Please Join us for the 25th AAAI Conference in San Francisco!

The Twenty-Fifth AAAI Conference on Artificial Intelligence (AAAI-11) will be held August 7-8, 2011, at the Hyatt Regency San Francisco in San Francisco, California. The Twenty-Third Conference on Innovative Applications of Artificial Intelligence (IAAI-11) will be collocated with AAAI-11, and will be held August 9-11 (see www.aaai.org/aaai11).

The AAAI program cochairs for 2011, Wolfram Burgard (University of Strathclyde, UK) and Dan Roth (Northwestern University) will continue the innovations introduced during the past several years of the conference, including a new special track on Computational Sustainability and AI and the second Symposium on Educational Advances in Artificial Intelligence. An overview of the special tracks is included in this issue of the AAAI News. For the full technical Call for Participation, as well as all program deadlines and guidelines, please visit the AAAI-11 website at www.aaai.org/aaai11.

Special Technical Track — Artificial Intelligence and the Web

The AI and the Web special track invites research papers on AI techniques, systems and concepts involving or applied to the Web. Papers should either describe Web related research or clearly explain how the work addresses problems, opportunities or issues underlying the Web or Web-based systems.

New! Special Technical Track — Computational Sustainability and Artificial Intelligence

Computational sustainability is a new interdisciplinary field that aims to apply techniques from computer and information science and related disciplines (for example, operations research, applied mathematics, and statistics) to the balancing of environmental, economic, and societal needs, in order to support sustainable development and a sustainable future. This special track invites the submission of research papers on novel concepts,

AAAI News

Winter News from the Association for the Advancement of Artificial Intelligence

models, algorithms, and systems, in order to address problems in computational sustainability. A broad range of papers ranging from formal analysis to applied research are sought. Examples include papers explaining how the research addresses specific computational problems, opportunities, or issues underlying sustainability challenges and papers describing a sustainability challenge or application that can be tackled using AI methods. Papers proposing general challenges and competitions for computational sustainability are also welcome.

Special Technical Track — Physically Grounded Artificial Intelligence

The Physically Grounded AI special track invites research papers on AI techniques, systems and concepts applied to physically grounded systems including activity recognition, robotics, and machine perception. Papers should either describe related research or clearly explain how the work addresses problems in physically embodied agents, opportunities, or issues underlying such systems.

Nectar Papers *(tentative)*

The goal of the Nectar (new scientific and technical advances in research) is to make the most significant AI results presented at other conferences in the last two years available to a broad AI audience. Papers that are based on important results already published in the proceedings of at least one major specialized conference during 2009 or 2010, as either a single paper or a series of papers, are welcome. This program aims to offer researchers the opportunity to learn about areas with which they may not already be familiar, as well as encourage the sort of cross-disciplinary AI work that has historically been supported by AAAI.

Second Symposium on Educational Advances in Artificial Intelligence (EAAI)

AAAI is pleased to announce the continuation of the AAAI Symposium on Educational Advances in Artificial Intelligence (EAAI), to be held in conjunction with AAAI-11 in San Francisco. The EAAI symposium provides a venue for researchers and educators to discuss pedagogical issues and share resources related to teaching AI and using AI in education across a variety of curricular levels (K-12 through postgraduate training), with a natural emphasis on undergraduate and graduate teaching and learning. The symposium seeks contributions showing how to more effectively teach AI, as well as how themes from AI may be used to enhance education more broadly, and encourages the sharing of innovative educational approaches that convey or leverage AI and its many subfields: robotics, machine learning, natural language, computer vision, and so on. EAAI-11 provides several paths for participation, including full-length papers (6 pages) and presentations for the symposium; extended abstract and poster contributions (2 pages) highlighting prelimi-

Important Deadlines for AAAI-11 / IAAI-11 / EAAI-11

Please mark these important deadlines on your calendar and consult the website for special program deadlines:

December 1, 2010 –
Paper Deadline: Authors register on the AAAI and IAAI websites
February 1, 2011: IAAI Electronic papers due
February 3, 2011: AAAI Electronic abstracts due
February 8, 2011: AAAI Electronic papers due
February 15, 2011: AAAI-11 Student abstracts due
February 18, 2011: Doctoral Consortium papers due
February 22, 2011: EAAI-11 Papers due
March 26, 2011: IAAI Notification of acceptance or rejection
March 30 –
April 1, 2011: AAAI Author feedback about initial reviews
April 15, 2011: AAAI Notification of acceptance or rejection
April 22, 2011: AAAAI-11 Workshop submissions due
April 26, 2011: AAAI-11 IAAI/EAAI/Student Abstracts camera-ready copy due at AAAI office
May 3, 2011: AAAI camera-ready copy due at AAAI office

---

nary or ongoing work, or describing an educational innovation proposed to be presented in a demonstration session; a Model AI Assignments session highlighting innovative, ready-to-adopt materials; a workshop for mentoring new faculty, instructors, and graduate students on teaching; an Educational Video Track within the AAAI-11 Video program; and a Student/Educator Track within the AAAI-11 Robotics Exhibition and Workshop. The 2011 EAAI Chair is Marie des-Jardins (University of Maryland, Baltimore County, mariedj@cs.umbc.edu). For more information about the symposium, please visit the AAAI-11 website or write to us at aaai11@aaai.org.

The Twenty-Third IAAI Conference on Artificial Intelligence (IAAI)

The Twenty-Third Annual Conference on Innovative Applications of Artificial Intelligence (IAAI-11) will focus on successful applications of AI technology. The conference will use tech-

nical papers, invited talks, and panel discussions to explore issues, methods, and lessons learned in the development and deployment of AI applications, and to promote an interchange of ideas between basic and applied AI. IAAI-11 will consider papers in two tracks: (1) deployed application case studies and (2) emerging applications or methodologies. Suggested application areas include recommendation systems, health and medicine, embedded systems, entertainment/games, information and knowledge access, security and privacy, finance, energy, transportation, law, and analytics. Please note that the two tracks are judged on different criteria. Authors should consult the IAAI-11 Call for Papers for details. For more information, please visit the IAAI-11 website at www.aaai.org/Conferences/IAAI/iaai11.php.

AAAI-11 will also include all of these ongoing programs!

- AAAI-11 Tutorial Forum
- AAAI-11 Workshop Program
- AAAI-11 Student Abstract & Poster Program

- Sixteenth AAAI/SIGART Doctoral Consortium
- AAAI Mobile Robot Workshop and Exhibition
- AAAI General Game Playing Competition
- AAAI Poker Competition
- AAAI Video Competition

AAAI-11 Workshop Program

AAAI-11 workshops will be held Sunday and Monday, August 7-8, in San Francisco, California. The cochairs of the AAAI-11 Workshop Program are Dragos Margineantu, Boeing Research and Technology (dragos.d.margineantu@boeing.com) and Giuseppe De Giacomo, Sapienza Universita' di Roma, Italy (degiacomo@dis.uniroma1.it). The list of accepted workshops will be available in mid-February 2011 at the AAAI-11 website. Please note that submissions will be due April 22, and final accepted papers must be received no later than May 27.

AAAI-11 Doctoral Consortium

AAAI and ACM/SIGART invite students to apply for the Sixteenth AAAI/SIGART Doctoral Consortium, which will be held as a workshop on August 7-8. The Doctoral Consortium (DC) provides an opportunity for a group of Ph.D. students to discuss and explore their research interests and career objectives with a panel of established researchers in artificial intelligence. The consortium has the following objectives: (1) to provide a setting for mutual feedback on participants' current research and guidance on future research directions; (2) develop a supportive community of scholars and a spirit of collaborative research; (3) support a new generation of researchers with information and advice on academic, research, industrial, and nontraditional career paths; and (4) contribute to the conference goals through interaction with other researchers and participation in conference events. Bradley J. Clement (Jet Propulsion Laboratory, bclement@jpl.nasa.gov) and Elizabeth Sklar (Brooklyn College, City University of New

York, sklar@sci.brooklyn.cuny.edu) are the cochairs of the 2011 program.

AAAI-11 Conference Volunteer Program

AAAI is pleased to announce the continuation of its Student Volunteer Programs for 2011. The Student Volunteer Program is an essential part of the conference and student participation is a valuable contribution. Volunteers will support AAAI organizers in San Francisco. In 2011, a limited number of complimentary technical program registrations will be available for students who volunteer during the conference. Preference will be given to participating students 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 volunteer11@aaai.org. The deadline for volunteer applications is April 15, 2011.

AAAI Gifts Program

It is the generosity and loyalty of our members that enable us to continue to provide the best possible service to the AI community and promote and further the science of artificial intelligence by sustaining the many and varied programs that AAAI provides. AAAI invites all members and other interested parties to consider a gift to help support the open access initiative, as well as the dozens of other programs that AAAI currently sponsors. We hope you will include AAAI in your year-end gift plan. For more information about the Gift Program, please see www.aaai.org/Forms/donate.php or write to us at donate10@aaai.org.

2011 AAAI Spring Symposium Series

The 2011 AAAI Spring Symposium Series will be held Monday – Wednesday, March 21–23 at Stanford University and will feature eight symposia:

ICWSM

Fifth International Conference on Weblogs and Social Media

17–21 July 2011 • Barcelona, Spain

Sponsored by the Association for the Advancement of Artificial Intelligence

Submissions Invited for ICWSM-11!

The Fifth International AAAI Conference on Weblogs and Social Media will be held in Barcelona, Spain, July 17–21, 2011. ICWSM-11 will be collocated with IJCAI-11. The Conference Committee invites paper and poster/demo submissions from a broad array of disciplines, including computational linguistics/NLP, text mining/data mining, psychology, sociology (including social network analysis), anthropology, communications, media studies, visualization, political science, computational social science, HCI, economics, and graph theory, concrete analysis and simulation of graphical models. For complete submission instructions, please see www.icwsm.org/2011. In addition to the data challenge workshop, an expanded tutorial program, and a full slate of invited speakers, ICWSM-11 will feature a new workshop program, to be held on the final day of the conference.

Technical Abstract Submission: January 31, 2011
Technical Full Paper Submission: February 7, 2011
Notification of Acceptance: March 18, 2011
Camera Ready Due: April 4, 2011
Data Workshop Paper Submission: March 22, 2011
Tutorial Proposal Submission: February 18, 2011
Workshop Proposal Submission: January 7, 2011
Workshop Paper Submission: March 22, 2011

For more information about ICWSM-11, please write to icwsm11@aaai.org.

- AI and Health Communication
- Artificial Intelligence and Sustainable Design
- AI for Business Agility
- Computational Physiology
- Help Me Help You: Bridging the Gaps in Human-Agent Collaboration
- Logical Formalizations of Commonsense Reasoning
- Multirobot Systems and Physical Data Structures

- Modeling Complex Adaptive Systems As If They Were Voting Processes

Registration information is available at www.aaai.org/Symposia/Spring/sss11.php. Please note that the deadline for registration for invited participants is February 4 and the general registration deadline is February 25. For more information, please write to us at sss11@aaai.org.

New! AAAI Launches Senior Member Grade of Membership

AAAI is pleased to announce the launch of a AAAI Senior Member grade of membership. This status is designed to recognize members who have achieved significant accomplishments within the field of Artificial Intelligence. To be eligible for nomination for Senior Member, candidates must be consecutive members of AAAI for at least five years and have been active in the professional arena for at least ten years. Applications should include information that details the candidate's scholarship, leadership, and/or professional service.

At least two references, one of which must be written by a AAAI Fellow in 2011 (or by a Fellow or Senior Member in subsequent years), must accompany the senior member application. References should be submitted by colleagues who know the candidate, and are familiar with their work and accomplishments. Each year a maximum of 25 members will be elected to the Senior status.

All applications and references must conform to the requirements listed on the form, and must be received by 11:59 PM, March 15, 2011.

For complete details and an application form, please see www.aaai.org/Awards/senior.php, or contact Carol Hamilton at seniormember11@aaai.org.

New! The Feigenbaum Prize

The first biennial AAAI Feigenbaum Prize will be awarded in 2011 at the 25th anniversary of the AAAI Conference in San Francisco, California. The AAAI Feigenbaum Prize recognizes and encourages outstanding Artificial Intelligence research advances that are made by using experimental methods of computer science. The "laboratories" for the experimental work are real-world domains, and the power of the research results are demonstrated in those domains.

The Feigenbaum Prize may be given for a sustained record of high-impact seminal contributions to experimental AI research; or it may be given to reward singular remarkable innovation and achievement in experimental AI research.

The prize is $10,000 and is provided by the Feigenbaum Nii Foundation and administered by AAAI.

For complete details about how to submit nominations for this prize, please see www.aaai.org/Awards/feigenbaum.php

AAAI E-Mail Addresses Changed for 2011

aaai11
aiide11
aimagazine11
aitopics11
awards11
donate11
fellows11
fss11
iaai11
icwsm11
info11
membership11
orders11
press11
publications11
seniormember11
sss11
volunteer11
workshops11

(Add @aaai.org to all addresses.)

Please note that AAAI will be modifying its email addresses in 2011 in an effort to reduce the amount of spam that we are receiving. We will be adding 11 to all email addresses.

The number will be updated on an annual basis. AAAI can also be reached by filling out the contact form on the AAAI website *(click the contact link on any AAAI webpage).*

2011 Fall Symposium Series

The recent 2010 Fall Symposium Series was a great success with over 270 participants, and the introduction of the AI Theater Hour, complete with popcorn! The 2011 Fall Symposium Series will return to the Westin Arlington Gateway in Arlington, Virginia just outside of Washington, DC, Friday – Sunday, November 4-6. The 2011 program will be preceded by the biannual AI Funding Seminar on November 3.

Call for Papers

aaai-11 – san francisco

August 9–10, 2011, Collocated with AAAI-11

The Second Symposium on Educational Advances in Artificial Intelligence

Sponsored by the Association for the Advancement of Artificial Intelligence

EAAI-11 provides a venue for researchers and educators to discuss pedagogical issues and share resources related to teaching AI and using AI in education across a variety of curricular levels (K-12 through postgraduate training), with a natural emphasis on undergraduate and graduate teaching and learning. The symposium seeks contributions showing how to more effectively teach AI, as well as how themes from AI may be used to enhance education more broadly (for example, in introductory computing courses or as a means for teaching computational thinking). We encourage the sharing of innovative educational approaches that convey or leverage AI and its many subfields: robotics, machine learning, natural language, computer vision, and so on.

The EAAI-11 proceedings will be published by AAAI Press.

Paths for Participation

EAAI-11 provides several paths for participation, including the following:

- Full-length papers (6 pages) and presentations for the symposium
- Extended abstract/poster contributions (2 pages) highlighting preliminary or ongoing work, or describing an educational innovation proposed to be presented in a demonstration session
- A Model AI Assignments session highlighting innovative, ready-to-adopt materials
- A workshop for mentoring new faculty, instructors, and graduate students on teaching
- An Educational Video Track within the AAAI-11 Video program
- A Student/Educator Track within the AAAI-11 Robotics Exhibition and Workshop

Submission Topics

EAAI-11 welcomes paper submissions on a variety of topics, including, but not limited to the following:

- Educational resources, including syllabi, assignments, project ideas, and pedagogical strategies, related to teaching AI
- Multidisciplinary curricula highlighting the application of AI in other contexts (computational biology, algorithmic game theory, computational economics, and so on) and / or foundational concepts of AI in other fields (philosophy, cognitive science, linguistics, psychology)
- The use of robotics and other tangible media both in AI courses and elsewhere in the curriculum
- Software that assists the teaching / learning process — everything from software to help visualize search spaces and search algorithms, to software substrates that can be used by students to do projects
- Resources and strategies for teaching specific AI subareas or topics: machine learning, robotics, computer vision, natural language processing, game playing, and many others

- Strategies for appropriately situating AI within a wider computer-science curriculum
- Ways to incorporate or address popular entertainment and media portrayal of AI (in movies, news, advertisements, new products, and so on)
- Real-world examples of successful AI deployments, described in sufficient detail to provide case studies and / or serve as useful springboards for other teachers
- Innovative means for integrating research as part of coursework in AI

Ideally, full-length submissions to EAAI-11 should describe well developed ideas and/or pedagogical examples, and should include an evaluation of the work. Papers describing the use of robotics in the classroom should focus on evaluable pedagogical benefits of their use, and should be clearly differentiated from papers in the AAAI Robotics program.

EAAI-11 Model AI Assignments Session

As previously noted, EAAI-11 will feature a special session on Model AI Assignments suitable for use in a variety of class settings. The Call for Assignments for the Model AI Assignments special session is available at modelai.gettysburg.edu.

EAAI-11 Organizing Committee

Marie desJardins (chair), University of Maryland, Baltimore County (mariedj@cs.umbc.edu)

Zachary Dodds, Harvey Mudd College (dodds@cs.hmc.edu)
Haym Hirsh, Rutgers University (hirsh@cs.rutgers.edu)
Tom Lauwers, Carnegie Mellon University (tlauwers@gmail.com)
Todd Neller, Gettysburg College (tneller@gettysburg.edu)
Ingrid Russell, University of Hartford (irussell@hartford.edu)
Mehran Sahami, Stanford University (sahami@cs.stanford.edu)
Kiri Wagstaff, Jet Propulsion Laboratory (kiri.wagstaff@jpl.nasa.gov)

Additional Information

Additional information about the symposium is available on the supplemental website (eaai.stanford.edu).

2011 AAAI Special Award Nominations

AAAI is pleased to announce the continuation of its two special awards in 2011, and is currently seeking nominations for:

• The 2011 AAAI Classic Paper Award
• The AAAI Distinguished Service Award.

The 2011 AAAI Classic Paper Award will be given to the author of the most influential paper(s) from the Tenth National Conference on Artificial Intelligence, held in 1992 in San Jose, California.

The 2011 AAAI Distinguished Service Award will recognize one individual for extraordinary service to the AI community. Awards will be presented at AAAI-11 in San Francisco.

Complete nomination information, including nomination forms, is available at www.aaai.org/Awards/fellows.php.

The deadline for nominations is March 15, 2011.

For additional inquiries, please contact Carol Hamilton at hamilton@aaai.org.

AAAI Fellows Nominations Solicited

The 2011 Fellows Selection Committee is currently accepting nominations for AAAI Fellow.

The AAAI Fellows program is designed to recognize people who have made significant, sustained contributions to the field of artificial intelligence over at least a ten-year period. All regular members in good standing are encouraged to consider nominating a candidate. At least two references must accompany nominations. The nominator or one of the references must be a AAAI Fellow who is a current member of AAAI.

For further information about the Fellows Program or to receive nomination and reference forms, please contact AAAI at 650-328-3123; by fax at 650-321-4457; or by email at fellows11@aaai.org.

Nomination materials are also available on the AAAI web site at www.aaai.org/Awards/fellows.php.

The deadline for nominations is February 15, 2011.

Proposals for approximately eight symposia are now being accepted. Proposals should be sent no later than January 28, 2011 via email to Symposium Committee Chair Marjorie Skubic (University of Missouri) at skubicm@missouri.edu. For the complete Call for Proposals, please see www.aaai.org/Symposia/Fall/fss11.php. For questions, please contact us at fss11@aaai.org.

Visit AAAI on Facebook and LinkedIn

AAAI has a page on both Facebook and LinkedIn. We invite all interested individuals to check out the Facebook site by searching for AAAI. If you are a current member of AAAI, you can also join us on LinkedIn. We welcome your feedback on these new initiatives at info10@aaa.org.

Subscribe to the AAAI Announcements List and AI-Alert!

If you are a member of AAAI and would like to receive periodic announcements and reminders about AAAI programs or other noteworthy AI news, please go to www.aaai.org/cgi-dada/mail.cgi, choose AAAI-Members in the dropdown, enter your email address, and select "subscribe."

AI in the News Is Back!

Check out the latest news stories that mention AI every week at the AITopics home page: www.aaai.org/aitopics (select AI in the News). To subscribe to the mailing list for periodic alerts about AI in the News, please select AI-Alert in the dropdown menu, at www.aaai.org/cgi-dada/mail.cgi.

If your email address changes, please be sure to follow the instructions for unsubscribing at your old address and subscribing at your new address for each of these lists.

AAAI Job Bank

There has been quite a bit of activity on AAAI job bank recently. Check out the latest AI job postings at www.aaai.org/Magazine/job-bank.php. If you are an employer, we encourage you to submit your posting! Postings may be submitted at www.aaai.org/Forms/jobs-submit.php.