



ICAI
First International Conference on
Artificial Intelligence

Faculty of Computer Science and Engineering, Shahid Beheshti University

CALL FOR PAPERS – The First International Conference on Artificial Intelligence

The Faculty of Computer Science and Engineering at Shahid Beheshti University will host the first Artificial Intelligence Conference in February 2024. Researchers, academicians, and industry professionals are invited to submit papers and participate in the conference. By sharing their research findings and practical applications, participants will enhance the conference's value and effectiveness in achieving its goals. Selected papers from the conference will be published in *the Journal of Innovations in Computer Science and Engineering*.

Scientific fields

The International Artificial Intelligence Conference will review papers in the following branches and select them for publication in the proceedings.

- Image processing and Machine Vision
- Text and Natural Language Processing
- Voice and Speech Processing
- Knowledge Representation and Reasoning (Knowledge Engineering)
- Robotic
- Machine Learning Algorithms and Applications
- Cognitive Science and Computational Neuroscience
- Artificial Intelligence in Games
- Artificial Intelligence Hardware Platforms
- Data Mining
- Bioinformatics
- Applications of AI in Humanities and Social Sciences
- Applications of AI in Health
- Applications of AI in Other fields of Engineering

Conference Goals and Focus Areas

- Providing an opportunity to present and exchange the latest innovations, advancements, and research achievements in the field of artificial intelligence, focusing on the use of emerging AI technologies including deep learning, deep reinforcement learning, interpretable AI, responsible AI, generative AI, knowledge distillation, imitation learning, and large language models.
- Exploring the horizons of AI application in all sectors of society, including education and research, humanities and social sciences, healthcare, finance and economics, defense industries, manufacturing industries, and entertainment and gaming product industries.
- Offering a forum to examine the ethical aspects of artificial intelligence.
- Offering a forum to assess the realization of AI governance.
- Creating an opportunity to present and exchange the latest research achievements in the field of artificial intelligence related to the fourth industrial revolution.

Conference Chairman

M. Ebrahimi Moghaddam,
Shahid Beheshti University

Scientific Committee co-chair

M. Shamsfard, Shahid Beheshti
University

Executive Committee co-chair

A. Salimi Badr, Shahid Beheshti
University

Scientific Committee

- M. Ebrahimi Moghaddam, Shahid Beheshti University (Image Processing and Machine Vision)
- M. Soryani, Iran University of Science and Technology (Image Processing and Machine Vision)
- Y. Shekofteh, Shahid Beheshti University (Voice and Speech Processing)
- M.M. Homayounpour, Amirkabir University of Technology (Voice and Speech Processing)
- M. Shamsfard, Shahid Beheshti University (Natural Language Processing and Knowledge Engineering)
- H. Faili, University of Tehran (Natural Language Processing)
- H. Malek, Shahid Beheshti University (Applications of Artificial Intelligence)
- M. Kahani, Ferdowsi University of Mashhad (Knowledge Engineering)
- A. Talebpour, Shahid Beheshti University (Data Mining)
- M. Neshati, Shahid Beheshti University (Data Mining)
- S. Aliakbari, Shahid Beheshti University (Data Mining)
- A.A. Abin, Shahid Beheshti University (Applications of Machine Learning)
- M. Palhang, Isfahan University of Technology (Robotics)
- A. Salimi Badr, Shahid Beheshti University (Robotics)
- C. Eslahchi, Shahid Beheshti University (Bioinformatics)
- H. Malek, Shahid Beheshti University (Bioinformatics)
- H. Moghaddasi, Shahid Beheshti University of Medical Sciences (Artificial Intelligence in Health and Hygiene)
- H.R. Mahdiani, Shahid Beheshti University (Cognitive Science and Computational Neuroscience)
- R. Khosrowabadi, Shahid Beheshti University (Cognitive Science and Computational Neuroscience)
- M. Ashtiani, Iran University of Science and Technology (Artificial Intelligence in the Gaming Industry)
- M. Vahidi-Asl, Shahid Beheshti University (Artificial Intelligence in the Gaming Industry)
- D. Rahmati, Shahid Beheshti University (Artificial Intelligence Hardware Platforms)
- P. Nejat, Shahid Beheshti University (Artificial Intelligence in the Humanities and Social Sciences)
- M. Tahamipour Zarandi, Shahid Beheshti University (Artificial Intelligence in the Humanities and Social Sciences)
- M. Roshan, Shahid Beheshti University (Artificial Intelligence in the Humanities and Social Sciences)
- R. Ghaderi, Shahid Beheshti University (Artificial Intelligence in Other Fields of Engineering)
- A. Noorzad, Shahid Beheshti University (Artificial Intelligence in Other Fields of Engineering)
- A. Abdollahi, Shahid Beheshti University (Artificial Intelligence in the Humanities and Social Sciences)
- M. Zandieh, Shahid Beheshti University (Artificial Intelligence in the Humanities and social sciences)
- F. Tabatabaei Ghomsheh, University of Social Welfare and Rehabilitation Sciences (Artificial Intelligence in Health and Hygiene)

Executive Committee of the Conference

- M. Shamsfard, Shahid Beheshti University (Secretary of the Scientific Committee)
- Salimi Badr, Shahid Beheshti University (Secretary of the Executive Committee)
- Talebpour, Shahid Beheshti University (Industry Connection)
- H. Haghigi, Shahid Beheshti University (Industry Connection)
- H. Malek, Shahid Beheshti University (Panels)
- S.R. Kheradpisheh, Shahid Beheshti University (Keynote Speakers)
- M. Riahi, Shahid Beheshti University (Publications and Indexing)
- M. Abdoos, Shahid Beheshti University (Workshops)
- Shameli, Shahid Beheshti University (Information Technology)
- M. Hosseini, Shahid Beheshti University (Public Relations)
- Mr. Javidi, Shahid Beheshti University (Executive Affairs)
- Z. Arab, Shahid Beheshti University (Secretariat)

Important Dates

Paper submission deadline	October 21, 2024
Notification to authors	December 5, 2024
Conference Dates	February 26 and 27, 2025

Contact

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NOTE: Papers must be written and submitted in English. They should present original work that has not been published previously in other conference proceedings or journals. Simultaneous submission to other conferences or journals is prohibited and will result in rejection of the paper at any stage. Submissions must include the full paper in PDF format (maximum 6 pages) and an abstract in Word format (one page), following the pagination format specified on the conference website. All submissions should be made electronically through the conference website. For each accepted paper, at least one author must register and present the paper at the conference.