

IEEE International Symposium on Machine Learning and Media Computing (MLMC 2025)

Harbin, Heilongjiang, China
July 26-28, 2025



The 2025 IEEE International Symposium on Machine Learning and Media Computing (MLMC 2025) is the flagship conference of the IEEE Systems, Man, and Cybernetics Society. It aims to provide an international forum for researchers and educators to learn, share knowledge, report most recent innovations and developments, and promote exchange of ideas and advances in all aspects of machine learning and media computing. MLMC 2025 will be held in Harbin, Heilongjiang, China, on July 26-28, 2025. The Symposium will showcase high quality oral presentations and special sessions sponsored by IEEE SMC and Harbin Institute of Technology. In MLMC 2025, exceptional papers and contributors will be selected and recognized with prestigious awards.

Topics of interest include (but not limited to)

- Advanced machine learning theory
- General machine learning and applications
- Reinforcement learning and optimizations
- Probabilistic Modelling
- Artificial neural network architectures, optimization and algorithms
- Deep learning for media computing
- Trustworthy and/or explainable AI
- Datasets and Benchmarks
- Media Interpretation and Understanding
- 3D media, AR/VR and immersive media
- Machine learning based media compression
- Media quality assessment model and metrics
- Media communication, security, privacy and forensics
- Multi-modal media computing, interaction, and human-machine interaction
- Emerging learning theory and optimizations
- Emerging media computing technologies
- Emerging learning based media applications

Important Dates

- **Special Session Proposals**
15 Dec 2024
- **Tutorial Proposals**
15 Dec 2024
- **Special Session Proposal Acceptance Notification**
1 Jan 2025
- **Tutorial Proposal Acceptance Notification**
1 Jan 2025
- **Paper Submissions Deadline**
1 Apr 2025
15 Apr 2025
- **Paper Acceptance Notification**
15 May 2025
- **Final Paper Submission Deadline**
30 May 2025
- **Author Registration Deadline**
15 July 2025

Journal Paper Presentation

Authors of papers published from 2024-2025 in all IEEE Systems, Man, and Cybernetics Society fully owned journals as well as in IEEE TPAMI, IEEE TIP, IEEE TMM, IEEE TCSVT, IEEE TIFS, IEEE TSP will be given the opportunity to present their works at MLMC 2025, subject to space availability and approval by the Technical Program Committee.

Proposal, Paper Submission & Publication

Tutorial and special session proposals must include a title, outline, contact, biography and invited papers/participants. Authors are invited to submit original and unpublished research work with website <https://cmt3.research.microsoft.com/MLMC2025>. All accepted papers will be published in IEEE Xplore. Instructions for preparation and conference information are available on MLMC2025 website <http://codecsiat.ac.cn/mlmc.html>. Contact email: MLMC2025Committee@gmail.com.

Call for Papers



Advisory Chairs

Prof. Sam Kwong (Lingnan University, China SAR)
Prof. Witold Pedrycz (University of Alberta Canada)
Prof. Xizhao Wang (Shenzhen University, China)

General Chairs

Prof. Long Xu (Ningbo University, China)
Dr. Ran Wang (Shenzhen University, China)

Honorary and General Chairs

Prof. C. C. Jay Kuo (University of Southern California, USA)
Prof. Weisi Lin (Nanyang Technological University, Singapore)
Prof. Nam Ling (Santa Clara University, USA)
Prof. Hongli Zhang (Harbin Institute of Technology, China)

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Prof. Yun Zhang (Sun Yat-Sen University, China)
Prof. Tiesong Zhao (Fuzhou University, China)

Local Organization Chair

Prof. Guopu Zhu (Harbin Institute of Technology, China)

Tutorial Chairs

Prof. Runmin Cong (Shandong University, China)
Prof. Yo-Sung Ho (GIST, South Korea)

Publication Chairs

Prof. Zhaoqing Pan (Tianjin University, China)
Dr. Feng Liu (Melbourne University, Australia)

Special Sessions Chairs

Prof. Hui Yuan (Shandong University, China)
Prof. Raouf Hamzaoui (De Montfort University, UK)

Awards and Innovation Chairs

Prof. Wing W. Y. Ng (South China University of Technology, China)
Dr. Sudeng Hu (Apple, USA)

Finance and Registration Chairs

Dr. Wenhui Wu (Shenzhen University, China)
Dr. Hua Li (Hainan University, China)

Publicity Chairs

Dr. Linwei Zhu (SIAT/CAS, China)
Dr. Xu Wang (Shenzhen University, China)