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Catalog numbers
- ISBN:
- ISSN (Online):

Conference Venue: Chaoyang University of Technology, Taichung, Taiwan

Sponsors: Chaoyang University of Technology, University of Aizu, Iwate Prefectural University, Madanapalle Institute of Technology and Sciences, and Hanyang University.

Scope: Multimedia technologies facilitate the creation of a global information infrastructure for acquiring, storing, and communicating data in different forms. The proliferation of multimedia applications raises challenges such as multimedia security and privacy, big data in multimedia, and intelligence in multimedia processing. This conference, established in Melbourne, Australia in 2005 (paper series Springer), and co-founded by Professor Jeng-Shyang Pan of Kaohsiung University of Applied Science and Technology and Professor Lakhmi C. Jain of the University of South Australia, has since been held in various countries. The 21st International Conference on Intelligent Information Hiding and Multimedia Signal Processing (IIHMSP 2025) provides a forum for researchers, engineers, and scientists to discuss a wide range of topics, including information hiding, multimedia signal processing, the application of artificial intelligence in multimedia and signal processing, and information technology. This diversity ensures that all our attendees will find topics of interest and have the opportunity to exchange the latest research outcomes. Topics of interest include, but are **not limited** to, the following:

Track I: Information Hiding and Security:
- Watermarking: techniques, attacks, protocols, applications
- Steganography and steganalysis: techniques, protocols, applications
- Cryptography and cryptanalysis: techniques, protocols, applications
- Data authentication issues and access control themes
- Broadcast and public key encryption
- Forensic analysis and tracing traitors
- Digital rights management and legal aspect
- RFID security and home network privacy
- Platform integrity and trusted computing
- Systems engineering and development for information hiding & security
- ASIC/FPGA/GPGPU design and implementation for information hiding & security
- Enabling technologies and emerging standards for information hiding & security

Track II: Multimedia Signal Processing and Networking:
- Multimedia sensing and sensory systems
- Multimedia source coding and channel coding
- Multimedia signal analysis and visualization
- Multimedia signal mining and data fusion
- Wired and wireless Multimedia networking and communication techniques
- Multimedia/multimodal signal interpretation and automatic recognition
- Multimedia databases and retrievals
- Multimedia hyperlink techniques and applications
- Advances in multimedia content description interfaces
- Multimedia big data
- Systems engineering and development for multimedia systems
- Enabling technologies and emerging standards for multimedia systems

Track III: Bio-Inspired Multimedia Technologies and Systems:
- Artificial neural networks for multimedia processing: models, learning paradigms, architectures, and implementations
- Fuzzy systems and evolutionary computing for intelligent multimedia processing
- Human-machine multimodal interaction: e.g., face/speech recognition, facial expression and emotion categorization, gesture analysis and recognition, etc.

Track IV: Information and Computer Technology:
- Artificial intelligence, computer vision, deep learning, and big data technology
- Cloud computing, edge computing, and AIoT technology
- Any other topic about information and computer technology is welcome. For example, computer algorithms, data mining, graph algorithms, computer architecture, other computer-related areas, etc.

Important dates
- June 30, 2025:   Deadline for paper submission
- July 30, 2025:   Notification of paper acceptance
- August 15, 2025:   Submission of final camera-ready papers
- September 01, 2025:   Deadline for registration

Paper Submission and Publication
Papers reporting original and unpublished research results on the above and related topics are solicited. For detailed paper format and submission instructions, please visit the conference website. The conference proceedings will be published in the book series of *Smart Innovation, Systems and Technologies* by *Springer*. In addition, the similarity of submission paper must be less than 20% according to Springer recommended rule. Normally, papers in this series are indexed by EI and Scopus.

Paper Submission Website: http://eform.iis.sinica.edu.tw/url/iihmsp2025/submit