IIHMSP-2024 Call for Paper

The 20th International Conference on Intelligent Information Hiding and Multimedia Signal Processing

October 4-6, 2024, Matsue, Japan

Honorary Chairs

Lakhmi C. Jain, University of South Australia, Australia

Chin-Chen Chang, Feng Chia University, Taiwan

Jhing-Fa Wang, National Cheng Kung University, Taiwan

Advisory Committee Chairs

Vaclav Snasel, Technical University of Ostrava, Czech Republic

Yao Zhao, Beijing Jiaotong University, China

Kebin Jia, Beijing University of Technology, China

Tzu-Chuen Lu, Chaoyang University of Technology, Taiwan

Conference Chairs

Junzo Watada, Waseda University and Shimonoseki City University, Japan

Jeng-Shyang Pan, Nanjing University of Information Science and Technology, China

Ching-Nung Yang, National Dong Hwa University, Taiwan

Dong Seog Han, Kyungpook National University, Korea

Program Committee Chairs

Naruki Shirahama, Shimonoseki City University, Japan

Isao Echizen, National Institute of Informatics, Japan

Chin-Shiuh Shieh, National Kaohsiung University of Science and Technology, Taiwan

Tien-Wen Sung, Fujian University of Technology, China

Program Committee Co-Chairs

Shaowei Weng, Fujian University of Technology, China

Anand Paul, Kyungpook National University, Korea

Publication Chairs

Shih-Pang Tseng, Changzhou College of Information Technology, China

Pei Hu, Shandong University of Science and Technology, China

Finance Chair

Yun-Chi Huang, Taiwan Ubiquitous Information Co., Ltd

Local Organizing Chairs

Yoshiyuki Matsumoto, Shimonoseki City University, Japan

Iori Nakaoka, Shimonoseki City University, Japan

Contact Us

URL: https://iihmsp24.github.io, http://bit.nkust.edu.tw/~iihmsp24

Email: iihmsp24@gmail.com

Sponsors

Themes

Multimedia technologies facilitate the creation of global information infrastructure for acquiring, storing, communicating data with different forms. Proliferation of multimedia applications raises challenges such as multimedia security and privacy, big data in multimedia, and intelligence in multimedia processing. IIHMSP-2024 is an annual event serving as international forums for researchers and practitioners from information hiding and multimedia signal processing to exchange latest research outcomes. We invite submissions of original research papers for the conference tracks: Topics of interest include, but not to limited to:

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.

Paper Submissions

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.

Important Dates

Paper submission deadline: August 15, 2024 (extended)

Acceptance notification: August 20, 2024 (extended)

Registration & Camera-ready papers due: August 30, 2024 (extended)

Publication

The conference proceedings will be published in the book series of *Smart Innovation, Systems and Technologies* by Springer. Normally, papers in this series are indexed by EI and Scopus.