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Preface

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Abstract: Technological innovation has long been a pivotal catalyst for societal advancement, subtly restructuring industrial frameworks, giving rise to a multitude of nascent sectors, igniting transformative waves across diverse fields, and fundamentally reshaping the global economic order. The rapid proliferation of cutting-edge technologies—including artificial intelligence, blockchain, and the Internet of Things—has not only revolutionised daily life and elevated living standards but also accelerated the development of intelligent urban ecosystems. Concurrently, technology management serves as a robust enabler of industrial digitalisation, ensuring that smart systems are deployed efficiently and in full compliance with regulatory standards, thereby maximising their value within structured operational processes. This symposium is designed to highlight technological innovations spanning multiple domains, with a particular emphasis on the real-world implementation of intelligent solutions in both production and everyday settings. It further aspires to establish a dynamic forum for experts, scholars, and industry leaders in economic development, management, and technological innovation to exchange cutting-edge findings, deliberate on prevailing challenges, and forge international partnerships for future collaborative endeavours in emerging technologies.

Keywords: technological innovation; intelligent technology; artificial intelligence; technology management; smart systems; nascent sectors.

1. Conference introduction

The International Symposium on Innovation and Technology Management (ISITM 2026) was successfully held from June 26 to 28, 2026, in Changsha, China. The conference brought together academics, researchers, industry professionals, and enterprise managers from around the world to engage in interdisciplinary dialogue at the intersection of innovation, technology, and management. The event focused on cutting-edge research areas encompassing innovation and technology management, with particular emphasis on technological innovation, knowledge innovation, organizational innovation, strategic technology management. Through keynote presentations, parallel sessions, participants shared their latest research findings, discussed existing challenges, and explored pathways for future collaboration.



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1.1. Scope of this conference and keynote talk list

International Symposium on Innovation and Technology Management (ISITM) focuses on the latest mainstream research fields such as innovation and technological management. It aims to provide a platform for experts, scholars, and business managers in the fields of economic development, management, and technological innovation to share research results, discuss existing problems and challenges, and explore an international cooperation and exchange platform for cutting-edge technology.

- Technological innovation
- Knowledge innovation
- Intelligent technology innovation
- The rise of emerging industries
- Cutting-edge technology
- Product innovation
- Model innovation
- Innovative application of intelligent technology
- Product performance innovation
- Management science
- Entrepreneurial management
- Administrative management
- leadership managementCustomer relationship management
- Safety management
- Strategic technology management

We have invited two keynote speakers for ISITM. The details of Keynote Speakers for the conference as follows:

Prof. Yushi Jiang, Southwest Jiaotong University

Prof. Miao Miao, Chengdu Normal University

1.2. Peer review statement

All papers published in the proceedings were presented at the ISITM, held from June 26 to 28, 2026, in Changsha, China, and underwent a rigorous peer-review process. By submitting the proceedings, the proceedings editors certify that:

Throughout the evaluation process, each manuscript was assigned to at least two specialised reviewers, who offered detailed and constructive feedback to help the authors strengthen their work. The editorial team closely monitored every stage of the review, guaranteeing impartiality, confidentiality, and adherence to the journal's quality benchmarks. The final decision on each submission was reached solely by the editors, based on the scientific rigour, novelty, and significance of the research, as well as its fit with the journal's scope. We are grateful to all referees for their dedicated service, which has been instrumental in ensuring the high standard of this issue.

Proceedings editors:

Prof. Zhong Wang, Hunan University, China

Prof. Zeshui Xu, Sichuan University, China

Type of review: single-blind review

Number of submissions received: 30

Number of submissions accepted: 11

Number of reviews received: 60

Number of reviewers: 10

Average number of reviews per paper: 2

2. Organization

2.1. Conference chairs

Prof. Zhong Wang, Hunan University, China

Prof. Zeshui Xu, Sichuan University, China

2.2. Organizing committee chairs

Assoc. Prof. Liu Yue, Hunan Agricultural University, China

2.3. Conference committee

Publication Chair

Prof. Gyu Myoung Lee, Liverpool John Moores University, UK

Technical Program Committee Chair

Prof. Andrea Appolloni, Sapienza University of Rome, ITA

Technical Program Committee

Prof. Carmen Nastase, University Stefan cel Mare of Suceava, Romania

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Prof. Giovanni Schiuma, LUM University, Italy

Prof. Ana P. Afonso, Polytechnic Institute of Porto, Portugal

Prof. Fengxiang Jiang, Xi' an Peihua University, China

Prof. Chien-Ho Ko, Environmental & Architectural Engineering University of Kansas, USA

Prof. T. Ramayah, Universiti Sains Malaysia, Malaysia

Prof. Zeshui Xu, Sichuan University, China

Prof. Feng Yuan, Shandong Management University, China

Assoc. Prof. Bo Huang, Hunan University of Finance and Economics, China

Assoc. Prof. Jing Zhao, Zhengzhou University of Aeronautics, China

Assoc. Prof. Hongjin Zhao, Hunan Women's University, China

Assoc. Prof. Dianxi Hu, Anhui University of Finance and Economics, China

Acknowledgments

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Committee and the Technical Program Committee, whose tireless efforts in coordinating the review process, managing submissions, and organizing the symposium schedule ensured a smooth and productive event.

We deeply appreciate the dedication and professionalism of all the reviewers, who, despite their busy schedules, provided thorough and constructive evaluations that significantly improved the quality of the accepted papers. Their critical insights and timely feedback were indispensable to maintaining the high standards of this publication. We also wish to thank all the authors for sharing their original research and for their patience and cooperation during the revision and editing stages. Without their scholarly contributions, this collection would not have been possible.

Finally, we acknowledge the support of the International Association of Education, Teaching and Teacher Development, as well as the local hosts in Changsha, for providing the necessary resources and facilities that made ISITM 2026 a memorable and successful gathering. We look forward to future collaborations and continued progress in the field of innovation and technology management.