AAAI News

Winter News from the Association for the Advancement of Artificial Intelligence

AAAI-15 and IAAI-15 Are Almost Here!

The Twenty-Ninth AAAI Conference on Artificial Intelligence (AAAI-15) and the Twenty-Seventh Conference on Innovative Applications of Artificial Intelligence (IAAI-15) will be held January 25–30 at the Hyatt Regency Austin in Austin, Texas, USA. Austin is home to one of the largest and oldest communities of AI researchers in the world, with more than a dozen AI-related labs at the University of Texas at Austin.

Included here are a few highlights, but for the full program, links, and schedule information, please visit aaai.org/aaai15.

Robotics!

AAAI will feature a host of robotics exhibitions, demonstrations, and invited talks. In addition to the AI Robotics Early Career Spotlight Talk and Robotics in Texas program, a few highlights of the Robotics Festival will include the following:

50 Years of AI & Robotics

Please join us for this special panel celebrating the 50th anniversary of Shakey, which will be held on Tuesday, January 27, cosponsored by AAAI and the IEEE Robotics and Automation Society, the IEEE International Conference on Robotics and Automation and the Robotics: Science and Systems Conference. Panelists will include Edward Feigenbaum, Peter Hart, and Nils Nilsson.

RoboCup Soccer Exhibition

Given the recent expansion of interest in intelligent robotics, AAAI and the RoboCup Federation, with the help of NSF, are cosponsoring a RoboCup soccer exhibition match at AAAI-15 (January 26–27) to showcase the state-of-the-art in robotics soccer to the broad artificial intelligence research community and spur additional interest in this exciting testbed for intelligent systems.

The RoboCup competitions have promoted research on artificial intelligence and robotics since 1997. One of their main foci is the worldwide popular game of soccer, with the aim to build fully autonomous cooperative multi-robot systems that perform well in dynamic and adversarial environments.

The participating teams in the AAAI-15 event will be UPennalizers from The University of Pennsylvania, UT Austin Villa from the University of Texas at Austin, and rUNSWift from the University of New South Wales. Each team won a championship at the 2014 international competition (in the humanoid league, 3D simulation league, and Standard Platform League respectively). They will demonstrate a game according to the regulations of the Standard Platform League, in which all teams use identical Aldebaran Nao robots.

Robotics Exhibition

Research groups and robotics companies will participate in the AAAI Robotics Exhibition, demonstrating their robot systems throughout AAAI-15. The Exhibition will span the AAAI-15 Open House program on Monday, January 26 through Thursday, January 29. The open house will be open to high-school students and other selected members of the general public. Demonstrations that highlight progress in robotics during the past five years will be featured.

NSF-Sponsored Workshop on Research Issues at the Boundary of AI and Robotics

This full-day workshop on January 25 is an initiative resulting from cooperation between AAAI and the IEEE. It is designed to bring together AI experts, robotics experts and program directors to compile a list of recommendations to funding agencies, professional organizations and individual researchers for how to push the boundary of AI and robotics.

Students!

As part of AAAI's outreach to students in 2015, AAAI-15 will include many special programs specifically for students, including the following:

Student Newcomer Lunch: AAAI will holds its inagural Student Newcomer Lunch on Sunday, January 25, at 1:00 PM. This lunch is designed to welcome first-time students to the conference and give them an opportunity to meet other participants before the launch of the main conference.

AAAI-15 Open House: The AAAI-15 Open House will be held Monday, January 26, for high-school students in the Austin area, the general public, graduate and undergraduate students, and established AI researchers. The latest work in many areas of AI will be showcased.

Breakfast with Champions: A Women's Mentoring Event: AAAI is holding an inaugural women's mentoring event between women students and senior women in CS/AI. Breakfast with Champions will be Wednesday morning, January 28 at 7:15 AM. This event follows on the successful footsteps of the Doctoral Consortium Mentoring program.

Information about these and all student programs is available on the AAAI Registration form at www.regonline.com/aaai15 and at http://movingai.com/AAAI15/.

ICWSM-15

The Ninth International AAAI Conference on Web and Social Media (ICWSM) will be held May 26-29, 2015 in Oxford, England, UK.

January 18: Abstracts Due
January 23: Papers, Posters, and Demos Due. See www.icwsm.org for details.

2015 AAAI Spring Symposia

The Twenty-Eighth AAAI Spring Symposium Series will be held March 23–25 at Stanford University, in cooperation with the Stanford Computer Science Department. The eight symposia are (1) Ambient Intelligence for Health and Cognitive Enhancement; (2) Applied Computational Game Theory; (3) Foundations of Autonomy and Its (Cyber) Threats: From Individuals to Interdependence; (4) Knowledge Representation and Reasoning: Integrating Symbolic and Neural Approaches; (5) Logical Formalizations of Commonsense Reasoning; (6) Socio-Technical Behavior Mining: From Data to Decisions; (7) Structured Data for Humanitarian Technologies: Perfect Fit or Overkill? and (8) Turn-Taking and Coordination in Human-Machine Interaction.

February 27, 2015 is the general registration deadline. The website is located at www.aaai.org/Symposia/Spring/