AAAI News

**Fall News from the
Association for the Advancement
of Artificial Intelligence**

AAAI-15 and IAAI-15
Move to the Winter!

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 25–29 at the Hyatt Regency Austin in Austin, Texas, USA. Austin, the Live Music Capital of the World, and the state capital of Texas, is home to one of the largest and oldest communities of artificial intelligence researchers in the world, with more than a dozen AI-related labs at the University of Texas at Austin. AAAI is working closely with the local AI community to create opportunities for attendees to experience AI in Texas! Attendees can also enjoy nearly 200 music venues that feature everything from rock and blues to country and jazz every night of the week. Austin cuisine has expanded from barbecue and Tex-Mex to award-winning and inventive international cuisine, and blossomed beyond brick-and-mortar restaurants to a vibrant, citywide food truck movement. As the state capital, Austin is also home to a wonderful ballet, world-class museums, one-of-a-kind shopping and beautiful outdoor spaces. For local information, please visit the Austin Visitors site at /www.austintexas.org.

Innovation, Robotics, Students!

The main themes of AAAI-15 are innovation, robotics, and student outreach! As such, the program chairs have worked hard to infuse every aspect of the conference with new and exciting features, and have put together an expansive new robotics program spanning the entire week. In addition, AAAI-15 will reach out to students in all areas of AI research and offer myriad opportunities for their participation at the conference.

Please note these upcoming deadlines:

New! AAAI-15
Demonstrations Program
October 1 (Short Papers Due)

The innovative new Demonstrations Program is intended to foster discussion and exchange of ideas among researchers and practitioners from academe and industry by presenting software and hardware systems and research prototypes of such systems, including their capabilities and workings. Participants in the AAAI-15 Robotics Exhibition and the AAAI-15 Video Competition are encouraged to contribute to the Demonstration Program with their systems, if appropriate.

Senior Member
Presentation Track: Blue Sky Ideas
October 8 (Papers Due)

The Senior Member Track provides an opportunity for established researchers in the AI community to give a broad talk on a well-developed body of research, an important new research area, or a promising new topic. This year, new "Blue Sky Ideas" track is seeking presentations aimed at presenting ideas and visions that can stimulate the research community to pursue new directions, such as new problems, new application domains, or new methodologies that are likely to stimulate significant new research. The Blue Sky Ideas track will be sponsored by the Computing Community Consortium, which will give three awards ($1000, $750 and $500), for the three best submissions in this category, to be used as travel grants for the presenters.

AAAI-15 Workshop Program
October 14 (Submissions Due)

The workshop program includes 16 workshops covering a wide range of topics in artificial intelligence. The AAAI-15 Workshop Call for Participation is now available at www.aaai. org/Workshops/ws15.php. Workshop submissions are due October 14, unless otherwise noted at the individual workshop website. Submission requirements vary for each workshop. Please consult the individual workshop description for complete information about where to submit your paper and a link to the workshop supplementary website, where more detailed information will be available.

AI Video Competition

October 15 (Submissions Due)

In addition to the usual criteria for video submissions, the 2014 organizers particularly encourage submissions from the AAAI-15 main track and demonstration program.

AAAI-15 Robotics Festival

October 1 (AI Robotics Fellowship Applications Due)
November 1 (Robotics Exhibition Registrations due)

This comprehensive program will comprise a large number of events, including the robotics exhibition (watch for "Robotics in Texas"!), an AI Robotics Fellowship program (aimed at Ph.D. students from robotics labs that typically do not publish at AI venues), a track with selected papers from Robotics: Science and Systems 2014, an AI Robotics Early Career Spotlight Talk and other invited talks, 50 Years of AI & Robotics: A Celebration of Shakey, 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.

Expanded AAAI-15 Student Activities

AAAI will launch its student activities with an Open House for local high school students, graduate and undergraduate students, and established researchers on January 26. The ACM SIGAI Early Career Research Networking Event will be co-located with AAAI-15, and several other activities are planned specifically for student involvement, such as Lunch with a AAAI Fellow, Women's Mentoring Lunch, AAAI Newcomers' Lunch, AI Job Fair, Student Travel Coordination, Student Social Activities, and the Student Volunteer Program. For complete information, please visit movingai.com/AAAI15.

For complete information about AAAI-15, please visit the website at www.aaai.org/ aaai15 or write to us at aaai14@aaai.org.

AAAI-15 and IAAI-15 Program Cochairs

The AAAI-15 program cochairs are Blai Bonet (Universidad Simón Bolívar, Venezuela) and Sven Koenig (University of Southern California, USA). The IAAI-15 conference chair and cochair are David Gunning, Conference Chair (PARC, USA) and Peter Z. Yeh, Conference Cochair (Nuance Communications, USA)

We hope to see you in Austin this winter!

AAAI Congratulates New Senior Members!

AAAI announced its new class of AAAI Senior Members at the recent AAAI-14 Conference in Quebec City. Senior Member status is designed to recognize AAAI 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. AAAI congratulates the new Senior Members:

- Juan Carlos Augusto (Middlesex University, UK)
- Vinay K. Chaudhri (SRI International, USA)
- Peter E. Clark (Allen Institute for Artificial Intelligence, USA)
- Robin Cohen (University of Waterloo, Canada)
- David W. Franke (Vast.com, USA)
- Alex A. Freitas (University of Kent, UK)
- Judy Goldsmith (University of Kentucky, USA)
- Jeff Heflin (Lehigh University, USA)
- Robert R. Hoffman (Institute for Human and Machine Cognition, USA)
- Vasant Honavar (The Pennsylvania State University, USA)
- Lawrence E. Hunter (University of Colorado School of Medicine, USA)
- Froduald Kabanza (Universite de Sherbrooke, Canada)
- James Liu (Hong Kong Polytechnic University, Hong Kong)
- Cindy Marling (Ohio University, USA)
- David L. Martin (Nuance Communications, USA)
- Maja J. Mataric (University of Southern California, USA)
- Alice M. Mulvehill (Memory Based Research, LLC, USA)
- Lin Padgham (RMIT University, Australia)
- Lynne E. Parker (University of Tennessee, USA)
- Gerald Penn (University of Toronto, Canada)
- William C. Regli (Drexel University, USA)
- Sandip Sen (University of Tulsa, USA)
- Miroslav N. Velev (Aries Design Automation, LLC, USA)
- John Yen (The Pennsylvania State University, USA)
- Zhi-Hua Zhou (Nanjing University, China)

Congratulations to the 2014 AAAI Award Winners!

Manuela Veloso, AAAI Outgoing President, Henry Kautz, AAAI Past President and Awards Committee Chair, and Tom Dietterich, AAAI Incoming President, presented the AAAI Awards in July at AAAI-14 in Quebec City.

The 2014 AAAI Classic Paper Award

The 2014 AAAI Classic Paper Award was given to the authors of the most influential papers from the Thirteenth National Conference on Artificial Intelligence, held in 1996 in Portland, Oregon. Michael J. Pazzani, Jack Muramatsu and Daniel Billsus were honored for their paper, Syskill & Webert: Identifying Interesting Web Sites, and its significant contributions to the field of personalizing Internet content and learning user profiles.

Congratulations to the 2014 AAAI Fellows!

Each year a small number of fellows are recognized for their unusual distinction in the profession and for their sustained contributions to the field for a decade or more. An official dinner and ceremony was held in their honor during AAAI-14 in Quebec City, Quebec, Canada.

Carla E. Brodley (Northeastern University)

For significant contributions to machine learning and its application to science, engineering and medicine, and to increasing the participation of underrepresented groups in computer science.

Jonathan Gratch (USC Institute for Creative Technologies)

For significant contributions to the fields of affective computing, virtual human research and autonomous systems.

Michael N. Huhns (University of South Carolina)

For significant contributions to the field of multiagent systems and its applications in information management and service-oriented computing.

Kevin Knight (Information Sciences Institute, University of Southern California)

For significant contributions to statistical machine translation, automata for natural language processing, and decipherment of historical manuscripts.

James C. Lester (North Carolina State University)

For significant and sustained contributions to artificial intelligence technologies for education.

Chih-Jen Lin (National Taiwan University)

For significant contributions to the field of machine learning, and the development of a widely used SVM software.

Sridhar Mahadevan (University of Massachusetts Amherst)

For significant contributions to the field of machine learning including pioneering work in robot learning and representation discovery.

Mark Maybury (MITRE Corporation)

For advancing natural language text generation and summarization, intelligent multimedia systems, intelligent user interfaces and knowledge management.

David C. Parkes (Harvard University)

For significant contributions to multi-agent systems research through advances in auctions and mechanism design and development of the CS-economics research community.

Michael Pazzani is the Vice Chancellor for Research and Economic Development and a Professor of Computer Science and Engineering at University of California, Riverside. He received a Ph.D. in computer science from UCLA in 1988. He served as an assistant, associate, and full professor at the University of California, Irvine, and a distinguished professor of computer science at Vice President of Research and Graduate Studies at Rutgers University. From 2002-2005, he was the Director of Informational and Intelligence Systems at the National Science Foundation. He is a fellow of the Association for the Advancement of Artificial Intelligence.

Daniel Billsus received his Ph.D. in Computer Science from the University of California, Irvine in 2000. Since then he has held various research positions at the intersection of Information Retrieval and Machine Learning, including CTO at AdaptiveInfo, Senior Research Scientist at FX Palo Alto Laboratory, and most recently, Director of Research at eBay Advertising.

In addition, the Awards Committee presented two honorable mentions to Wolfram Burgard, Dieter Fox, Daniel Hennig, and Timo Schmidt for their paper, Estimating the Absolute Position of a Mobile Robot Using Position Probability Grids, for its significant contributions to solving the problem of self-localization of mobile robots, and to Henry Kautz and Bart Selman for Pushing the Envelope: Planning, Propositional Logic, and Stochastic Search, which established satisfiability testing as a wide-ranging method for solving planning problems.

Dieter Fox is a Professor in the Department of Computer Science & Engineering at the University of Washington, where he heads the UW Robotics and State Estimation Lab. From

Join Us in Pittsburgh, Pennsylvania for HCOMP 2014!

Please join us for the Second AAAI Conference on Human Computation and Crowdsourcing (HCOMP-2014), to be held November 2-4 at the Omni William Penn Hotel, Pittsburgh, Pennsylvania, USA. The program will include keynote addresses by Robert E. Kraut, Herbert A. Simon Professor of Human-Computer Interaction at Carnegie Mellon University and Kristen Grauman, Associate Professor of Computer Science at the University of Texas at Austin. A full program of presentations on new research, works-in-progress and demos, as well as the following workshop program is also scheduled:

Crowdsourcing, Online Education, and Massive Open Online Courses
Organizers: Markus Krause (Leibniz University), Praveen Paritosh (Google), Joseph Jay Williams (Stanford University)

Citizen + X: Workshop on Volunteer-based Crowdsourcing in Science, Public Health and Government
Organizers: Edith Law (Harvard University), Cliff Lampe (University of Michigan)

HCOMP is cross-disciplinary, aimed at promoting the scientific exchange of advances in human computation and crowdsourcing among researchers, engineers, and practitioners across a spectrum of disciplines. The conference was created to serve as a key focal point and scholarly venue for the review and presentation of the highest quality work on principles, studies, and applications of human computation. The meeting seeks and embraces work on human computation and crowdsourcing in multiple fields, including human-centered fields like human-computer interaction, cognitive psychology, economics, management science, and social computing, and technical fields like databases, systems, information retrieval, optimization, vision, speech, robotics, machine learning, and planning.

Complete registration and hotel information is available at www.humancomputation.com/2014/. The late registration deadline is October 10, 2014. The deadline for hotel reservations at the Omni is October 2, 2014. The discounted room rate of $139/$149 per night (single/double) may not be available after this date.

2009 to 2011, he was also Director of the Intel Research Labs Seattle. Dieter obtained his Ph.D. from the University of Bonn, Germany. Before going to UW, he spent two years as a postdoctoral researcher at the CMU Robot Learning Lab. Fox's research is in artificial intelligence, with a focus on state estimation applied to robotics and activity recognition. He has published over 150 technical papers and is co-author of the text book "Probabilistic Robotics". He is a fellow of the AAAI and received several best paper awards at major robotics and AI conferences. Dieter is also an editor of the IEEE Transactions on Robotics, was program co-chair of the 2008 AAAI Conference on Artificial Intelligence, and served as the program chair of the 2013 Robotics Science and Systems conference.

Wolfram Burgard is a professor for computer science at the University of Freiburg and head of the research

The Tenth AAAI Conference on Artificial Intelligence and Interactive Digital Entertainment

The Tenth AAAI Conference on Artificial Intelligence and Interactive Digital Entertainment will be held at North Carolina State University in Raleigh, North Carolina, USA, October 3-7, 2014. AIIDE is the definitive point of interaction between interactive entertainment software developers interested in AI and academic and industrial AI researchers. Sponsored by AAAI, 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-14 will include invited talks by Peter Carr (Disney Research), Squirrel (Brian) Eiserloh (The Guildhall, SMU), Peter Ingebretson (Electronic Arts), and Andrea Thomaz (Georgia Tech), as well as technical paper presentations, a poster/demo session, a Doctoral Consortium, and the annual Starcraft AI Competition. A newly formed 2013 track on Playable Experiences will continue this year with 7 examples of articulable innovation in the use of AI that directly affect the user's experience, including novel game designs that leverage existing AI techniques, as well as innovations in the techniques themselves that lead to new kinds of playable experiences. Finally, the workshop program, to be held October 3 and 4, will include the following five workshops:

W1: Artificial Intelligence in Adversarial Real-Time Games (Friday, October 3)
Website: https://skatgame.net/mburo/aiide14ws/
Organizers: Michael Buro (University of Alberta), Santiago Ontan.on (Drexel University)

W2: The First Diversity in Games Research Workshop (DiGR) (Saturday, October 4)
Website: dgrc.ncsu.edu/digrhome
Organizers: Tiffany Barnes ((North Carolina State University), Hector Munoz-Avila (Lehigh University, USA), R. Michael Young (North Carolina State University)

W3: Experimental AI in Games Workshop (Saturday, October 4)
Website: www.exag.org
Organizers: Alex Zook (Entertainment Intelligence Lab, Georgia Institute of Technology), Mike Cook (Computational Creativity Group, Goldsmiths, University of London)

W4: 3rd Workshop on Games and NLP (GAMNLP-14) (Friday, October 3)
Website: https://sites.google.com/site/gamnlp14/
Organizers: Noriko Tomuro (DePaul University, USA), Kristy Boyer (North Carolina State University, USA), Yun-Gyung Cheong (IT University of Copenhagen, Denmark)

W5: 3rd International Workshop on Musical Metacreation (MUME 2014) (Saturday, October 4)
Website: www.metacreation.net/mume2014/
Organizers: Philippe Pasquier (Simon Fraser University, Canada), Arne Eigenfeldt (Simon Fraser University, Canada), Oliver Bown (The University of Sydney, Australia), Nicolas Gonzalez Thomas (Simon Fraser University, Canada)

The full conference program and registration information is available at aiide.org. The late registration deadline is September 15. Onsite rates will be in effect after that date, but preregistration is preferred. The online registration form is available at www.regonline.com/aiide14, and will be open through the conference period. Registrations will be accepted onsite outside the Institute for Emerging Issues Multi-Purpose Room in the James B. Hunt Jr. Library building, 1070 Partners Way, Campus Box 7132, Raleigh, NC 27606 on the North Carolina University campus. For more information about registration or hotels in the area, please consult www.aiide.org, or write to aiide14@aaai.org.

lab for Autonomous Intelligent Systems. His areas of interest lie in mobile robotics and artificial intelligence. His research mainly focuses on the development of robust and adaptive techniques for state estimation and control. Over the past years, he and his group have developed a series of innovative probabilistic techniques for robot navigation and control. They cover different aspects including localization, map building, SLAM, path planning, exploration, and mobile manipulation. Wolfram Burgard has coauthored over 300 scientific publications. He is Fellow of the European Coordinating Committee for Artificial Intelligence (ECCAI) and of the Association for the Advancement of Artificial Intelligence (AAAI). In 2009, he received the Gottfried Wilhelm Leibniz Prize, the most prestigious German research award. Wolfram Burgard is coordinator of the Cluster of Excellence BrainLinks-BrainTools.

Since receiving his master in computer science in 1998 Daniel Hennig works for a major German financial institute. He has managed a range of IT projects mainly regarding software developement, and became a Certified Project Management Associate (IPMA/GPM) in 2003. In 2008 he took the position of a Quality Manager dealing with the compliance of projects to well-defined CMMI processes, which includes being an internal project coach. His actual interests lie in process optimization by applying a Continuous Improvement Process (CIP) and adapting agile project management methods in a multi project environment. Furthermore he looks into release quality prediction and has developed a set of key performance indicators including tools for automated generation.

Timo Schmidt is chief executive officer and owner of TAUBER Business Solutions, Principal Consultant and Software Developer for Data Center Infrastructure and Services Monitoring Solutions. After leaving University in 1996 he worked two years as a Consultant for SAP and Database Installation and Customizing. In 1998 he started working as a Consultant for Data Center Infrastructure and Service Monitoring. Since then he planned, implemented and optimized Systems Management Solutions at small, medium and large Data Centers all over Europe. Today his interests lie in extending, optimizing and automating large Infrastructure and Service Monitoring Solutions.

Henry Kautz is Director of the Institute for Data Science and a Professor in the Department of Computer Science at the University of Rochester. He performs research in social media and public health, grounded natural language learning, pervasive computing, search algorithms, and assistive technology. His academic degrees are an A.B. in Mathematics from Cornell University, an M.A. in Creative Writing from the Johns Hopkins University, an M.Sc. in Computer Science from the University of Toronto, and a Ph.D. in computer science from the University of Rochester.

The 2014 AAAI Distinguished Service Award

The 2014 AAAI Distinguished Service Award recognizes one individual for extraordinary service to the AI community. The AAAI Awards Committee is pleased to announce that this year's recipient was David B. Leake, Indiana University. Leake was honored specifically in recognition of his outstanding work as Editor-in-Chief of *AI Magazine,* the journal of record for the AI community, for more than 15 years, his sustained service as AAAI Publications Chair, and his seminal work and service in the case-based reasoning and learning community.

David Leake is Executive Associate Dean and Professor of Computer Science in the School of Informatics and Computing at Indiana University, Bloomington, and a member of the Indiana University Cognitive Science faculty and Data to Insight Center. He received his Ph.D. in Computer Science from Yale University in 1990. His research interests include case-based reasoning, context, explanation, human-centered computing, intelligent user interfaces, introspective reasoning, and knowledge capture and management. He has over 150 publications in these areas. He chairs the AAAI Publications Committee and is Editor in Chief of *AI Magazine, t*he official magazine of AAAI, roles in which he has served since 1999. He has chaired/co-chaired numerous conferences/workshops and is a recipient of Indiana University's Trustees' Teaching Award.

For more information about nominations for AAAI 2014 Awards, please contact Carol Hamilton at hamilton@aaai.org or +1-650-328-3123.

He was a researcher and department head at Bell Labs and AT&T Laboratories until becoming a Professor in the Department of Computer Science and Engineering of the University of Washington in 2000. He joined University of Rochester in 2006. He holds the rank of Fellow in the American Association for the Advancement of Science (AAAS), the Association for Computing Machinery (ACM), and AAAI. He has served as President of AAAI and is a winner of the IJCAI Computers and Thought Award.

Bart Selman is a Professor of Computer Science at

AAAI Member News

Manuela Veloso (Past President), Thomas G. Dietterich (President), Subbarao Kambhampati (President-Elect).

Past President: Manuela Veloso (Carnegie Mellon University, USA)

President-Elect: Subbarao Kambhampati (Arizona State University, USA)

Secretary-Treasurer: Ted Senator (Leidos, USA)

Incoming Councilors (through 2017)

Sonia Chernova (Worcester Polytechnic Institute, USA)

Vincent Conitzer (Duke University, USA)

Boi Faltings (École polytechnique fédérale de Lausanne, Suisse)

Stephen Smith (Carnegie Mellon University, USA)

In addition to the individuals listed above, eight councilors elected in 2013 and 2012 will continue their terms of service during the coming year. For a complete list, please refer to www.aaai.org/Organization/officers.php.

AAAI is pleased to announce and congratulate the incoming slate of officers and councilors for the AAAI Executive Council.

President: Thomas G. Dietterich (Oregon State University, USA)

AAAI also thanks the outgoing past president, Henry Kautz, and the four retiring Councilors, for their dedicated service and generous donation of time. The four retiring officers are Kate Larson, Michael Wooldridge, Makoto Yokoo, and Shlomo Zilberstein.

Cornell University. He previously was at AT&T Bell Laboratories. His research interests include computational sustainability, efficient reasoning procedures, planning, knowledge representation, and connections between computer science and statistical physics. He has (co-)authored over 100 publications, including six best paper awards. His papers have appeared in venues spanning Nature, Science, Proc. Natl. Acad. of Sci., and a variety of conferences and journals in AI and Computer Science. He has received the Cornell Stephen Miles Excellence in Teaching Award, the Cornell Outstanding Educator Award, an NSF Career Award, and an Alfred P. Sloan Research Fellowship. He is a Fellow of AAAI and a Fellow of the American Association for the Advancement of Science.

AAAI-14 Program Committee Awards

AAAI-14 Program Cochairs Carla Brodley and Peter Stone recognized the following members of the AAAI-14 Program Committee for their distinguished service on the committee. These individuals went above and beyond the expectations for the role, showing exceptional judgment, clarity, knowledgeability, and leadership in reaching a consensus decision while serving on the committee.

Outstanding Senior Program Committee Members
Adele Howe (Colorado State University, USA)
Malte Helmert (University of Basel, Switzerland)
Dragos Margineantu (Boeing, USA)

Outstanding Program Committee Members
Johannes Fürnkranz (TU Darmstadt, Germany)
Andrey Kolobov (Microsoft Research, USA)
Ulle Endriss (ILLC, University of Amsterdam, Netherlands)
Umberto Grandi (University of Padova, Italy)

AAAI-14 Outstanding Paper Award

This year, AAAI's Program Cochairs selected five finalists for the AAAI-14 Outstanding Paper Award, which honors papers that exemplify high standards in technical contribution and exposition. Candidate papers for the AAAI-14 awards were selected based on overall ratings and nominations by members of the AAAI-14 Program Committee. The winner of the award was selected by a panel of senior program committee members and chairs based on oral and poster presentations at the conference in Quebec City, as well as final papers that appear in the proceedings. Papers were judged on scientific quality of the research, especially as it could be appreciated by a broad AAAI audience. AAAI congratulates the winning authors!

AAAI-14 Outstanding Paper Award

Recovering from Selection Bias in Causal and Statistical Inference (Elias Bareinboim, Jin Tian, Judea Pearl)

Honorable mention was also awarded to the authors of the four other nominated papers:

Placement of Loading Stations for Electric Vehicles: No Detours Necessary! (Stefan Funke, André Nusser, Sabine Storandt)

Manifold Learning for Jointly Modeling Topic and Visualization (Tuan M. V. Le, Hady W. Lauw)

Tractability through Exchangeability: A New Perspective on Efficient Probabilistic Inference (Mathias Niepert, Guy Van den Broeck)

Generalized Label Reduction for Merge-and-Shrink Heuristics (Silvan Sievers, Martin Wehrle, Malte Helmert)

2014 AI Video Competition Winners

The eighth annual AI Video Competition was held during AAAI-14 and several winning videos were honored during the awards presentation. Videos were nominated for awards in five categories, and winners received a "Shakey" award in a special ceremony at the conclusion of the conference. Our thanks go to Mauro Birattari and Sabine Hauert for all their work on this program! The winners of the five awards were as follows:

Best Video

Evolving Neural Networks that Are Both Modular and Regular (Joost Huizinga, Jean-Baptiste Mouret, Jeff Clune, University of Wyoming)

youtu.be/FUqYNRZTl3U

Best Short Video

Autonomous Social Head Gaze (Vasant Srinivasan, Zachary Henkel, and Robin R. Murphy, Texas A&M University)

youtu.be/ZBC-vdxMZJo

Best Robot Video

How to Engineer a Dog (Marco Hutter, Mark

The 2014 Robert S. Engelmore Memorial Lecture Award

The Robert S. Engelmore Memorial Lecture award was established in 2003 to honor Dr. Robert S. Engelmore's extraordinary service to AAAI, *AI Magazine,* and the AI applications community, and his contributions to applied AI. The annual keynote lecture is presented at the Innovative Applications of Artificial Intelligence Conference. Topics encompass Bob's wide interests in AI, and each lecture is linked to a subsequent article published upon approval by AI Magazine. The lecturer and, therefore, the author for the magazine article, are chosen jointly by the IAAI Program Committee and the Editor of the *AI Magazine.*

AAAI congratulates the 2014 recipient of this award, Craig Knoblock, University of Southern California, who was honored for seminal contributions to machine learning and information integration, high-impact deployed applications and open-source projects, and extensive service to AAAI and international AI. Knoblock presented his award lecture, "From Virtual Museums to Peacebuilding: Creating and Using Linked Knowledge," at the Innovative Applications of Artificial Intelligence Conference in Quebec City this summer.

Craig Knoblock is a research professor in computer science at the University of Southern California (USC) and the director of information integration at the USC Information Sciences Institute. He received his Ph.D. from Carnegie Mellon in 1991. His research focuses on techniques related to information integration, semantic web and linked data. He has published more than 250 journal articles, book chapters, and conference papers. Knoblock is a AAAI Fellow, a Distinguished Scientist of the ACM, and a past President and Trustee of IJCAI. He and his coauthors have been recognized for the Best Research Paper at ISWC 2012 on Discovering Concept Coverings in Ontologies of Linked Data Sources and the Best In-Use Paper at ESWC 2013 on Connecting the Smithsonian American Art Museum to the Linked Data Cloud.

AAAI is pleased to announce its participation at the INTEL International Science and Engineering Fair (Intel ISEF) as part of the 2014 Special Awards Program. The Intel International Science and Engineering Fair (Intel ISEF), the world's largest international pre-college science competition, provides an annual forum for approximately 1,700 high school students from more than 70 countries, regions, and territories to showcase their independent research as they compete for more than $5 million annually. The Intel ISEF is the premier global science competition for students in grades 9–12.

AAAI presented three awards, as well as five honorable mentions at the fair, which took place May 11–16, 2014 in Los Angeles, California. Winners of the AAAI awards also received a one-year membership in AAAI, as did their schools, including subscriptions to *AI Magazine.* The 2014 AAAI winners were:

First Award of $1,500

A Novel Computational Agent-Based Model for the Outbreak, Spread, and Containment of Tuberculosis *(Parth Chopra, Thomas Jefferson High School for Science and Technology, Alexandria, Virginia)*

Second Award of $1,000

Semantic Multilayer SVM: Novel Artificial Intelligence and Computer Vision Applied to Prostate Cancer Grading and Breast Cancer Diagnosis *(William C. Hang, Scripps Ranch High School, San Diego, California)*

Third Award of $500

Characteristics of Deleterious Mutations in Tumor Suppressor Genes *(Nathan Han, Boston Latin School, Boston, Massachusetts)*

Honorable Mentions

RNNScan: Eukaryotic Gene Finding via Hybrid Recurrent Neural Networks *(Anand Srinivasan, Roswell High School, Roswell, Georgia)*
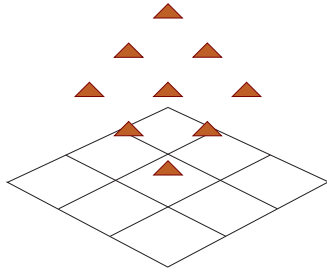
Development of a Novel Machine Learning Algorithm to Monitor Vascular Tissue Transfers Using Speech Recognition Techniques *(Ariel Benjamin Kanevsky, Ossining High School, Ossining, New York)*

What's Your Problem? Automatically Summarizing Scientific Research with Open Problems *(Cassidy Laidlaw, Barrington High School, Barrington, Rhode Island)*

Translator of Gestures: Human Interface Software *(Anna Dmitrievna Kustareva, Municipal Budget Educational Institution "Lyceum No.165," Nizhny Novgorod, Russian Federation and Maxim Alexeevich Sokolov, Municipal Budget Educational Institution "Lyceum No.165," Nizhny Novgorod, Russian Federation)*

Engineering A Novel Autonomous Wheelchair System for the Visually-Impaired and Quadriplegic Individuals *(Brandon Kinard, Mililani High School, Mililani, Hawaii)*

We thank the judges representing AAAI at the fair for their generous donation of time to make these awards possible: Yolanda Gil (Head Judge), Aliya Deri, Andrew Gordon, Yan Liu, and Jon May.

2014 AAAI Fall Symposium Series Registration

The Association for the Advancement of Artificial Intelligence's 2014 Fall Symposium Series will be held Thursday through Saturday, November 13-15 at the Westin Arlington Gateway, Arlington Virginia, adjacent to Washington, DC. The titles of the eight symposia are:

- Artificial Intelligence for Human-Robot Interaction
- Energy Market Prediction
- Expanding the Boundaries of Health Informatics Using AI (HIAI'14): Making Personalized and Participatory Medicine A Reality
- Knowledge, Skill, and Behavior Transfer in Autonomous Robots
- Modeling Changing Perspectives: Reconceptualizing Sensorimotor Experiences
- Natural Language Access to Big Data
- The Nature of Humans and Machines: A Multidisciplinary Discourse
- Plan Activity and Intent Recognition

An informal reception will be held on Thursday, November 13. A general plenary session, in which the highlights of each symposium will be presented, will be held on Friday, November 14. Symposia will be limited to 40–75 participants each. Participation will be open to active participants as well as other interested individuals on a first-come, first-served basis. Each participant will be expected to attend a single symposium. AAAI technical reports will be distributed electronically to participants, and will be added to the AAAI Digital Library.

The final deadline for registration is October 24, 2014. For registration information, please contact AAAI at fss14@aaai.org or visit AAAI's web site at www.aaai.org/Symposia/Fall/fss14.php. A hotel room block has been reserved at the Westin. The cut-off date for reservations is October 15, 2014. Please call +1-888-627-7076 (reference AAAI) for reservations, or reserve a room online via the URL above.

Hoepflinger, Christian Gehring, Michael Bloesch, Mischa Kolbe, Roland Siegwart, ETH Zurich)

youtu.be/-ZFhTdCCAYU

Best Student Video

Telepresence for People with Communication Impairment (Gyula Vörös, András Sárkány, András Németh, Anita Vero, Gyula Szaffner, András Lorincz, Eotvos Lorand University)

youtu.be/4ER6CLQJ6iw

Most Entertaining Video

Overfitting: Machine Learning Music Video (Michael L. Littman, Charles Isbell, Aaron Gross, Brown University, Georgia Tech, Udacity)
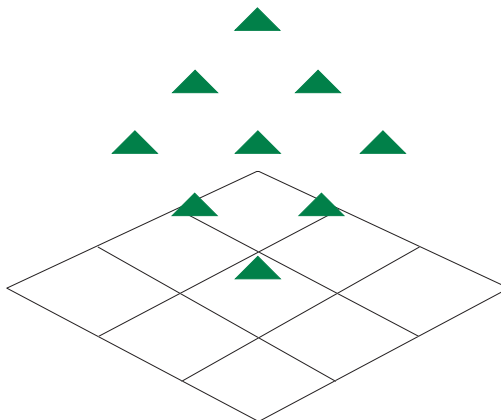
youtu.be/fJMXDlNkYvU

AAAI gratefully acknowledges the generous contributions of *AI Journal,* which made this competition possible. We would also like to acknowledge IRIDIA, Université Libre de Bruxelles, Belgium and the Direct Manufacturing Research Center of the University of Paderborn, Germany, for designing and 3D printing the Shakey statuette, respectively. Congratulations to all the winners!

Call for Nominations for AAAI President and Executive Councilors

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. (Student and library members are not eligible to submit candidates' names.) 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.

To submit a candidate's name for consideration, please send the following information to Carol Hamilton, Executive Director, AAAI, 2275 East Bayshore Road, Palo Alto, CA 94303; by fax to 650-321-4457; or by email to hamilton@aaai.org:

- Name
- Affiliation
- City, State or Province, Country
- Email address
- URL
- Year of membership in AAAI
- Approximate number of AAAI publications
- At least two sentences describing the candidate and why she or he would be a good candidate.

2015 Spring Symposium Series
Call for Participation

AAAI presents the 2015 Spring Symposium Series, to be held Monday - Wednesday, March 23-25, 2015, at Stanford University. The topics of the eight symposia will be:

Ambient Intelligence for Health and Cognitive Enhancement
Takashi Kido (Rikengenesis, Japan), Keiki Takadama (The University of Electro-Communications, Japan)

Applied Computational Game Theory
Christopher Kiekintveld (University of Texas at El Paso), Yevgeniy Vorobeychik (Vanderbilt University), Peter Stone (University of Texas at Austin), Bo An (Nanyang Technological University), Manish Jain (Virginia Tech), Fei Fang (University of Southern California), Albert Xin Jiang (Trinity University)

Foundations of Autonomy and Its (Cyber) Threats: From Individuals to Interdependence
Ranjeev Mittu (Naval Research Laboratory), Gavin Taylor (US Naval Academy), Don Sofge (Naval Research Laboratory), W.F. Lawless (Paine College)

Knowledge Representation and Reasoning: Integrating Symbolic and Neural Approaches
Andrew McCallum (University of Massachusetts), Evgeniy Gabrilovich, Ramanathan Guha (Google), Kevin Murphy (Google)

Logical Formalizations of Commonsense Reasoning
Leora Morgenstern (Leidos Corporation), Theodore Patkos (Foundation for Research and Technology Hellas, Greece), Robert H Sloan (University of Illinois at Chicago)

Socio-Technical Behavior Mining: From Data to Decisions
Nitin Agarwal (University of Arkansas at Little Rock), Huan Liu (Arizona State University)

Structured Data for Humanitarian Technologies: Perfect Fit or Overkill?
Lalana Kagal (MIT CSAIL), Hemant Purohit (Kno.e.sis, Wright State University), Oshani Seneviratne (MIT)

Turn-Taking and Coordination in Human-Machine *Interaction*
Sean Andrist (University of Wisconsin-Madison), Dan Bohus (Microsoft Research), Eric Horvitz (Microsoft Research), Bilge Mutlu (University of Wisconsin-Madison), David Schlangen (Bielefeld University)

For additional information, and links to the supplementary websites for each symposium, please see www.aaai.org/Symposia/Spring/sss15.php.

Submissions for the symposia are due on October 10, 2014. Notification of acceptance will be given by November 7, 2014.

Material to be included in the technical reports of the symposium must be received by January 19, 2014.

Registration information will be available by December 15, 2014. Please contact AAAI at sss14@aaai.org with any questions.

Please include any additional information or recommendations that would be helpful to the Nominating Committee. 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, 2014.