysis of Compositional Limitations		29-Jul	15:30	15:55
107	F	Minggu Wang, Zhiyong Zhou, Fuyuan Zhang, Jianjun Zhao and Vinh Truong Duy Truong	Improving Robustness of Semantic Segmentation for Autonomous Driving: A Case Study		29-Jul	15:55	16:20
46	S	Mateus Molina, Alexander Günther and Peter Liggesmeyer	Connecting Uncertainty Quantification to Safety Engineering: Uncertainty Gate Framework for Safe ML Decision Making		29-Jul	16:20	16:35
56	S	Alena Bulda, Alexey Itkin, Daria Degtiarenko and Iosif Itkin	Passive Testing of AI-Enhanced Financial Systems via Protocol Traffic Analysis and Property-Based Validation		29-Jul	16:35	16:50
Online Session							
Session 7	**Testing and Validation of AI Systems**		**Chair: Yuhan Zhou**				
94	F	Lingling Zhang, Fen Zhao and Xin Yang	A C-SSRS-Based Risk-Aware Evaluation Framework for Self-Harm Safety in LLMs	Online	28-Jul	14:30	14:55
55	S	Michael Johnson and Khaled Slhoub	Direct Transfer Learning for Cross-Project Test Case Prioritization under Cold-Start Conditions	Online	28-Jul	14:55	15:10
61	S	Dipayan Banik, Kowshik Chowdhury and Shazibul Islam	All Smoke, No Alarm: Oracle Signals in Agent-Authored Test Code	Online	28-Jul	15:10	15:25
96	S	Lifeng Ni and Lixin Tao	Bandit-Controlled Semi-Ensemble Learning for Accuracy-Energy Trade-off Under Real-time Edge Conditions	Online	28-Jul	15:25	15:40
101	S	Johannas Meela Katikala, Kanishk Sharma, Tharun Swaminathan Ravi Kumar and Sharad Sharma	Conversational AI for Safety-Critical Virtual and Extended Reality: Intelligent Agents Across Health Informatics, Navigation, and Urban Sensing	Online	28-Jul	15:40	15:55
【Invited】AITest 1 (Invited session 2)			**Chair: Haihua Chen**				
INV16		Karthik Rengarajan, Siddharth Pokuri, and **Jerry Gao**	A Survey on Intelligent Robot Testing and Automation		27-Jul	13:45	14:30
INV07		Huyen Nguyen, Haoxuan Zhang, Yang Zhang, Haihua Chen, **Junhua Ding**	LongSumEval: Question-Answering Based Evaluation and Feedback-Driven Refinement for Long Document Summarization	Online	27-Jul	14:30	15:15
【Invited】AITest 2 (Invited session 7)			**Chair: Zhiming Zhao**				
INV17		Xiaoke Han, **Hong Zhu**	MASTEST: A LLM Empowered Multi-Agent System for Testing REST APIs		29-Jul	13:30	14:15
INV05		Nariman Mani, Amr S. Abdelfattah, Shakthi Weerasinghe, Xiaozhou Li, **Tomas Cerny**	Multi-Agent Change Impact Analysis and Test Optimization for AI-Enabled Software Systems		29-Jul	14:15	15:00