

ISAI 2027 the 7th International Symposium on AI

April 23-25, 2027

Chengdu, China

www.isai.org

Important Date

- Paper Submission Deadline: December 5, 2026
- Paper Decision Notification: January 5, 2027
- Abstract Submission Deadline: December 5, 2026
- Abstract Decision Notification: 10 working days
- Camera-Ready / Registration Deadline: January 20, 2027
- Conference Dates: April 23-25, 2027

CALL FOR PAPER

Topics of interest include, but are not limited to:

Track 1. AI and Machine Learning Advances

Deep & Reinforcement Learning

- Transformer Models & Attention Mechanisms
- Meta-Learning & Few-Shot Learning
- Self-Supervised Learning
- Neural Architecture Search (NAS)

Explainable & Trustworthy AI

- Interpretability in Deep Learning
- Bias and Fairness in AI Systems
- AI Accountability & Regulation
- Robustness & Adversarial Defense

Optimization & Scalability

- Distributed & Federated Learning
- Quantum Machine Learning
- TinyML & Edge AI
- Energy-Efficient AI

Track 2. Intelligent Systems for Cybersecurity & Data Science

AI-Driven Security Solutions

- Zero-Day Attack Detection with AI
- AI in Malware & Phishing Detection
- AI for Network Intrusion Detection
- Secure Multi-Agent Systems

Privacy & Trust in AI

- Homomorphic Encryption & AI
- Differential Privacy in ML
- AI for Anomaly Detection
- Federated Learning for Privacy

Big Data & AI Integration

- AI for Real-Time Stream Processing
- Graph Neural Networks for Data Mining
- AI in Cloud & Edge Data Analytics
- Scalable AI for IoT Data

Track 3. Natural Language Processing and Cognitive Computing

Large Language Models (LLMs) & Beyond

- Multimodal & Embodied AI
- Retrieval-Augmented Generation (RAG)
- AI for Low-Resource Languages
- LLM Fine-Tuning & Optimization

Knowledge & Reasoning Systems

- Neuro-Symbolic AI Integration
- Automated Knowledge Graph Construction
- Commonsense Reasoning in AI
- AI for Legal Document Analysis

Speech & Human-AI Interaction

- Emotion & Sentiment Recognition
- Conversational AI & Chatbots
- AI in Virtual & Augmented Reality
- Accessibility Technologies with NLP

Track 4. AI for Industrial and Real-World Applications

AI in Healthcare & Life Sciences

- Medical Imaging & Diagnostics
- AI for Drug Discovery
- Predictive Healthcare Analytics
- AI in Genomics & Precision Medicine

Autonomous & Robotic Systems

- Self-Driving Vehicles & Drones
- AI for Industrial Robotics
- Swarm Intelligence
- Human-Robot Collaboration

AI for Smart & Sustainable Systems

- AI in Energy Grid Optimization
- Climate Modeling with AI
- AI for Agriculture & Food Security
- Smart Manufacturing & Industry 4.0

ISAI 2027, 2027 the 7th International Symposium on AI. It's an event on research related to learning and reasoning in the presence of AI. ISAI 2027 will be held in Chengdu, China, on April 23-25, 2027.

The conference is sponsored by the Sichuan Institute of Electronics. It is co-hosted by Southwest Jiaotong University and University of Electronic Science and Technology of China, with Youth Talent Work Committee of the Sichuan Institute of Electronics and Xihua University serving as the host organizers. Technical patronage is provided by the Key Lab of Cloud Computing & Intelligent Technology, Sichuan Province.

We solicit submission of papers which describe novel theory, methodology and applications related to AI. We welcome submissions by authors who are new to the ISAI 2027 conference, or on new and emerging topics. We also encourage submissions on applications, especially those that inspire new methodologies or novel combinations of existing methodologies.

ISAI 2027 keeps working on itself as an event whose aim is to provide this chance and platform for the researchers from academia, industry, and government institutions to exchange and present the novel research on artificial intelligence.

We sincerely invite you to participate in ISAI 2027 in Chengdu!

Call for Special sessions

Scope and Rationale: The session will focus on the governance, risk, and financial impact of AI systems, with particular attention to auditability, regulatory alignment, and decision accountability.

The objective is to bridge technical AI development with financial control, compliance, and risk management frameworks.

Indicative Topics

Auditability and traceability of large language models
AI risk quantification and model uncertainty assessment
Financial impact analysis of AI deployment in enterprises
AI governance frameworks aligned with COSO, OECD, and regulatory standards
Fraud detection and forensic analytics using AI
Accountability in agentic and autonomous AI systems
AI in financial reporting, valuation, and regulatory technology

Publication

Accepted and presented papers can be included into conference proceedings.

Submission

Papers submitted to the conference should be in English and within 4-12 pages.

- Accepted Full Paper will be invited to give the presentation at the conference and it'll be published in the conference proceedings.

- Accepted Abstract will be invited to give the oral presentation at the conference, but the presentation WILL NOT be published.

→ Submission System: <https://www.zmeeting.org/submission/isai2027>

*Paper Template: <https://isai.org/instruct8.5x11x2.doc>

More detail about submission, please via <https://isai.org/sub.html>

Conference Schedule

Day 1, 23 April, 2027	10:00 - 17:00 14:30 - 15:00	Registration & Online Zoom Test Academic Visiting
Day 2, 24 April, 2027	09:00 - 18:30	Opening Remarks & Keynote Speech & Parallel Sessions
Day 3, 25 April, 2027	09:00 - 15:30	Parallel Sessions

Chengdu, the capital of China's southwest Sichuan Province, is famed for being the home of cute giant pandas. Located in the west of Sichuan Basin and in the center of Chengdu Plain, the city covers a total area of 12.3 thousand square kilometres (4,749 square miles) with a population of over 11 million. Benefiting from Dujiangyan Irrigation Project which was constructed in 256 B.C., Sichuan Province is reputed as the Heavenly State, Tian Fu Zhi Guo in Chinese, literally a place richly endowed with natural resources. Chengdu, as the capital, is extremely productive. The Min and Tuo Rivers, two branches of the Yangtze River, connected to 40 other rivers, supply an irrigation area of more than 700 square kilometres (270.27 square miles) with 150-180 million kilowatts of water. Consisting of abundant mineral resources, the land is extremely fertile.

CONTACT

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Work Hour: 10:00 - 17:00 (Monday to Friday)

WeChat: iconf-ras send message "ISAI 2027"



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ISAI 2027年第7届人工智能国际研讨会

2027年4月23-25日

四川成都

www.isai.org

Important Date

- ★ 论文提交截止日期：2026年12月5日
- ★ 论文录用通知日期：2027年1月5日
- ★ 摘要提交截止日期：2026年12月5日
- ★ 摘要录用通知日期：10个工作日内
- ★ 终稿/注册截止日期：2027年1月20日
- ★ 会议日期：2027年4月23-25日

征稿主题

Track 1 / 人工智能与机器学习的进展

深度与强化学习

- 变换器模型与注意力机制
- 元学习与小样本学习
- 自监督学习
- 神经架构搜索 (NAS)

可解释且值得信赖的人工智能

- 深度学习中的可解释性
- 人工智能系统中的偏差与公平性
- 人工智能的问责制与监管
- 鲁棒性与对抗性防御

优化与可扩展性

- 分布式与联邦学习
- 量子机器学习
- 微小机器学习 (TinyML) 与边缘人工智能
- 节能型人工智能

Track 2 / 用于网络安全和数据科学的智能系统

人工智能驱动的安全解决方案

- 利用人工智能进行零日攻击检测
- 人工智能在恶意软件和网络钓鱼检测中的应用
- 用于网络入侵检测的人工智能
- 安全的多智能体系统

人工智能中的隐私与信任

- 同态加密与人工智能
- 机器学习中的差分隐私
- 用于异常检测的人工智能
- 保护隐私的联邦学习

大数据与人工智能集成

- 用于实时流处理的人工智能
- 用于数据挖掘的图神经网络
- 云计算和边缘数据分析中的人工智能
- 适用于物联网数据的可扩展人工智能

Track 3 / 自然语言处理与认知计算

大语言模型 (LLMs) 及前沿发展

- 多模态与具身人工智能
- 检索增强生成 (RAG)
- 用于低资源语言的人工智能
- 大语言模型的微调与优化

知识与推理系统

- 神经符号人工智能的整合
- 自动化知识图谱构建
- 人工智能中的常识推理
- 用于法律文档分析的人工智能

语音与人类-人工智能交互

- 情感与情绪识别
- 对话式人工智能与聊天机器人
- 虚拟现实与增强现实中的人工智能
- 基于自然语言处理的无障碍技术

Track 4 / 用于工业及现实世界应用场景的人工智能

人工智能在医疗保健与生命科学领域的应用

- 医学成像与诊断
- 用于药物研发的人工智能技术
- 预测性医疗保健分析
- 人工智能在基因组学与精准医学中的应用

自主与机器人系统

- 自动驾驶汽车与无人机
- 应用于工业机器人的人工智能技术
- 群体智能
- 人机协作

用于智能与可持续发展系统的人工智能

- 人工智能在电网优化中的应用
- 利用人工智能进行气候建模
- 人工智能在农业与粮食安全领域的应用
- 智能制造与工业 4.0

更多征稿主题，请参照：<https://isai.org/cfp.html>

ISAI 2027, 即2027年第七届国际人工智能研讨会, 是一个聚焦人工智能领域学习与推理研究的相关学术活动。ISAI 2027将于2027年4月23日至25日在中国成都举行。

本次会议由四川省电子学会主办, 西南交通大学和电子科技大学联合协办, 四川省电子学会青年人才工作委员会与西华大学共同担任承办单位。技术支持由四川省云计算与智能技术重点实验室提供。

我们征集描述人工智能相关新颖理论、方法论及应用方面的论文。我们欢迎首次投稿ISAI 2027的作者, 或围绕新兴主题投稿的作者。我们也鼓励提交应用类论文, 特别是那些能启发新方法论或对现有方法论进行新颖组合的研究。

ISAI 2027致力于为来自学术界、产业界和政府机构的研究人员提供一个交流和展示人工智能前沿研究的平台与机会。

我们诚挚邀请您参加在成都举办的ISAI 2027!

专题分会征稿

专题分会范围与主旨: 本专题分会将聚焦人工智能系统的治理、风险及财务影响, 特别关注可审计性、监管一致性及决策问责机制。其目标是在人工智能技术开发与财务控制、合规及风险管理框架之间搭建桥梁。

主题方向

- 大语言模型的可审计性与可追溯性
- AI风险量化与模型不确定性评估
- AI在企业部署中的财务影响分析
- 符合COSO、OECD及监管标准的AI治理框架
- 基于AI的欺诈检测与取证分析
- 智能体及自主AI系统中的问责机制
- AI在财务报告、估值及监管科技中的应用

会议出版

录用并已作报告的论文可被收录至会议论文集。

投稿方式

会议只接受英文论文, 我们将根据您的文章主题, 提交相关领域的专家审稿。全文投稿: 投稿文章页数需在4-12页内, 录用文章作者需在会议上做口头或海报报告, 文章将发表至论文集。

摘要投稿: 请直接投递摘要, 摘要投稿仅做报告, 不会被发表出版。

投稿链接: <https://www.zmeeting.org/submission/isai2027>

文章模板: <https://isai.org/instruct8.5x11x2.doc>

详细信息请见---<https://isai.org/sub.html>

会议日程

2027年4月23日	10:00 - 17:00	注册及线上Zoom测试
	14:30 - 15:00	学术参观
2027年4月24日	9:00 - 18:30	开幕致辞、主旨报告及平行分会
2027年4月25日	9:00 - 15:30	平行分会

成都是中国西南部四川省的省会, 以可爱大熊猫的故乡而闻名。该市位于四川盆地西部、成都平原中心, 总面积约1.23万平方公里, 人口超过1100万。

得益于公元前256年建造的都江堰水利工程, 四川省被誉为“天府之国”, 意指自然资源富饶之地。成都作为省会, 物产极为丰富。长江的两条支流——岷江与沱江, 与另外40条河流相连, 灌溉面积超过700平方公里, 水流量达1.5至1.8亿千瓦。加之丰富的矿产资源, 使这片土地极为肥沃。

CONTACT

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工作时间: 周一至周五 10:00 - 17:00

会议微信: 搜索“iconf-ras”并发送ISAI 2027

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