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Chongqing, China
March 19-21, 2027

2027 International Conference on Machine Learning and Cognitive Computing

Welcome you to the 2027 International Conference on Machine Learning and Cognitive Computing (MLCC), which will be held in **Chongqing (China)**, from **March 19-21, 2027**. It is sponsored by **Chongqing University of Posts and Telecommunications, hosted by School of Artificial Intelligence (CQUPT).**

This is an annual forum for the exchange of ideas and recent advances in innovative antenna technologies. It particularly focuses on machine learning and cognitive computing. At MLCC, all presentations are delivered by leading researchers and professors, ensuring a high-quality and focused technical programme. It also places strong emphasis on oral/poster presentations, providing authors with valuable opportunities to interact closely with leading experts and researchers in their fields.

CALL FOR PAPERS

Fundamental Theories

- Fundamental Theories and Algorithms of Machine
- Learning
- Data Mining and Big Data Analysis
- Knowledge Discovery and Representations
- Feature Engineering and Representation Learning
- Traditional Machine Learning and Ensemble Learning
- Deep Learning and Neural Networks
- Transfer Learning and Knowledge Distillation
- Adversarial Machine Learning
- Trustworthy Computing and Explainable AI
- Federated Learning and Distributed Machine Learning
- Secure Computing and Privacy Protection

Application Systems

- Recommendation Systems and Personalized Services
- Social Network Analysis
- Anomaly Detection and Fault Diagnosis
- Intelligent Control and Optimal Control
- Robotic Learning and Autonomous Systems
- Industrial Intelligence and Smart Manufacturing
- Industrial Big Data Application Practice
- Agriculture Intelligence and Smart Farming
- Intelligent Transportation and Autonomous Driving
- Smart City and Cognitive City
- Environmental Big Data Analysis

Emerging Paradigms

- Digital Twins and Virtual Simulation
- Metaverse and Immersive Computing
- Computational Modeling and Simulation
- Blockchain and Trusted Computing
- Granular Ball Computing

Perception and Cognition

- Human-Machine Interaction
- Internet of Things and Intelligent Sensing
- Intelligent Perception and Pattern Recognition
- Multimodal Learning and Cross-Modal Analysis
- Computer Vision and Image Understanding
- Object Location and Object Detection
- Natural Language Processing and Speech Recognition
- Human-Computer Dialogues and Narrative Generation
- Knowledge Graphs and Semantic Understanding
- Affective Computing and Semantic Analysis

Computing Architecture

- Cloud Computing and Edge Computing
- Distributed and High-Performance Computing
- High-Performance Networking and Communications
- Quantum Computing and Quantum Machine Learning
- Neuromorphic Computing and Brain-Inspired Intelligence
- In-Memory Computing and Near-Data Processing
- Intelligent Chips and Hardware Acceleration
- Novel Memory Architectures and Systems

Data Processing

- Graph Data and Network Analysis
- Matrix Computation and Tensor Analysis
- Unstructured Data Processing
- Data Visualization and Interaction
- Time Series Analysis and Predictive Modeling
- Spatial Data and Geo-Computation
- Data Governance and Quality Management
- Data Security and Privacy Protection

More information, please visit: *https://www.mlcc.net/cfp.html*

SUBMISSION

1. Full Paper (publication and presentation)
2. Abstract (presentation only)

For full paper, please upload it to the Electronic Submission System (.pdf) *https://easychair.org/conferences/?conf=mlcc2027*

For abstract, please send it to *mlcc_conf@vip.163.com.*

More detail about submission, please visit at: *https://www.mlcc.net/sub.html*

CONFERENCE VENUE

重庆邮电大学文峰学术交流中心酒店 （Wenfeng Academic Exchange Center Hotel）

Address: Training Center, No. 2 Chongwen Road, Nanshan Subdistrict, Nan'an District, Chongqing, China

IMPORTANT DATES

Deadline of Paper Submission:
November 30, 2026

Notification of Acceptance:
December 30, 2026

Author Registration Deadline:
Janaury 15, 2027

CONFERENCE AWARD

Best Paper Awards
Best Student Paper Awards

CONFERENCE PROGRAM

Day 1 March 19, 2027

10:00 am-05:00 pm
Sign- in and Materials Collection

Day 2 March 20, 2027

09:00 am-12:00 pm
Opening Ceremony & Keynote Speeches
12:00 pm-01:30 pm
Conference Lunch
01:30 pm-06:00 pm
Parallel Sessions (Authors' Presentation)
07:00 pm-09:00 pm
Banquet & Award Ceremony

Day 3 March 21, 2027

09:00 am-04:00 pm
Parallel Sessions (Authors' Presentation)

CONTACT US

Conference Secretary: Ms. Ching Cao
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Sponsor 重庆邮电大学 CHONGQING UNIVERSITY OF POSTS AND TELECOMMUNICATIONS

Host 重庆邮电大学人工智能学院 School of Artificial Intelligence, Chongqing University of Posts and Telecommunications

Chongqing, China
中国 • 重庆 2027年3月19日-21日

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2027年机器学习与认知计算国际会议

2027 International Conference on Machine Learning and Cognitive Computing (MLCC)

欢迎参加将于2027年3月19日至21日在中国重庆举行的2027年机器学习与认知计算国际会议（MLCC）。会议由重庆邮电大学主办，重庆邮电大学人工智能学院承办。

会议面向国内外同行征集计算机，机器学习，认知计算领域的学术论文，任何促进该研究领域发展，进步和应用的相关成果都属于正文范畴。同时，会议鼓励探讨本领域研究热点，长远规划和学科前沿的论文投稿。欢迎从事相关专业的专家学者、科研人员、高校师。应征论文必须论点鲜明、论据充分、数据可靠、文字流畅、图表清楚，论文必须为全英文，文章需至少5页。

征稿主题

基本理论

- 机器学习的基本理论与算法
- 数据挖掘与大数据分析
- 知识发现与表示
- 特征工程与表示学习
- 传统机器学习与集成学习
- 深度学习与神经网络
- 迁移学习与知识蒸馏
- 对抗性机器学习
- 可信计算与可解释人工智能
- 联邦学习与分布式机器学习
- 安全计算与隐私保护

应用系统

- 推荐系统与个性化服务
- 社交网络分析
- 异常检测与故障诊断
- 智能控制与最优控制
- 机器人学习与自主系统
- 工业智能化与智能制造
- 工业大数据应用实践
- 农业智能化与智慧农业
- 智能交通与自动驾驶
- 智慧城市与认知城市
- 环境大数据分析

新兴范式

- 数字孪生与虚拟仿真
- 元宇宙与沉浸式计算
- 计算建模与仿真
- 区块链与可信计算
- 细粒度球形计算

感知和认知

- 人机交互
- 物联网与智能感知
- 智能感知与模式识别
- 多模态学习与跨模态分析
- 计算机视觉与图像理解
- 目标定位与目标检测
- 自然语言处理与语音识别
- 人机对话与叙事生成
- 知识图谱与语义理解
- 情感计算与语义分析

计算机功能结构

- 云计算与边缘计算
- 分布式与高性能计算
- 高性能网络与通信
- 量子计算与量子机器学习
- 神经形态计算与脑启发智能
- 内存计算与近数据处理
- 智能芯片与硬件加速
- 新型存储架构与系统

数据处理

- 图数据与网络分析
- 矩阵计算与张量分析
- 非结构化数据处理
- 数据可视化与交互
- 时间序列分析与预测建模
- 空间数据与地理计算
- 数据治理与质量管理
- 数据安全与隐私保护

更多信息，请访问会议官网: *https://www.mlcc.net/cfp.html*

投稿方式

1. 全文 Full Paper (publication and presentation)
2. 摘要 Abstract (presentation only)

全文投稿，请投递PDF格式到会议官网 (.pdf) *https://easychair.org/conferences/?conf=mlcc2027*
摘要投稿，可直接发送稿件到会议邮箱： *mlcc_conf@vip.163.com.*
更多信息，请访问会议官网 *https://www.mlcc.net/sub.html*

会议地点

重庆邮电大学文峰学术交流中心酒店 （Wenfeng Academic Exchange Center Hotel）
地址：重庆市南岸区南山街道崇文路2号训练中心

重要日期

投稿截止日:
2026年11月30日

通知发送日:
2026年12月30日

注册截止日:
2027年1月15日

会议奖项

Best Paper Awards
最佳论文奖
Best Student Paper Awards
最佳学生论文奖

会议日程

Day 1 2027.03.19

10:00 am-05:00 pm
会议签到

Day 2 2027.03.20

09:00 am-12:00 pm
会议开幕式、专家报告
12:00 pm-01:30 pm
会议午餐
01:30 pm-06:00 pm
平行分会 (作者口头/海报报告)
07:00 pm-09:00 pm
会议晚宴及颁奖

Day 3 2027.03.21

09:00 am-04:00 pm
平行分会 (作者口头/海报报告)

联系我们

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Sponsor 主办方 重庆邮电大学 CHONGQING UNIVERSITY OF POSTS AND TELECOMMUNICATIONS

Host 承办方 重庆邮电大学人工智能学院 School of Artificial Intelligence, Chongqing University of Posts and Telecommunications