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

Tashkent State Technical University, Tashkent, Uzbekistan, October 29–31, 2026

Thursday, October 29, 2026

Start	End	Program / Type	Speaker(s)	Affiliation / Notes
16:00	17:00		**Registration**	

Friday, October 30, 2026 — Conference Room

Start	End	Program / Type	Speaker(s)	Affiliation / Notes
09:00	09:30		**Registration**	
09:30	09:40	**Opening Remarks**	**Prof. Dr. Turabdjanov Sadritdin Makhamatdinovich**	Tashkent State Technical University (Rector), Uzbekistan / Academician of the Academy of Science of the Republic of Uzbekistan
09:40	10:05	**Keynote 1:** Developing Independent Researchers in the AI Era: From Research Ideas to Academic Publications	**Prof. Dr. Kiyohisa Nishiyama**	Tashkent State Technical University, Uzbekistan Hassou Kobo Co., Ltd.
10:05	10:30	**Keynote 2:** Towards Sustainable Repair: A Sensor-AI Decision Support System for Insurance Fraud Detection Balancing Renewable Energy, Economy, and Trust	**Prof. Dr. Yuki Kinoshita**	The University of Electro-Communications, Japan
10:30	10:55	**Keynote 3:** Designing Human-Centered Management Systems: Insights from Neuroscience into Marketing, Productivity, and Creativity	**Prof. Dr. Yoshikuni Edagawa**	Ritsumeikan University, Japan
10:55	11:15		**Coffee Break**	
11:15	11:40	**Keynote 4:** “PBL Classes” Based on VE/VM Thinking in Universities	**Prof. Dr. Manabu Sawaguchi**	Ritsumeikan University, Japan / Advisor of SJVE, Vice Chair of JTS
11:40	12:10	**Editor Forum**	**Prof. Dr. Kuo-Yi Lin** **Prof. Dr. Kotomichi Matsuno**	Waseda University, Japan / SE of ESWA, EAB of AJMSA Rissho University, Japan / EiC of AJMSA, AE of JIPE

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

Time		Room A — Session 1: AI Driven Modeling, Prediction, and Evaluation Session Chair: Hung-Kai Wang (National Tsing Hua University, Taiwan)			Room B — Session 2: Industrial AI and Intelligent Operations Session Chair: Hiroshi Kawakami (Kyoto University of Advanced Science, Japan)		
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	ISMS2026-09	Semiconductor Process Quality Anomaly Prediction Using Robust Feature Selection and Explainable Machine Learning	**Po-Jui Chen, Tanaphon Loesphuwiwat, Meng-Hua Li**	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**	ISMS2026-10	Multiclass Automobile Insurance Fraud Detection: A Sensor-Driven Machine Learning Approach Across Causes of Damage	**Kazufumi Koike, Yuki Kinoshita**
15:20	15:40	**Coffee Break**					

Parallel Block 2 — 15:40–17:20

Time		Room A — Session 3: Decision Support for Industrial and Regional Systems Session Chair: Ta-Cheng Chen (National Formosa University, Taiwan)			Room B — Session 4: Sustainable Systems, Supply Chains, and Value Management Session Chair: Tetsuo Yamada (The University of Electro-Communications, Japan)		
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	ISMS2026-12	Artificial Intelligence as an Organizational and Economic Mechanism for Improving the Efficiency of Industrial Enterprises: A Framework for Uzbekistan	**Umidakhon Erkinova**	ISMS2026-13	Digital Technologies for Reducing Technical Losses in Electricity Transmission Networks: Evidence from Uzbekistan	**Allayeva Gulchexra Jalgasovna**
16:40	17:00	ISMS2026-15	Enhancing Innovation Efficiency in Industrial Enterprises Through AI-Driven Decision Support Systems	**Surayyo Utamurodova**	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**

Saturday, October 31, 2026

09:00	12:30	**Field Tour**