

Join us July 14-18 for AAAI in Bellevue, Washington on Seattle's Eastside!

The Twenty-Seventh AAAI Conference on Artificial Intelligence (AAAI-13) and the Twenty-Fifth Conference on Innovative Applications of Artificial Intelligence (IAAI-13) will be held in Bellevue, Washington at the Hyatt Regency Bellevue Hotel, July 14–18, 2013.

The AAAI technical program will consist of the main technical track and four special tracks on AI and the web, cognitive robotics, computational sustainability and AI, and robotics, as well as the continuation of the very successful spotlights track, highlighting significant AI results presented at our sister conferences in the past two years.

The AAAI and IAAI programs will also feature a keynote address by Raymond Mooney, entitled Grounded Language Learning, the Robert S. Englemore Award Lecture by Deborah L. McGuinness (Rensselaer Polytechnic Institute), a joint IAAI/AAAI invited talk by Larry Birnbaum (Northwestern University), and invited talks by Kristin P. Bennett (Rensselaer Polytechnic Institute), Vijay Kumar (University of Pennsylvania), Maja Mataric (University of Southern California), Tuomas Sandholm (Carnegie Mellon University), and Lawrence Hunter (University of Colorado).

The fourth iteration of the AAAI Symposium on Educational Advances on AI will be collocated with AAAI, and the AAAI program will also include 16 half-day tutorials, 12 workshops, AAAI robotics events, the AAAI Poker Competition, the Video Competition, Student Abstract Posters, the AAAI/SIGART Doctoral Consortium, and more!

The conference banquet will be held at the Bellevue Art Museum, and other special events are planned, such as a Puzzle Hunt. Stay tuned for updates!

Hotel information is available on the AAAI-13 conference web site at www.aaai.org/Conferences/AAAI/2013/aaai13hotel.php; the cut-off to qualify for the discounted AAAI rate is June 19, 2013. A special student rate has al-

AAAI News

Spring News from the Association for the Advancement of Artificial Intelligence

so been arranged at the hotel. Information about this will be sent directly to all student registrants, or please inquire by writing to aaai13@aaai.org.

Conference registration information and forms will be available in late March. The early registration deadline is May 17, 2013.

Bellevue

Bellevue, Washington, is not only surrounded by the magnificent natural beauty and outdoor spaces of the Pacific Northwest, it is at the hub of a vibrant AI community centered at the University of Washington, Microsoft, Facebook, Amazon, Boeing, and many other Seattle area research centers.

Bellevue is a thoroughly walkable city with a host of shopping and dining options adjacent to the Hyatt Regency conference hotel. For outdoor enthusiasts, Bellevue boasts miles and miles of nature trails, public parks and swim beaches within easy walking distance of downtown. Located on Seattle's eastside, Bellevue is also the gateway to the entire Puget Sound region. Within minutes you can explore Seattle's culture and history, visit Kirkland's waterfront parks and galleries, or tour Woodinville's Wine Country, home to 70 wineries and some of the world's best wines. You can even quench your taste for adventure with a day-trip to nearby mountains for hiking, biking, or skiing. For more information, please visit www.visitbellevuewashington.com/.

Heads Up!! AAAI-13 Call for Late-Breaking Papers

AAAI-13 invites short papers on late-breaking developments in the field of

artificial intelligence, to be presented at AAAI-13 in Bellevue. If your paper was not quite ready in January, this is your chance to present your work at AAAI. The purpose of late-breaking papers is to provide conference attendees with information about research that was initiated, enhanced, improved, or completed after the original paper submission deadline in January 2013. The deadline for receipt of late-breaking papers will be April 9, and decisions will be mailed by April 30. All accepted papers will be presented in poster format during the conference and published as part of the AAAI technical report series. Complete details will be posted on the AAAI-13 website soon!

AAAI-13 Volunteer and Student Scholar Program

AAAI is pleased to announce the continuation of its student volunteer programs for 2013. The student volunteer program is an essential part of the conference and student participation is a valuable contribution. Volunteers will support AAAI organizers in Bellevue. In 2013, 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 volunteer13@aaai.org. The deadline for volunteer applications is May 1, 2013.

AAAI-13 Tutorial Forum

The AAAI-13 Tutorial Forum will take place Sunday and Monday, July 14–15 just prior to the main conference. Attendance at the tutorials is included in the technical program registration. The tutorial program has been expanded in 2013 to include 16 half-day tutorials. For more details, please visit the AAAI-13 website.

(Schedule subject to change)

Sunday, July 14, 2013, 9:00 AM -- 1:00 PM

SA1: Combining Logic and Probability: Languages, Algorithms, and Applications; Kristian Kersting and Pedro Domingos

SA2: Decision Diagrams for Discrete Optimization; Willem-Jan Van Hoeve

SA3: Game Theory for Security; Albert Xin Jiang, Manish Jain, Rong Yang, and Bo An

SA4: Sentiment Mining from User Generated Content; Lyle Ungar and Ronen Feldman

Sunday, July 14, 2013, 2:00 PM – 6:00 PM

SP1: Deep Learning of Representation; Yoshua Bengio

SP2: Prediction, Belief, and Markets; Jenn Wortman Vaughan, and Jacob Abernethy

SP3: Symbolic Methods for Probabilistic Inference, Optimization, and Decision-making; Scott Sanner

SP4: Textual Inference; Sebastian Pado and Rui Wang

Monday, July 15, 2013, 9:00 AM – 1:00 PM

MA1: Answer Set Solving in Practice; Martin Gebser and Torsten Schaub

MA2: From Bandits to Monte-Carlo Tree Search: The Optimistic Principle Applied to Games, Optimization, and Planning; Remi Munos

MA3: Information Trustworthiness; Jeffrey Pasternack, Dan Roth, and V. G. Vinod Vydiswaran

MA4: Maximum Satisfiability and Extensions; Carlos Ansótegui

Monday, July 15, 2013, 2:00 PM – 6:00 PM

MP1: Automatically Improving Empirical Performance: Algorithm Configuration and Selection; Frank Hutter, Lars Kotthoff, Yuri Malitsky, Barry O'Sullivan, and Lin Xu

MP2: Equilibrium Computation; Nicola Gatti, Troels Bjerre Sorensen

MP3: Moving Agents in a Graph; Adriaan ter Mors

MP4: Semantic Web Rules: Fundamentals, Applications, and Standards; Benjamin Grosz, Mike Dean, and Michael Kifer

ready-to-adopt materials; a workshop for mentoring new faculty, instructors, and graduate students on teaching; an educational video track within the AAAI-13 video program; and a student/educator track within the AAAI-13 robotics program. For more information about the symposium, please visit the AAAI-13 website or write to us at aaai13@aaai.org.

Showcase Your Video at AAAI-13!

The organizers of the seventh annual AAAI Video Competition invite you to compose a short video about an exciting AI project, and narrate it so that it is accessible to a broad online audience. The goal of the Video Competition is to demonstrate how much fun AI is by documenting exciting artificial intelligence advances in research, education, and application.

Accepted videos will be screened at AAAI-13, and the developers of the best videos will be formally presented with awards. We strongly encourage student participation!

The submission deadline is April, 30 2013. The video competition cochairs are Marco Dorigo, Mauro Birattari and Rehan O'Grady (info@aaaivideos.org). For complete information about the program and how to submit, please consult the AAAI-13 conference website.

AAAI Seventh Annual Computer Poker Competition

The AAAI Computer Poker Competition showcases state-of-the-art intelligent programs for playing poker. Several important features differentiate poker from other games, including the presence of imperfect information (due to hidden cards) and stochastic events.

The AAAI Computer Poker Competition is the premiere venue for demonstrating poker-playing software systems, as exemplified by the previous years' competitions. The 2012 competition featured 29 poker-playing programs submitted from 10 countries. The games played in the 2013 competition will be variants of Texas Hold'em. There will be divisions for two-player limit, three-player limit, and two-player no-limit.

AAAI also hopes to continue its student scholarship program in 2013. Details about the AAAI-13 student scholarship program will be available in late March on the AAAI-13 website or by writing to aaai13@aaai.org.

Symposium on Educational Advances in Artificial Intelligence

The fourth AAAI Symposium on Educational Advances in Artificial Intelligence (EAAI) will be held in conjunc-

tion with AAAI-13 in Bellevue. 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 an emphasis on undergraduate and graduate teaching and learning.

The EAAI symposium comprises several components, including a program of high-quality refereed papers and posters; a Model AI Assignments session highlighting innovative,

Register by May 1, 2012. The Computer Poker Competition cochairs are Neil Burch and Eric Jackson (chair @computerpokercompetition.org). Please see the AAAI-13 conference website for complete information.

AIIDE-13 Is Moving to Boston!

Please plan to join us for the Ninth AAAI Conference on Artificial Intelligence and Interactive Digital Entertainment, to be held at Northeastern University in Boston, Massachusetts, October 14–18, 2013. AIIDE-13 is the definitive point of interaction between entertainment software developers interested in AI and academic and industrial AI researchers. The conference is targeted at both the research and commercial communities, promoting AI research and practice in the context of interactive digital entertainment systems with an emphasis on commercial computer and video games.

AIIDE-13 will include invited speakers, research and practitioner presentations, playable experiences, project demonstrations, interactive poster sessions, product exhibits, and a doctoral consortium. We invite researchers and developers to share insights and cutting-edge results from a wide range of AI-related problems and encourage the presentation of a) results from core AI research areas applicable to interactive digital entertainment and b) AI approaches developed and fielded in commercial systems.

The program has also includes a workshop program, which will be held on the first two days of the conference, October 14-15.

Please note these deadlines:

May 7, 2013

Research papers/Practitioner Track and Playable Experiences/Demonstration abstracts due

June 14, 2013

Doctoral Consortium applications due

July 3, 2013

Workshop paper submissions

The complete call for papers and other information is available at the AIIDE-13 web site (aiide.org).

AAAI-13 Workshop Program

Submission Deadline: Wednesday, April 3, 2013 (note deadline extension!) AAAI invites your participation in the AAAI-13 Workshop Program, to be held Sunday and Monday, July 14-15, 2013. Submission requirements vary for each workshop. For complete descriptions and submission information about each of the workshops, please see www.aaai.org/Workshops/ws13.php. The program includes the following twelve workshops:

- W1: Activity Context Representation: Techniques and Languages
Organizers: Lokendra Shastri
Sunday, July 14
- W2: Artificial Intelligence and Robotics Methods in Computational Biology
Organizers: Amarda Shehu, Juan Cortes, and Jianlin Cheng
Sunday, July 14
- W3: Combining Constraint Solving with Mining and Learning
Organizers: Tias Guns, Lars Kotthoff, Barry O'Sullivan, and Andrea Passerini
Sunday, July 14
- W4: Computer Poker and Imperfect Information
Organizers: Chris Archibald and Michael Johanson
Sunday, July 14
- W5: Expanding the Boundaries of Health Informatics Using AI
Organizers: Martin Michalowski, Wojtek Michalowski, Dympna O'Sullivan, and Szymon Wilk
Monday, July 15
- W6: Intelligent Robotic Systems
Organizers: Byron Boots, Nick Hawes, Todd Hester, George Konidaris, Tekin Meriçli, Lorenzo Riano, Benjamin Rosman, and Peter Stone
Sunday and Monday, July 14-15
- W7: Intelligent Techniques for Web Personalization and Recommendation
Organizers: Dietmar Jannach, Sarabjot Singh Anand, and Bamshad Mobasher
Monday, July 15
- W8: Learning Rich Representations from Low-Level Sensors
Organizers: Marc Pickett, Ben Kuipers, Yann LeCun, and Clayton Morrison
Monday, July 15
- W9: Plan, Activity, and Intent Recognition
Organizers: Hung Bui, Gita Sukthankar, Christopher Geib, and David Pynadath
Monday, July 15
- W10: Space, Time, and Ambient Intelligence
Organizers: Mehul Bhatt and Hans W. Guesgen
Sunday, July 14
- W11: Trading Agent Design and Analysis
Organizers: Vedran Podobnik
Monday, July 15
- W12: Statistical Relational Artificial Intelligence
Organizers: Vibhav Gogate, Kristian Kersting, Sriraam Natarajan, and David Poole
Monday, July 15

2013 Fall Symposium Series

The 2013 AAAI Fall Symposium Series will be held Friday through Sunday, November 15–17, at the Westin Arlington Gateway in Arlington, Virginia, adjacent to Washington, DC. The titles of the seven symposia are:

- (1) Behavioral Web Analytics;
- (2) Discovery Informatics: AI Takes a Science-Centered View on Big Data;
- (3) Integrated Cognition;
- (4) Levels of Abstraction in Artificial Intelligence Research;
- (5) Opportunities and Perils for Computational Virtual Organizations;
- (6) Semantics for Big Data; and
- (7) Social Networks and Social Conta-



Please Join Us for ICWSM-13!

The Seventh International AAAI Conference on Weblogs and Social Media will be held in Cambridge, Massachusetts, July 8–11. This interdisciplinary conference brings together researchers working at the nexus of computer science and the social sciences, with work drawing upon network science, machine learning, computational linguistics, sociology and communication. The broad goal of ICWSM is to increase understanding of social media in all its incarnations.

For ICWSM-13, in addition to a lively program of technical talks and posters, and invited presentations, the main conference will include a selection of keynote talks from prominent social scientists and technologists, including Fernanda Viégas and Martin Wattenberg (leaders of Google's Big Picture Visualization Research Group, Cambridge, Massachusetts) and David Lazer (director of the program on networked governance (PNG) and associate professor of public policy at Harvard University). ICWSM-13 will also hold a workshops and tutorials day on July 11, just after the main conference.

Tutorials will be taught by Riki Conrey (Advanced Methods for Collecting Social Science Data in the Social Media Field), Greg Ver Steeg and Aram Galstyan (Information-Theoretic Tools for Social Media Analysis), Amit Sheth, Patrick Meier, Carlos Castillo, and Hemant Purohit (Crisis Mapping, Citizen Sensing, and Social Media Analytics: Leveraging Citizen Roles for Crisis Response), Matteo Magnani and Luca Rossi (Multiple Network Models for Complex Online Social Network Analysis), and Muhammad Ahmad and Jaideep Srivastava (Pulse of Virtual Worlds: Behavioral Mining and SNA in Massive Online Games).

The workshop program will include the following four workshops:

W1: *Computational Personality Recognition (Shared Task)*, organized by Fabio Celli (University of Trento, Italy), Fabio Pianesi (Fondazione Bruno Kessler, Italy), David Stillwell (Psychometrics Centre, University of Cambridge, UK), and Michal Kosinski (Psychometrics Centre, University of Cambridge, UK) (mypersonality.org/wiki/doku.php?id=wcpr13)

W2: *Social Computing for Workforce 2.0*, organized by N. Sadat Shami (IBM), Werner Geyer (IBM Research), Munmun De Choudhury (Microsoft Research), Andreas Eckhardt (Goethe University Frankfurt), Sven Laumer (University of Bamberg) (socialworkforce.wordpress.com)

W3: *Social Media Visualization*, organized by Daniel Archambault (Swansea University), Eser Kandogan (IBM Research), and Martin Harrigan (Betapond) (socmedvis.swansea.ac.uk)

W4: *When the City Meets the Citizen*, organized by Elizabeth M. Daly, cochair (IBM Research, Ireland), Raz Schwartz, cochair (Rutgers University, USA), David R. Millen (IBM Research, Cambridge), Ingrid Erickson (Rutgers University, USA), Brian Keegan (Northeastern University, USA), Germaine Halegoua (University of Kansas, USA) (researcher.watson.ibm.com/researcher/view_project.php?id=4394)

Registration information will be available at the ICWSM-13 website in late March. The early registration deadline is May 3, and the late registration deadline is May 31. For full details about the conference program, please visit the ICWSM-13 website (icwsm.org) or write to icwsm13@aaai.org.

gion. Please watch the 2013 Fall Symposium Series website (www.aaai.org/Symposia/Fall/fss13.php) for the full call for participation, available in late March. The deadline for submissions is May 24, 2013.

AAAI Executive Council Elections

The link to the electronic version of the annual AAAI Ballot will be mailed to all regular individual AAAI members in the spring. The membership will vote for four new councilors, who will each serve three-year terms. The online voting system is expected to close on May 31. Please note that the ballot will be available via the online system only. If you have not provided AAAI with an up-to-date email address, please do so immediately by writing to membership13@aaai.org.

Annual Business Meeting

The Annual Business meeting for AAAI will be held this summer during AAAI-13 in Bellevue, Washington. The exact day and time will be announced at the time of the spring election, and will be listed in the summer issue of the magazine and the conference program.

AAAI Job Bank

Check out the latest AI job postings at www.aaai.org/Magazine/job-bank.php. Postings may also be submitted at the same site.

Support AAAI Programs with Your Special Donation

AAAI wishes to thank you for your ongoing support AAAI programs through the continuation of your AAAI membership. We count on you to help us deliver the latest information about artificial intelligence to the scientific community, and to nurture new research and innovation through our many conferences, workshops, and symposia. To enable us to continue this effort, we invite you to consider an additional gift to AAAI. For information on how you can contribute to

the open access initiative, please see www.aaai.org and click on "Gifts."

Stay Informed with AAAI Member Announcements

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." The latest news about AI can be viewed every week at the AITopics site (aitopics.org/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 Member News

AAAI congratulates the following members for their significant honors and accomplishments!

Lotfi Zadeh Wins BBVA Foundation Frontiers of Knowledge Award

Lotfi Zadeh, AAAI Fellow has been awarded the BBVA Foundation Frontiers of Knowledge Award in the information and communication technologies (ICT) category "for the invention and development of fuzzy logic." The BBVA Foundation Frontiers of Knowledge and Culture Awards seek to recognize and encourage world-class research and artistic creation, prizing contributions of broad impact for their originality and theoretical significance. The award has been given annually for the past five years, and includes €400,00, a diploma, and a commemorative artwork in each prize category. An awards ceremony will be held in Madrid, June 19-20.

Martha Pollack Named University of Michigan Provost
Martha Pollack, AAAI past president

and fellow, was recently selected as the University of Michigan's provost and executive vice president for academic affairs. Pollack's two-year appointment will be effective May 6. She has served since 2010 as the vice provost for academic and budgetary affairs, and is also a professor of information in the School of Information and professor of computer science and engineering in the College of Engineering. Prior to becoming vice provost, Pollack served as dean of the School of Information and before that as associate chair for computer science and engineering in the Department of Electrical Engineering and Computer Science.

Eric Horvitz Elected to the National Academy of Engineering

Eric Horvitz, AAAI past president and Fellow, was recently elected to the National Academy of Engineering (NAE). NAE announced in February that it has elected 69 new members and 11 foreign associates. Academy membership honors those who have made outstanding contributions to "engineering research, practice, or education, including, where appropriate, significant contributions to the engineering literature," and to the "pioneering of new and developing fields of technology, making major advancements in traditional fields of engineering, or developing / implementing innovative approaches to engineering education." Horvitz is being honored specifically for his accomplishments in the area of computational mechanisms for decision making under uncertainty and with bounded resources.

IJCAI Announces 2013 Awards

The IJCAI-13 award are awarded by the IJCAI Board of Trustees, upon recommendation by the IJCAI-13 Awards Selection Committee. The IJCAI Distinguished Service Award honors senior scientists in AI for contributions and service to the field during their careers.

IJCAI-13 Award for Research Excellence

The IJCAI Research Excellence award

is given to a scientist who has carried out a program of research of consistently high quality yielding several substantial results. The winner of the 2013 Award for Research Excellence is Hector Levesque, professor of computer science at the Department of Computer Science of the University of Toronto. Levesque is recognized for his work on a variety of topics in knowledge representation and reasoning, including cognitive robotics, theories of belief, and tractable reasoning.

IJCAI-13 Computers and Thought Award

The IJCAI Computers and Thought Award is presented at IJCAI conferences to outstanding young scientists in artificial intelligence. The winner of the 2013 IJCAI Computers and Thought Award is Kristen Grauman, associate professor in the Department of Computer Science, University of Texas at Austin. Grauman is recognized for her fundamental contributions to recognition and search problems in computer vision.

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. At IJCAI-13, the Donald E. Walker Distinguished Service Award will be given to Wolfgang Wahlster, CEO and scientific director of the German Research Center for Artificial Intelligence and professor at the Saarland University. Wahlster is recognized for his substantial contributions, as well as his extensive service to the field of artificial intelligence throughout his career.