

International Symposium on Intelligent and Sustainable Management Systems (ISMS 2026)

Tashkent, Uzbekistan | October 29–31, 2026

Thursday, October 29, 2026				
Start	End	Program / Type	Speaker(s)	Affiliation / Notes

16:00	17:00	Registration		
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Friday, October 30, 2026 — Conference Room				
Start	End	Program / Type	Speaker(s)	Affiliation / Notes

09:00	09:30	Registration		
09:30	09:35	Opening Remarks	Kotomichi Matsuno, Sardor B. Donaev	
09:35	10:00	Keynote 1 — Keynote Address	TBD	Tashkent State Technical University, Uzbekistan
10:00	10:25	Keynote 2 — Keynote Address	Kiyohisa Nishiyama	Tashkent State Technical University, Uzbekistan
10:25	10:50	Keynote 3 — Keynote Address	Yuki Kinoshita	The University of Electro-Communications, Japan
10:50	11:10	Coffee Break		
11:10	11:35	Keynote 4 — Keynote Address	Manabu Sawaguchi	Ritsumeikan University, Japan
11:35	12:00	Keynote 5 — Keynote Address	Yoshikuni Edagawa	Ritsumeikan University, Japan
12:00	12:30	Editor Forum	Jingzheng Ren Kuo-Yi Lin Kotomichi Matsuno	The Hong Kong Polytechnic University, Japan Waseda University, Japan Rissho University, Japan

Parallel Technical Sessions				
20 minutes per presentation: 15 minutes presentation, 3 minutes Q&A, and 2 minutes changeover.				
For online participants, please join the Zoom meeting using the link below at least 10 minutes before your scheduled presentation time. Please note that all times listed in the program are in Tashkent time.				
https://us02web.zoom.us/j/8079098997?pwd=YlV6K1ozV2gzWk9VMEQRaGU2SjJGQT09				

Parallel Block 1 — 14:00–15:20				
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Time		Room A — Session 1: Generative AI, Multi-Agent Systems, and Knowledge Technologies			Room B — Session 2: Industrial AI and Intelligent Operations		
Start	End	ID	Presentation Title	Authors	ID	Presentation Title	Authors
14:00	14:20	ISMS2026-08	An LLM-Based Multi-Agent Simulation Framework for Pre-Deployment Evaluation of Team Formation in Project-Based Learning	Ayako Yamagiwa, Kotomichi Matsuno, Kuo-Yi Lin, Manabu Sawaguchi, Masayuki Goto	ISMS2026-03	Development of a Generative AI-Enabled Value Improvement Process Extending Procurement Cost Assessment to VE and TRIZ	Sayana Fujimuro, Manabu Ito
14:20	14:40	ISMS2026-15	Enhancing Innovation Efficiency in Industrial Enterprises Through AI-Driven Decision Support Systems	Surayyo Utamurodova	ISMS2026-05	Mapping AI-Enabled Sustainable Operations: A Multidimensional GitHub-Based Technology Intelligence Framework	Li-Chang Chao
14:40	15:00	ISMS2026-16	When AI Agents Agree Too Easily: Validating LLM-Based Multi-Agent Simulation for Collective Decision-Making	Tengfei Shao, Kotomichi Matsuno, Masayuki Goto	ISMS2026-06	МАТЕМАТИЧЕСКАЯ МОДЕЛЬ БЕЗДАТЧИКОВОЙ СИСТЕМЫ УПРАВЛЕНИЯ НАСОСНЫМ АГРЕГАТОМ НА ОСНОВЕ РАСШИРЕННОГО ФИЛЬТРА КАЛМАНА ДЛЯ ВОДООТВЕДЕНИЯ УГОЛЬНЫХ КАРЬЕРОВ	Oripov S.H., Abdullabekov I.A.
15:00	15:20	ISMS2026-18	Evaluating RAG across Literature and Structured Materials Knowledge: A Source-Grounded Benchmark for High-Entropy-Alloy Question Answering	Ta-Cheng Chen, Bo-Jun Chen	ISMS2026-12	Artificial Intelligence as an Organizational and Economic Mechanism for Improving the Efficiency of Industrial Enterprises: A Framework for Uzbekistan	Umidakhon Erkinova
15:20	15:40	Coffee Break (20 minutes)					

Parallel Block 2 — 15:40–17:20							
Time		Room A — Session 3: Risk, Quality, and Operations Analytics			Room B — Session 4: Sustainable Systems, Supply Chains, and Value Management		
Start	End	ID	Presentation Title	Authors	ID	Presentation Title	Authors
15:40	16:00	ISMS2026-01	Dynamic Changes and Regional Disparities in Population-Based Nuclear Emergency Management Burden around Nuclear Power Plants in Japan: A GIS Analysis from 2000 to 2020	Noritsugu Fujimoto	ISMS2026-02	Case Collection of Systems that Derive the Third Value in Value Engineering from the Benefits of Inconvenience	Hiroshi Kawakami
16:00	16:20	ISMS2026-07	Hybrid Multi-Objective Genetic Algorithm for the Semiconductor Photomask Inspection Scheduling Problem	Hung-Kai Wang	ISMS2026-11	A Comparative Modeling Study of Multi-Layer Hydrogen Supply Chains in Japan and France	Qian HUANG, Jolan ENGERBEAU-RICK

16:20	16:40	ISMS2026-09	Semiconductor Process Quality Anomaly Prediction Using Robust Feature Selection and Explainable Machine Learning	Po-Jui Chen, Tanaphon Loesphuwiat, Meng-Hua Li	ISMS2026-13	Digital Technologies for Reducing Technical Losses in Electricity Transmission Networks: Evidence from Uzbekistan	Allayeva Gulchexra Jalgasovna
16:40	17:00	ISMS2026-10	Multiclass Automobile Insurance Fraud Detection: A Sensor-Driven Machine Learning Approach Across Causes of Damage	Kazufumi Koike, Yuki Kinoshita	ISMS2026-14	The role of financial audit in ensuring an increase in the efficiency of the company	Yusupkhodjaeva, G. B.
17:00	17:20	Room A session concluded at 17:00			ISMS2026-17	Integrated Decision Support for Global Supply Chain Design under Multi-Carbon Cap-and-Trade Systems	Yuki Kinoshita, Miyu Kotegawa, Tetsuo Yamada

Award & Closing Session — Conference Room

17:20	17:40	Award & Closing Session
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Saturday, October 31, 2026

Field Tour (tentative)