

13th Logic in AI

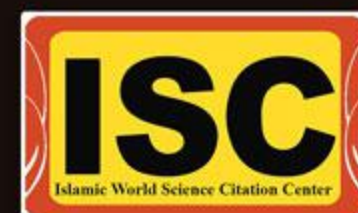
The 13th Annual Conference of
the Iranian Association for Logic



**Iranian Association
for Logic (IALogic)**



**Iran University of
Science and Technology**



❖ Conference Topics:

Theoretical Approaches:

- Modern Logic (Mathematical and Philosophical)
- Traditional Logic
- Comparative Logic
- Informal Logic
- Philosophy of Logic

Applied Approaches:

- History of Logic
- Education of Logic
- Analytic and Linguistic Philosophy
- Scientific Methodology
- Critical Thinking

❖ Special Section's Topics:

Logic in Artificial Intelligence:

- Logic in Autonomous Systems
- Human-Robot Interaction Model with a Logical Approach
- Non-classical Logics in Machine Learning
- Explainable AI (XAI: Neuro-Symbolic Integration)
- Description Logics and Knowledge Representation
- Logic and Semantic Web
- Multi-Agent Reasoning
- Generative AI Reasoning Models
- Argumentation Mining
- Machine Thinking
- Logic for Ethical/Legal-based AI Frameworks
- Validation and Verification of Artificial Intelligence Systems with Logic
- Application of Extended Logics in Dynamic Environments

❖ Scientific Directors:

- Minaei-Bidgoli, Behrouz
- Roshandel Tavana, Nazanin

❖ Executive Director:

- Ardeshir Larijani, Ebrahim

❖ Invited Speakers: (From A to Z)

Abraham, Ajith / Sai University of India
Béziau, Jean-Yves / University of Brazil
Brattka, Vasco / University of the Bundeswehr Munich
Macpherson, Dugald / University of Leeds
Yang, Yue / National University of Singapore (NUS)

❖ Scientific Committee: (From A to Z)

- Alaeiyan, Mehdi
- Amirkhani, Mahnaz
- Ardeshir Larijani, Ebrahim
- Bahrami, Saeedeh
- Dastafshan, Alireza
- Eslami, Esfandiar
- Ghari, Meghdad
- Hosseini, Seyed Hassan
- Minaei-Bidgoli, Behrouz
- Mozayani, Nasser
- Roshandel Tavana, Nazanin
- Seraji, Payam

February 16-17, 2026

Artificial Intelligence and Robotics Group, Faculty of Computer
Engineering, Iran University of Science and Technology

❖ Submission Deadline: Jan 10, 2025 Dec. 21, 2025

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🌐 <https://ialogic.ir>