

Editorial Profile

The American Association for Artificial Intelligence (AAAI) is the principal scientific society serving the artificial intelligence community in the United States. Founded in 1979, the association consists of scientists, engineers, managers, consultants, programmers, academicians, and students. AAAI's leadership has consisted of the many prominent scientists involved in artificial intelligence. The roster of AAAI presidents includes Allen Newell, (Carnegie-Mellon University), Edward Feigenbaum (Stanford University), Marvin Minsky (Massachusetts Institute of Technology), Nils Nilsson (SRI International, Stanford University), John McCarthy (Stanford University), Woodrow Bledsoe (Microelectronic Computer Consortium Inc. and the University of Texas), Raj Reddy (Carnegie Mellon University), Daniel Bobrow (Xerox PARC), Patrick Hayes (Stanford University), Barbara Grosz (Harvard University), and Randall Davis (Massachusetts Institute of Technology).

AAAI was founded to encourage the basic knowledge of what constitutes intelligent thought and behavior and how it can be exhibited in computers. As a scientific society, it is not only concerned with the goals of basic AI research, but also with AI applications which contribute to an increased scientific understanding of artificial intelligence. The association also promotes the free interchange of information about artificial intelligence among specialists and the public in the best scientific traditions. The association's primary publication, *AI Magazine*, helps AAAI members stay abreast of significant new research, new products, and fast-breaking scientific literature—across the whole field of artificial intelligence. As one of the oldest US publications devoted to the entire science of artificial intelligence, *AI Magazine* is consistently covered in scientific indexes, and is considered a “must read” by most AI scientists throughout the world.

In every issue, timely feature-length articles, state-of-the art research in progress and workshop reports, photographs, and charts and diagrams combine to create reader interest and involvement. *AI Magazine* has become the journal of record in the artificial intelligence field by consistently providing articles of vital interest to both seasoned scientists and engineers and newcomers to the field. A careful balance of *AI Magazine*'s editorial content has led to its popularity with industry professionals and academics alike.

Feature articles in each issue of *AI Magazine*, consistently crafted to be clear enough to permit specialists to review work outside their particular area of expertise, typically provide in-depth analysis of the subject being discussed.

Features normally covered include topics such as:

- AI Methods for Design
- Automatic Programming
- Case-Based Reasoning
- Distributed Problem Solving
- Expert Systems
- Graphics for AI Systems
- Hardware Developments
- Intelligent CAI
- Knowledge Engineering
- Learning (Knowledge Acquisition)
- Natural Language Understanding
- Overviews of Current Trends
- Planning
- Problem-Solving
- Programming Environments for AI
- Representation of Knowledge
- Robotics
- Signal Understanding (including Vision)

In addition, each issue of *AI Magazine* usually includes the following departments:

- AAAI News—featuring reports from the American Association for Artificial Intelligence.
- Letters to the Editor, on topics of scientific interest or controversy.
- New Products and News—a regular column of news, events, highlighting the latest in new products using artificial intelligence-based technology.
- Books Received, a listing of all AI books submitted to *AI Magazine* for review.
- Book Reviews—incisive commentary about the latest publications in the field.
- Calendar of Events—listings of the latest conferences in AI
- Editorials.

AI Magazine is published quarterly in:

- March (the Spring issue).
- June (the Summer issue).
- September (the Fall issue) and
- December (the Winter issue).

AI magazine