AAAI News

Fall News from the
American Association for Artificial Intelligence

AAAI-04 and IAAI-04

The Nineteenth National Conference on Artificial Intelligence will be held July 25–29, 2004 at the San Jose Convention Center in San Jose, California. The Sixteenth Conference on Innovative Applications of Artificial Intelligence (IAAI-04) will be collocated with AAAI-04. Other programs include the Intelligent Systems Demos, the Mobile Robot Competition, the Tutorial Forum, the Workshop Program, the Student Abstract and Poster Program, and the AAAI/SIGART Doctoral Consortium.

AAAI-04 and IAAI-04 Calls for Technical Papers, Workshop Proposals, Tutorial Forum Proposals, Student Programs, Intelligent Systems Demonstrations, and other related programs have been mailed to all AAAI members. You can also view this information and more at www.aaai.org/Conferences/. Inquiries may be addressed to ncai04@aaai.org.

Please note that the deadline for submission of electronic title pages and papers to AAAI-04 and IAAI-04 is January 20, 2004. A hard copy of the title page for AAAI-04 is due January 23, 2004. Please watch the web site for other announcements regarding the program in 2004!

Student Scholar and Volunteer Program

AAAI is pleased to announce the continuation of its Student Scholar and Volunteer Programs. The Student Scholar Program provides partial travel support for students who are full-time undergraduate or graduate students at colleges and universities, are members of AAAI, submit papers to the conference program or letters of recommendation from their faculty advisor, and submit scholarship applications to AAAI by April 15, 2004. In addition, repeat scholarship applicants must have fulfilled the volunteer and reporting requirements for previous awards. In the event that scholarship applications exceed available funds, preference will be given to students who have an accepted technical paper, and then to students who are actively participating in the conference in some way. However, all eligible students are encouraged to apply.

After the conference, an expense report will be required to account for the funds awarded. For further information about the Scholarship Program, or to obtain an application, please contact AAAI at scholarships04@aaai.org, or 445 Burgess Drive, Menlo Park, CA 94025 USA. Telephone: (650) 328-3123.

The Student Volunteer Program is an essential part of the conference and student participation is a valuable contribution. Volunteers will support AAAI-04 organizers in San Jose, California. In 2004, a limited number of complimentary technical program registrations will be available for students who volunteer during the conference. Preference will be given to student scholars for the volunteer positions. Local students or students not requiring travel assistance can apply for the Volunteer Program if openings are available. AAAI membership is required for eligibility. For further information regarding the Student Volunteer Program, please contact AAAI at volunteer04@aaai.org. The deadline for volunteer applications is April 15, 2004.
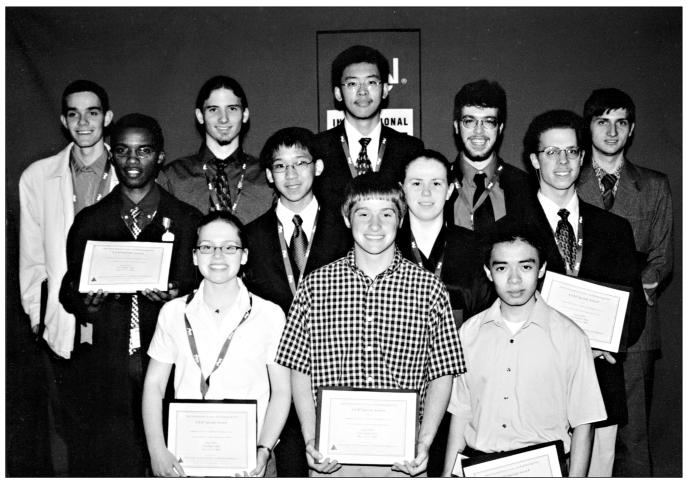
2004 AAAI Fall Symposium Series

AAAI recently solicited a call for interest in holding a 2004 Fall Symposium Series. The deadline for preliminary proposals was September 15, and for final proposals October 15, 2004. If the symposia are held, the likely venue for this program will be Washington, DC. All proposals will be reviewed by the AAAI Symposium Committee (Holly Yanco, Chair, University of Massachusetts Lowell and Marie desJardins, Associate Chair, University of Maryland Baltimore County). For updated information on this program, please see www.aaai.org/Symposia/Fall/.

2004 AAAI Spring Symposium Series Call for Participation

The American Association for Artificial Intelligence presents the 2004 Spring Symposium Series, to be held Monday through Wednesday, March 22–24, 2004, at Stanford University. The topics of the eight symposia will be:

- Accessible Hands-on Artificial Intelligence and Robotics Education
- Architectures for Modeling Emotion: Cross-Disciplinary Foundations
- Bridging the Multi-agent and Multi-robotic Research Gap
- Exploring Attitude and Affect in Text: Theories and Applications
- Interaction between Humans and Autonomous Systems over Extended Operation
- Knowledge Representation and Ontology for Autonomous Systems
- Language Learning: An Interdisciplinary Perspective
- Semantic Web Services

Symposia will be limited to between forty and sixty participants. Each participant will be expected to attend a single symposium. Working notes will be prepared and distributed to participants in each symposium. A

2003 AAAI Intel ISEF Special Award Winners.

general plenary session, in which the highlights of each symposium will be presented, will be held on Tuesday, March 23, and an informal reception will be held on Monday, March 22. In addition to invited participants, a limited number of other interested parties will be able to register in each symposium on a first-come, first-served basis. Registration information will be available by December 15, 2003. Please contact AAAI at sss04@ aaai.org or visit our web site at www. aaai.org/Symposia/Spring/2004/.

Submission Information

Submissions for the symposia are due on October 3, 2003. Notification of acceptance will be given by November 7, 2003. Material to be included in the working notes of the symposium must be received by January 30, 2004. The complete Call for Participation is available on AAAI's website.

AAAI INTEL ISEF Special Awards

Now in its fifth year, the AAAI Special Awards program at the annual Intel International Science and Engineering Fair (ISEF) consists of up to twelve awards that recognize outstanding achievement in the area of intelligent computation and robotics. The awards are intended for the best exhibits in the area of computer science with an artificial intelligence component. Finalists in other areas with significant computer science components are also eligible. The student authors of each award-winning project share $500 and each student receives a certificate and other momentos. The winners and their schools also receive a complimentary one-year membership in the AAAI, including a subscription to *AI Magazine*.

This year ISEF was held May 11–17 in Cleveland, Ohio. There were twelve winning projects by thirteen students (one team). Nine projects were entered in the category of computer science, and three were entered in engineering. The 2003 winners are:

- *Nice Guys Dominate: A Computer Simulation Studying the Effect of Dominant-Recessive Genetics on a Population* Michael Jason Diedrich, Rochester, Minnesota
- *Applying Genetic Algorithms to Dynamic Traitor Tracing* Adam Charles Vogel, St Charles, Missouri
- *Data Mining Network Traffic With Neural Networks* Dmitry Kashlev, Bronx, New York
- *TensorFaces: A Multilinear Model for Computerized Face Recognition and Image Processing* Tonislav Ivanov, New York, New York
- *Modeling the Ecological Success of Decision Rules Using Variants of the Iterated Prisoner's Dilemma* Katherine Harvard, Great Neck, New York
- *Implementation of Bayesian Statistical Spam-filtering Algorithm* Jerry Ji Guo, Greer, South Carolina

- *Brain-Computer Interface for the Muscularly Disabled* Elena Leah Glassman, Doylestown, Pennsylvania
- *Training Neural Networks With Genetic Alogrithms* Nhan Duy Nguyen, Greenville, South Carolina
- *The Telltale Heart of Darkness—Differentiating Between Authors: Beyond Naive Bayesian Classification* Brian Andrew Camley, Colorado Springs, Colorado
- *Factors Affecting Cooperative Robotic Behavior* Donald Eng, Jacksonville, Florida
- *Robots to the Rescue: The Effect of Sensor Type on the Detection of Life Signs* Brian Edward Pinkham, Ashburn, Virginia
- *The Fish Robot* Fransisco Selles de Almeida Junior and Nei Alcantara Junior, Sao Paulo, Brasil

We congratulate all the winners! In addition, we would like to recognize the judges, who attended the fair in Cleveland and selected the twelve winning projects and thirteen winning students from many remarkable and worthy entries. Many thanks to Reid Simmons (chair), Tom Dean, Janet Kolodner, and Martha Pollack for their generous donations of time and energy.

2004 Special Award Nominations

AAAI is currently seeking nominations for the 2004 AAAI Classic Paper Award, the AAAI Distinguished Service Award, and the AAAI Effective Expository Writing Award. The 2004 AAAI Classic Paper Award will be given to the author of the most influential paper(s) from the Fourth National Conference on Artificial Intelligence, held in 1984 in Austin, Texas. The 2004 AAAI Distinguished Service Award will recognize one individual for extraordinary service to the AI community. Finally, the 2004 AAAI Effective Expository Writing will honor the author(s) of a high quality, effective piece of writing, accessible to the general public or to a broad AI audience (not just a subarea), written within the last two years. The contribution should be based on sound science, interesting ideas or systematic review, with non-trivial content, but the award is primarily for the exposition.

All awards will be presented at AAAI-04 in San Jose, California. Complete nomination information, including nomination forms, is avail-able at www.aaai.org/Awards/. The deadline for nominations is March 15, 2004. For additional inquiries, please contact Carol Hamilton at hamilton@aaai.org.

AAAI Executive Council Nominations

Every year four new councilors are elected to serve three-year terms on the AAAI Executive Council. All elected councilors are expected to attend at least two council meetings per year, and actively participate in AAAI activities. Nominees must be current members of AAAI. The Nominating Committee encourages all regular members in good standing to place an individual's name before them for consideration. The Nominating Committee, in turn, will nominate eight candidates for councilor in the spring. In addition to members' recommendations, the committee will actively recruit individuals in order to provide a balanced slate of candidates. AAAI members will vote in the late spring of 2004.

To submit a candidate's names for consideration, please send the individual's name, address, phone number, and e-mail address to Carol Hamilton, Executive Director, AAAI, 445 Burgess Drive, Menlo Park, CA 94025; by fax to 650-321-4457; or by e-mail to hamilton@aaai.org. Nominators should contact candidates prior to submitting their names to verify that they are willing to serve, should they be elected. The deadline for nominations is November 1, 2003.

AAAI Local Chapter Program

AAAI is currently seeking applications from members, who wish to organize chapters in their communities. AAAI chapters should promote an increased knowledge of, and greater interest in, artificial intelligence by professionals in the field; increased communication among persons having an interest in AI; and greater awareness of artificial intelligence and its potential in the chapter's community at large.

For more information on AAAI Chapters, or for an application, please see www.aaai.org/Membership/membership-chapters.html or write to Carol Hamilton at hamilton@aaai.org.

AAAI Member List Server

Would you like to receive e-mail notifications of upcoming deadlines and programs? If so, please subscribe to our AAAI membership list server by writing to majordomo@aaai.org with the following text in the **body** of the message: subscribe aaai-members.

Artificial Intelligence Journal Online Access

AAAI is continuing its cooperative effort with *AI Journal*, giving unlimited access to the online version of *the Artificial Intelligence Journal* to all regular AAAI members. AAAI regular members can view and browse tables of contents, view articles published in recent issues of *AI Journal*, and utilize the current features available through Elsevier's electronic journal service. They may also view, print and/or download excerpts of reasonable quantity, provided that the use of such excerpts is personal and does not amount to or result in commercial distribution. Participation in this experimental program is included in your normal AAAI membership dues.

If you are a current regular member and have not received your Reader Key and Instructions for accessing the online *AI Journal*, please contact membership03@aaai.org for more information.

AAAI Sponsored Journal Program

Did you know that your AAAI membership makes you eligible to receive a discount on a the many journals featured in AAAI's Sponsored Journal program? The list of journals continues to expand, which means that discounts can add up to a significant sum. For more information about the Sponsored Journal Program, please see the sponsored journals page at

Barbara Grosz Elected to Membership in the American Philosophical Society.

Alan Bundy Receives the IJCAI Distinguished Service Award from IJCAI President Hector Levesque..

www.aaai.org/Publications/Journals/sponsored-journals.html.

AAAI Member News

Barbara J. Grosz, Gordon McKay Professor of Computer Science at Harvard University and Dean of Science at the Radcliffe Institute of Advanced Study, was elected to membership in the American Philosophical Society (APS) on April 26, 2003. Election to the APS honors extraordinary accomplishments in all fields. The APS is unusual among learned societies because its membership is comprised of top scholars from a wide variety of academic disciplines, which are organized in five classes. Professor Grosz is a resident member in Mathematical and Physical Sciences.

Founded by Benjamin Franklin in 1743, the American Philosophical Society is the oldest learned society in the United States devoted to the advancement of scientific and scholarly inquiry. Its early members included George Washington, John Adams, Thomas Jefferson, Thomas Paine, James Madison, and John Marshall. In the nineteenth century, members included John James Audubon, Robert Fulton, Charles Darwin, Thomas Edison, and Louis Pasteur. Albert Einstein, Robert Frost,

and George Marshall hint at the scientific, humanistic, and public accomplishments of twentieth-century members. The first woman was elected in 1789 - the Russian Princess Dashkova, president of the Imperial Academy of Sciences of St. Petersburg. Today the Society has 868 elected members, 728 from the United States and 140 from more than two dozen foreign countries. AAAI extends its congratulations to Professor Grosz, AAAI Past President 1993-95, for this distinguished honor!

IJCAI-03 Award for Research Excellence

The IJCAI Award for Research Excellence is given at the IJCAI conference to a scientist who has carried out a program of research of consistently high quality, yielding several substantial results. The winner of the 2003 IJCAI Award for Research Excellence is Nils Nilsson, Kumagai Professor of Computer Science at Stanford University, Stanford, USA. Professor Nilsson (AAAI Past President 1982-83) was recognized for his pioneering work in the use of heuristics, representations, and techniques for building AI systems capable of planning and acting in the real world.

IJCAI Computers and Thought Award

The Computers and Thought Award is presented at IJCAI conferences to outstanding young scientists in artificial intelligence. The award was established with royalties received from the book *Computers and Thought,* edited by Edward Feigenbaum and Julian Feldman; it is currently supported by income from IJCAI funds. The winner of the 2003 IJCAI Computers and Thought Award is Tuomas Sandholm, Associate Professor at the Computer Science Department, Carnegie Mellon University, Pittsburgh, USA. Professor Sandholm is recognized for his contributions to computational economics and the theory and practice of negotiation and coalition formation among computationally bounded agents.

The Donald E. Walker Distinguished Service Award

The IJCAI Distinguished Service Award was established in 1979 by the IJCAI Trustees to honor senior scientists in AI for contributions and service to the field during their careers. In 1993, the

ASSETS	
CURRENT ASSETS:	
Cash	$ 349,652
Investments - Stated at Fair Market Value (Note 1A & 3)	7,002,566
Accounts Receivable - Trade	9,343
Inventory (Note 1B)	221,363
Prepaid Expenses	64,840
TOTAL CURRENT ASSETS	7,647,764
Furniture, Fixtures & Equipment, Net (Note 1C)	33,947
Deposits	5,279
	$ 7,686,990

LIABILITIES AND NET ASSETS	
CURRENT LIABILITIES:	
Accounts Payable and Accrued Expenses	$ 193,058
Unearned Membership Fees (Note 4)	211,504
TOTAL CURRENT LIABILITIES	404,562
Net Assets - Unrestricted	7,282,428
	$ 7,686,990

American Association for Artificial Intelligence Statement of Financial Position, December 31, 2002.
The accompanying notes are an integral part of this statement.

IJCAI Distinguished Service Award was renamed the Donald E. Walker Distinguished Service Award in memory of the late Donald E. Walker, who shaped the IJCAI organization as a Secretary-Treasurer. The winner of the 2003 Donald E. Walker Distinguished Service Award was Alan Bundy, Professor of Automated Reasoning at the University of Edinburgh, UK. As a pioneering researcher in the automation of mathematical reasoning, Professor Bundy was recognized for his outstanding service through his development of AI at Edinburgh, to the AI community of the United Kingdom, and to the international community as Program Chair of the 1983 IJCAI, Conference Chair of the 1987 IJCAI, and Chair of CADE-12.

Independent Auditor's Report

The Board of Directors
American Association For Artificial Intelligence
Menlo Park, California

I have audited the statement of financial position of American Association for Artificial Intelligence as of December 31, 2002 and the related statements of activities, changes in net assets and cash flows for the year then ended. These financial statements are the responsibility of the Association's management. My responsibility is to express an opinion on these financial statements based on the audits.

I conducted the audits in accordance with generally accepted auditing standards. Those standards require that I plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. I believe that the audits provide a reasonable basis for my opinion.

Changes in Net Assets: Gross Profit (Loss), By Activity:

AI Magazine Revenue	$ 7,659	
AI Magazine Expenses	191,290	$ (183,631)
Memberships Revenue (Note 4)	272,673	
Memberships Expenses	(126,804)	145,869
AAAI Press Revenue	125,389	
AAAI Press Cost of Sales	(147,015)	(21,626)
Spring Symposium 2002 Revenue	56,188	
Symposium Expenses	(61,658)	(5,470)
Fall Symposium 2002 Revenue	34,585	
Symposium Expenses	(45,140)	(10,555)
Conference Service Fees	46,900	
Conference Service Expenses	(46,900)	-0-
Technical Program '02 Revenue	295,113	
Program Expenses	(453,598)	(158,485)
2002 Exhibits Revenue	17,000	
Exhibits Expenses	(25,372)	(8,372)
Prior Year Events Revenue	27,500	
Expenses	(4,594)	22,906
Miscellaneous Income		813
KDD Sponsorship		7,021
Interest & Dividend Income (investments & cash accounts)		275,366
Realized & Unrealized Gains (loss) on Investments (Note 1A)		(1,151,531)
Investment Management Fees		(83,320)
Grants & Scholarships Expended		(395,772)
Gross Profit (Loss), Combined		(1,566,787)
Operating Expenses		(638,467)
Net (Decrease) in Net Assets		(2,205,254)
Net Assets - January 1, 2002		9,487,682
Net Assets - December 31, 2002		$ 7,282,428

American Association for Artificial Intelligence Statement of Activities and Changes in Net Assets for the Year Ended December 31, 2002.
The accompanying notes are an integral part of this statement.

    In my opinion, the financial statements referred to above present fairly, in all material respects, the financial position of American Association for Artificial Intelligence as of December 31, 2002 and the results of operations and cash flows for the year then ended, in conformity with generally accepted accounting principles.

Robert H. Burnham

Robert H. Burnham
June 3, 2003

Cash Flows From Operating Activities:

Net (Decrease) in Net Assets	$(2,205,254)
Adjustments to Reconcile Change in Net Assets to Net Cash Flows From Operations:	
Depreciation Expense	17,636
Net Decrease in Accounts Receivable	27,159
Net Decrease in Inventory	39,468
Net Increase in Prepaid Expenses	(18,756)
Net Decrease in Accounts Payable	(23,626)
Net Decrease in Unearned Membership Fees	(3,281)
Net Unrealized and Realized Loss on Investments	1,151,531
Net Cash Flows From Operating Activities	(1,015,123)

Cash Flow From Investing Activities:

Purchase of Furnishings & Equipment, Net	(2,335)
Sale of Investments, Net of Purchases of Investments	917,786
Net Cash Flow From Investing Activities	915,451
Net Increase (Decrease) in Cash	(99,672)
Cash -January 1, 2002	449,324
Cash - December 31, 2002	$ 349,652

American Association for Artificial Intelligence Statement of Cash Flows from Operating Activities for the Year Ended December 31, 2002.
The accompanying notes are an integral part of this statement.

Notes to Financial Statements, December 31, 2002

Note 1: Summary of Significant Accounting Policies

A. Method of Accounting:
The financial statements are presented on the accrual basis of accounting. Effective for 1996 the Association has changed its method of accounting for investments from "original cost" to "fair market value" as required by the provisions of Statement of Financial Accounting Standards No. 124. The cumulative effect of the change in accounting principle from prior years was shown as an extraordinary item on the statement of Activities for the year ended December 31, 1996. Since investments are stated at fair market value realized and unrealized gains and losses are combined on the statement of activities where in years prior to 1996 only realized gains and losses were shown.

B. Inventory:
Magazine, proceedings, conference books and publications in process inventory is valued at the lower of cost or market value as of December 31, 2002.

C. Furniture, Fixtures and Equipment:
Furniture, fixtures and equipment are stated at cost, less accumulated depreciation. Depreciation is computed on the straight-line method over estimated useful lives of five to ten years. Furniture, fixtures and equipment consist of the following at December 31, 2002.

Cost	$ 213,152
Accumulated depreciation	(179,205)
Net	$ 33,947

D. Income Taxes:
American Association for Artificial Intelligence is exempt from income taxes on its earning from investments and its exempt function operations under Section 501(c)(3) of the Internal Revenue Code and Section 23701(d) of the California Revenue and Taxation Code. Federal and California taxes were paid during 2002 on earnings from sales of mailing lists and advertising.

Note 2: Operations

The American Association for Artificial Intelligence (AAAI) was formed

in 1979 as a scientific society, to encourage the basic knowledge of what constitutes intelligent thought and behavior and how it can be exhibited in computers. This is accomplished by the *AI Magazine,* the publications of the AAAI Press, the National Conference on Artificial Intelligence (NCAI), the Conference on Innovative Applications of Artificial Intelligence (IAAI), the International Conference on Knowledge Discovery and Data Mining, the Mobile Robot Competition, the Symposium Series, and the AAAI Workshop Program. In addition, AAAI has an extensive program for student scholarships, women and minority grants, and sponsorship of independent workshops and conferences. Finally, AAAI's World Wide Web Site serves as a central resource for individuals involved in AI research.

Note 3: Investments at December 31, 2002

Investments are stated at fair market value since it is readily determinable and the investments are not necessarily being held to any maturity. Realized and unrealized gains and losses are reported in the statement of activities.

Investment activity for 2002 is as follows:

Investments — Beginning of year (At fair market value)	$ 9,071,883
Unrealized & Realized gains (Loss)	(1,151,531)
Interest & Dividends (Investments only)	270,838
Total Return On Investments	8,191,190
Purchases of Investments	6,223,704
Sales of Investments	(7,141,490)
Interest & Dividends deposited to Cash	(270,838)
Investments — End of Year	$ 7,002,566

Investments consist of the following at 12-31-2002:

U.S. Obligations & Corp. Fixed Income	$ 3,291,993
Common/Preferred Stocks	3,710,573
Total Investments — Unrestricted	$ 7,002,566

Note 4: Memberships

Annual membership in the American Association for Artificial Intelligence (which includes a subscription price to the AI magazine of $40 per year) is $95 for individuals, $35 for student members, and $190 for academic/corporate libraries. $40 is added to the above for other than U.S. members. Three, five year, and lifetime memberships are also available. All Revenue from memberships is included in the AI Memberships gross profit center. Revenues from membership fees are earned ratably over the respective membership period. Lifetime membership fees are recognized as income over ten years.

Note 5: Pension Benefits

Prior to 1998 American Association for Artificial Intelligence sponsored a pension plan under Section 403 (B) of the Internal Revenue Code allowing employee contributions to their own individual accounts. Beginning in 1998 the plan expanded benefits to include company contributions to their individual accounts of five percent of their salaries for regular, full-time employees who have worked a minimum of three years at AAAI. In addition, AAAI will match employees' contributions up to five percent of their salaries for regular, full-time employees who have worked a minimum of five years at AAAI.

Note 6: Lease Commitments

The American Association for Artificial Intelligence entered into a lease agreement for its office space expiring on February 28, 2006. The Association is committed to make minimum annual lease payments of $126,670 for 2003, $141,010 for 2004, $155,350 for 2005, and $26,290 for 2006.