

# AAAI News

*Spring News from the  
American Association for Artificial Intelligence*

## *Artificial Intelligence Journal Online Access*

We are delighted to announce the continuation of the 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.

Please note that Elsevier has revamped the access method for AAAI members, and you will be required to provide your membership number at <https://cs.sciencedirect.com/activate/artint/members> to gain access. Complete details were mailed to all regular members in good standing in January. If you have forgotten your membership number or need instructions, please write to us at [membership04@aaai.org](mailto:membership04@aaai.org). If you require customer service from *AI Journal*, please see <http://www.info.sciencedirect.com/contacts/index.shtml> for a list of help desk contact information.

## AAAI-04 / IAAI-04

Registration information for the Nineteenth National Conference on Artificial Intelligence (AAAI-04) and the Sixteenth Conference on Artificial Applications of Artificial Intelligence

(IAAI-04) is available at the AAAI-04 site, [www.aaai.org/Conferences/National/2004/aaai04.html](http://www.aaai.org/Conferences/National/2004/aaai04.html) or by writing to [aaai04@aaai.org](mailto:aaai04@aaai.org). Please note that the deadline for early registrations is May 28, 2004.

The conferences will be held July 25-29 at the San Jose Convention Center and the connecting San Jose Marriott Hotel, in San Jose, California. AAAI-04 will feature 11 half-day and 2 full-day tutorials, 16 workshops, the AAAI Mobile Robot Competition and Exhibition, the Intelligent Systems Demonstration program, the Student Abstract Posters, and the AAAI/SIGART/IJCAI Doctoral Consortium. Please visit the AAAI-04 web site periodically for up-to-date information. We hope you will join us in San Jose!

## San Jose

San Jose, the capital of Silicon Valley and the gateway to the San Francisco Bay Area, is known as one of the most progressive and innovative cities in America, and is at the heart of one of the most dynamic regions in the world. It is also the eleventh largest city in the nation, a community rich with strong roots and a bright future, and one that offers all the services and amenities any visitor would want and expect.

The colorful, palm-studded downtown is an intimate, welcoming, and friendly area that exudes a block party atmosphere and offers a concentration of outstanding restaurants, vibrant night spots, acclaimed museums, and lovely parks. Nestled between two mountain ranges, San

Jose is also home to a myriad of historic attractions. Visitors can find everything from family theme parks and professional sports to museums, such as the Children's Discovery Museum San Jose on Woz Way, the San Jose Museum of Art, and the unique Tech Museum of Innovation.

## The Tech Museum of Innovation

While most museums deal in antiquity, the Tech Museum of Innovation celebrates technology's cutting edge. Since its opening in 1998, this attraction in the heart of downtown has been one of the signatures of Silicon Valley. The dazzling, mango-colored 132,000-square-foot domed building serves as a dynamic learning resource for children and adults alike, who experience innovations in the form of 250 lively exhibits in five themed galleries. Through hands-on exploration, visitors learn how microchips are made, design a roller coaster, or pilot a robotic submarine. Those searching for a less energetic experience can simply sit back and let an IMAX film transport them to another world. The Tech Museum has captured the essence of Silicon Valley and put it all under one roof.

For more information about San Jose, please visit <http://www.sanjose.org>.

## AAAI-04 Collocated Event

AAAI is pleased to announce the collocation of the First Conference on Email and Anti-Spam (CEAS) with AAAI-04. CEAS will be held in Mountain View, California, July 30-31, 2004. For more information about this event, please see the website at [www.ceas.cc/](http://www.ceas.cc/).

## 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

## New AAAI E-Mail Addresses

In an effort to reduce the amount of spam that we receive, AAAI will be modifying its e-mail addresses effective immediately. Old e-mail addresses were shut down January 1, 2004, so please make a note of the following new e-mail addresses (all of which end in @aaai.org):

*AAAI-04 Conference:* aaai04  
*AI Magazine:* aimagazine04  
*AI Topics:* aitopics04  
*Fall Symposium Series:* fss04  
*General information:* info04  
*Membership Queries:* membership04  
*AAAI Press:* press04  
*Book Orders:* orders04  
*Innovative Applications Conference:* iaai04  
*Spring Symposium Series:* sss04  
*Workshops:* workshops04  
*Student Scholarships:* scholarships04  
*Student Volunteers:* volunteer04  
*Awards Program:* awards04  
*Fellows Program:* fellows04

This information will not be posted on the AAAI web site. However, if you forget an address, AAAI can always be reached by filling out the contact form, accessible from [www.aaai.org](http://www.aaai.org).

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 form please see [www.aaai.org/Conferences/National/2004/Student/aaai04-scholarship.html](http://www.aaai.org/Conferences/National/2004/Student/aaai04-scholarship.html) or contact AAAI at [scholarships04@aaai.org](mailto:scholarships04@aaai.org).

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 [volunteers04@aaai.org](mailto:volunteers04@aaai.org). The deadline for volunteer applications is April 15, 2004.

## AAAI Executive Council Elections

Please watch your mail for your AAAI Ballot, which will be mailed to all regular AAAI members in late April. The membership will vote for four new councilors, who will each serve three-year terms. Ballots will be due back at the AAAI office no later than

June 18. The Annual Business meeting for AAAI will be held this summer during AAAI-04 in San Jose, California. The exact day and time will be announced on the ballot, in the summer issue of the magazine, and in the conference program.

## 2004 Fall Symposium Series

The 2004 AAAI Fall Symposium Series will be held Friday through Sunday, October 22-24, 2004 at the Hyatt Regency Crystal City in Washington, DC. The Symposium Series will be preceded on Thursday, October 21 by a one-day AI funding seminar, which will be open to all registered attendees of the Fall Symposium Series. The titles of the eight symposia are

- Achieving Human-Level Intelligence through Integrated Systems and Research. *Cochairs:* Patrick Winston ([phw@mit.edu](mailto:phw@mit.edu)) and Nicholas Cassimatis ([cassimatis@itd.nrl.navy.mil](mailto:cassimatis@itd.nrl.navy.mil))
- Artificial Multi-Agent Learning. *Chair:* Sean Luke ([sean@cs.gmu.edu](mailto:sean@cs.gmu.edu))
- Compositional Connectionism in Cognitive Science. *Cochairs:* Simon Levy ([levys@wlu.edu](mailto:levys@wlu.edu)), Ross Gayler ([r.gayler@mbox.com.au](mailto:r.gayler@mbox.com.au)), and Pentti Kanerva ([pkanerva@rmi.org](mailto:pkanerva@rmi.org))
- Dialogue Systems for Health Communications. *Chair:* Timothy Bickmore ([bickmore@bu.edu](mailto:bickmore@bu.edu))
- The Intersection of Cognitive Science and Robotics: From Interfaces to Intelligence. *Chair:* Alan Schultz ([schultz@aic.nrl.navy.gov](mailto:schultz@aic.nrl.navy.gov))
- Making Pen-Based Interaction Intelligent and Natural. *Chair:* Randall Davis ([davis@csail.mit.edu](mailto:davis@csail.mit.edu))
- Real Life Reinforcement Learning *Cochairs:* Michael Littman ([mlittman@cs.rutgers.edu](mailto:mlittman@cs.rutgers.edu)) and Satinder Singh ([baveja@eecs.umich.edu](mailto:baveja@eecs.umich.edu))
- Style and Meaning in Language, Art, and Music. *Cochairs:* Shlomo Argamon ([argamon@iit.edu](mailto:argamon@iit.edu)) and Shlomo Dubnov ([dubnov@bgu-mail.bgu.ac.il](mailto:dubnov@bgu-mail.bgu.ac.il))

The deadline for submissions is May 3, 2004. The Call for Participation

has been posted on the AAAI web site at <http://www.aaai.org/Symposia/Fall/2004/fss-04.html>.

## 2005 Spring Symposium Series

AAAI is currently accepting proposals for the 2005 Spring Symposium Series, to be held at Stanford University, California, March 21-23, 2005.

Approximately eight symposia on a broad range of topics within and around AI will be selected for the 2005 Spring Symposium Series. All proposals will be reviewed by the AAAI Symposium Committee, (Chair: Holly Yanco, University of Massachusetts Lowell; Assistant Chair: Alan Schultz, Naval Research Lab; and Associate Chair: Marie desJardins, University of Maryland Baltimore County). Symposium proposals should be submitted as soon as possible, but no later than April 23, 2004. The Call for Proposals is available at <http://www.aaai.org/Symposia/Spring/2005/sssproposals-05.html>.

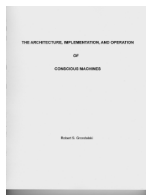
Please submit (preferably by electronic mail) your symposium proposals, and inquiries concerning symposia, to: Holly Yanco, Computer Science Department, University of Massachusetts Lowell, Olsen Hall, 1 University Avenue, Lowell, MA 01854. Voice: 978-934-3642. Fax: 978-934-3551. E-mail: [holly@cs.uml.edu](mailto:holly@cs.uml.edu)

## AAAI Member News

AAAI wishes to congratulate Professor John Michael Brady, BP Professor of Information Engineering at the University of Oxford and Fellow of AAAI, for his inclusion in the British Prime Minister's recommendations to the Queen for the 2004 New Year Honours List for knighthood for his services to Engineering. The Queen's list reflected and paid tribute to outstanding achievement and service across the community and the British nation as a whole. According to a spokesman for the Prime Minister, "A key aim had been to reward those who worked and served at the sharp end—people who had really changed things, or who had given outstanding service to others in difficult situations."

# The Architecture, Implementation, and Operation of Conscious Machines

Robert S. Grondalski  
Member AAAI



The computational basis of conscious thought is presented in detail along with how to build and operate a conscious machine. Included is an operational engram file with thousands of cognitive links containing everyday knowledge and Conscious Machine Software — for PC (patent pending).

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## Letter to the Editor

I was surprised, pleased, and grateful to discover Philip Mirowski's revisit to my 25-year-old book, *Machines Who Think*, in the winter 2004 issue of *AI Magazine*. Of course, no two observers would write the history of the field in quite the same way, though if Newell or Simon felt I had slighted operations research, they had ample opportunity to say so: each read the entire manuscript in its final form before publication. Neither did.

However, researchers and other readers can judge for themselves how close I came to their own sense of the early history of the field: *Machines Who Think* will be reissued by A K Peters Ltd. (Natick, MA) in March 2004. This twenty-fifth anniversary edition will contain a lengthy afterword I've added, sketching what happened in the ensuing quarter-century. It will also have two time lines, one where the history of AI is narrowly construed, and another where AI is cast into a far larger context of human endeavor, showing itself, as I believe more than ever, to be central to human intellectual history.

– Pamela McCorduck



***please join us!***

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