



The interdisciplinary Reach of Artificial Intelligence

www.ijcai-09.org

TWENTY-FIRST INTERNATIONAL JOINT CONFERENCE ON

ARTIFICIAL INTELLIGENCE

IJCAI-09 REGISTRATION BROCHURE

July 11 - 17, 2009

Pasadena Convention Center, Pasadena, California, USA

SPONSORED BY:

The International Joint Conferences
on Artificial Intelligence (IJCAI)
and the Association for the
Advancement of Artificial
Intelligence (AAAI)

INSTITUTIONAL SPONSORS:

AI Journal

USC Institute for Creative
Technologies

Microsoft Research

National Science Foundation

Google

Yahoo! Labs

NASA

NASA Ames Research Center

Cornell Institute for Computational
Sustainability

Alberta Ingenuity Centre for
Machine Learning

Drexel University Applied
Communication and Information
Networking (ACIN)

NASA Jet Propulsion Laboratory

NICTA, Australia

USC Information Sciences Institute

Boeing

Toyota

IBM

European Coordinating Committee
for Artificial Intelligence (ECCAI)

David E. Smith

ITU Copenhagen



IJCAI-09 Conference Committee

Conference Chair

Hiroaki Kitano, *Sony Computer Science Laboratories, Inc.*
& *The Systems Biology Institute, (Japan)*

Program Chair

Craig Boutilier, *University of Toronto, (Canada)*

Local Arrangements Chair

Richard Doyle, *Jet Propulsion Laboratory (USA)*

IJCAI Secretary-Treasurer

Ramasamy Uthrusamy, *General Motors Corporation (USA)*

IJCAI Executive Secretary

Vesna Sabljakovic-Fritz, *Vienna University of Technology (Austria)*

Tutorial Chair

Ronen Brafman, *Ben-Gurion University (Israel)*

Workshop Chair

Sylvie Thiebaut, *The Australian National University, National ICT (Australia)*

AAAI/SIGART Doctoral Consortium Chair and Co-Chair

Scott Wallace, *Washington State University Vancouver (USA)*
Christopher H. Brooks, *University of San Francisco*

Poker Competition Chair

John Hawkin, *University of Alberta*

Robot Competition and Exhibition Co-Chairs

Odest Chadwicke Jenkins, *Brown University*
Monica Anderson, *University of Alabama*

AI Video Competition Co-Chairs

David Aha, *NRL (USA)*
Michael Bowling, *University of Alberta (Canada)*

For Technical Program, Exhibition, and Registration Information

Association for the Advancement of Artificial Intelligence
445 Burgess Drive
Menlo Park, California, 94025 USA
+ 1-650-328-3123
+ 1-650-321-4457 (fax)

ijcai09@aaai.org

Introduction

We look forward to welcoming you to IJCAI-09 in Pasadena. Pasadena, home of the Jet Propulsion Laboratory and the California Institute of Technology, is situated northeast of greater Los Angeles, an area that is at the heart of the US space and entertainment industries. This location provides an ideal stage for IJCAI-09, where innovations spanning the entire spectrum of artificial intelligence and related fields will be discussed.

Indeed, the theme of IJCAI-09 is "The Interdisciplinary Reach of Artificial Intelligence." AI has always been both forward-looking and outward-looking, drawing influence from—and having significant impact on—a wide range of disciplines in science, engineering, medicine, the social sciences, the arts and humanities. Our technical sessions and other events address research and applications that span a diversity of interdisciplinary topics.

We all recognize that the world economy is deeply troubled. Historically, significant technological innovations have often emerged after major recessions, innovations that have the potential to transform industries. For those of us dedicated to science and innovation, these are extremely exciting times because we may witness radical innovations that will dominate industries for decades to come. Perhaps you may be the one who creates such a transforming technology.

The Pasadena Convention Center is ideally situated near Pasadena Old Town, a place with cozy and relaxed ambience, typical of Southern California. We will offer a range of stimulating technical tours, including the Institute for Creative Technologies and the Jet Propulsion Laboratory. In addition, there will be numerous workshops, tutorials, and collocated meetings. It will be an intense but rewarding week. We are sure that you will bring a "vision of the future" back home with you along with a variety of memorable IJCAI-09 experiences. We all wish you a warm welcome to Pasadena under the Southern California sunshine!!!

Hiroaki Kitano, *Conference Chair*

All of the following programs will be held in the Pasadena Convention Center

Technical Program July 14 – 17

(includes technical paper presentations, invited presentations, and award lectures)

Tutorial Program July 12 - 13

Workshop Program July 11 – 13

Innovative Applications of Artificial Intelligence Conference July 14 -16

AAAI/SIGART Doctoral Consortium July 12 - 13

Exhibition and Competition Program July 13 - 17

(includes the AI Video Competition, Robot Exhibition, and Poker Competition)



Contents

IJCAI-09 Conference Committee	i
introduction	i
IJCAI-09 Official Opening Ceremony and Reception	1
IJCAI-09 Conference Banquet	1
The IJCAI-09 Keynote Speaker	1
2009 IJCAI Awards	1
IJCAI-09 Award for Research Excellence	1
IJCAI Computers and Thought Award	1
The Donald E. Walker Distinguished Service Award	2
IJCAI-09 Invited Speakers	2
Detailed Technical Conference Program	2
IJCAI-09 Industry Exhibit, Industry Day, and Technical Tours	2
Jet Propulsion Laboratory	2
University of Southern California	2
USC / ICT and USC / ISI	2
Poker Competition	3
The Robot Competition and Exhibition	3
AI Video Competition	3
IJCAI-09 Tutorial Program and Schedule	3
IJCAI-09 Workshop Program	4
Collocated Conference / Events	5
IAAI-09 Conference	5
AAAI / SIGART Doctoral Consortium	5
Registration Information	6
Technical Program Registration	6
Tutorial Forum Registration	6
Workshop Registration	6
IJCAI-09 Banquet	6
Accompanying Persons	6
IJCAI-09 Hard Copy Proceedings	6
Collocated Event: CRA-W Career Mentoring Workshop (CMW)	6
Payment Information	6
Disclaimer	6
IJCAI-09 Hotels	7
Hilton Pasadena	7
Sheraton Pasadena Hotel	7
IJCAI-09 Student Accommodations	7
Ramada Pasadena	8
Saga Motor Hotel	8
Vagabond Inn Executive Pasadena	8
Airport Transportation	9
Los Angeles International Airport (LAX)	9
Bob Hope Airport (Burbank / Pasadena / Glendale)	9
Shuttle Service Companies	9
Prime Time Shuttle	9
Super Shuttle	9
XPress Shuttle	9
Disclaimer	9
IJCAI-09 Venue	9
Maps and Directions	10
Registration Application	11



IJCAI-09 Official Opening Ceremony and Reception

The Opening Ceremony will be held at the Pasadena Convention Center on Monday, July 13, at 6:15 pm. Hiroaki Kitano, IJCAI-09 Conference Chair, will chair the Opening Ceremony. The opening reception will be held at the California Institute of Technology Athenaeum, 7:15 – 9:30 pm. Light refreshments, soft drinks, beer and wine will be served. Guests will be entertained by a JPL homegrown jazz musical group. Bus transportation will be provided.

IJCAI-09 Conference Banquet

Wednesday, July 15, 2009

California Science Center

7:00 - 10:30 pm

Cost: \$85 per person

A buffet dinner will be held at California's largest hands-on science center. The three-story facility includes extensive exhibits on human inventions and innovations, as well as the life processes of living things. Take a ride on the high wire bicycle three stories above the ground! Bus transportation will be provided.

The IJCAI-09 Keynote Speaker

Hal R. Varian

(University of California, Berkeley and Google)

Computer Mediated Transactions

These days nearly every economic transaction involves a computer in some form or other. What does this mean for economics? Varian argues that the ubiquity of computers enables new and more efficient contractual forms, better alignment of incentives, more sophisticated data extraction and analysis, creates an environment for controlled experimentation, and allows for personalization and customization. He reviews some of the long and rich history of these phenomena and describes some of their implications for current and future practices.



2009 IJCAI Awards

IJCAI-09 Award for Research Excellence

The IJCAI Award for Research Excellence is given at the IJCAI conference to a scientist who has carried out a program of research of consistently high quality, yielding several substantial results.

The winner of the 2009 Award for Research Excellence is Professor Victor Lesser, who holds a chair at the Department of Computer Science of the University of Massachusetts Amherst. Professor Lesser is recognized for his seminal work on the foundations of blackboard control architectures and multi-agent systems and his foundational role in the formation of the multi-agent systems community. The Research Excellence Lecture will be held Thursday, July 16, 2009.

IJCAI Computers and Thought Award

The Computers and Thought Award is presented at IJCAI conferences to outstanding young scientists in artificial intelligence. The award was established with royalties received from the book *Computers and Thought*, edited by Edward Feigenbaum and Julian Feldman; it is currently supported by income from IJCAI funds.

There are two winners of the 2009 IJCAI Computers and Thought Award: Carlos Guestrin, Assistant Professor in the Machine Learning Department and the Computer Science Department of Carnegie Mellon University, and Andrew Ng, Assistant Professor in the Computer Science Department of Stanford University. Professor Guestrin is

recognized for significant contributions to machine learning, probabilistic reasoning, and intelligent distributed sensor networks. Professor Ng is recognized for fundamental contributions to the application of machine learning to robot perception and control, for leadership in constructing robots that perform unscripted tasks in real environments, and for major contributions to machine learning. The Computers and Thought Lectures will be held Tuesday, July 14, 2009 and are open to the public.

The 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. In 1993, the IJCAI Distinguished Service Award was renamed the Donald E. Walker Distinguished Service Award in memory of the late Donald E. Walker, who shaped the IJCAI organization as a Secretary-Treasurer.

At IJCAI-09, the Donald E. Walker Distinguished Service Award will be given to Professor Luigia Carlucci Aiello, who holds a chair at the Dipartimento di Informatica e Sistemistica, Università di Roma 'La Sapienza'. Professor Aiello is recognized for her substantial contributions and extensive service to the field of Artificial Intelligence throughout her career.

IJCAI-09 Invited Speakers

Intelligent Tutoring Systems: New Challenges and Directions
Cristina Conati (University of British Columbia)

Machine Learning in Ecosystem Informatics and Sustainability
Thomas G. Dietterich (Oregon State University)

European Coordinating Committee for Artificial Intelligence (ECCAI) Invited Speaker
Embodied Language Games with Autonomous Robots
Luc Steels (Sony Computer Science Laboratory – Paris and Free University of Brussels)

Rubinstein in the Phase Plane, Madonna in Feature Space: How AI Changes the Way we See (and Hear) and Deal with Music
Gerhard Widmer (Johannes Kepler University Linz and Austrian Research Institute for Artificial Intelligence, Vienna, Austria) (We regret that the scheduled invited talk by Gerhard Widmer has recently been cancelled).

From Low-level Sensors to High-level Intelligence: Activity Recognition Links the Knowledge Food Chain
Qiang Yang (Hong Kong University of Science and Technology)

Detailed Technical Conference Program

For the latest information about the conference, please see www.ijcai-09.org. Details about the technical program will be posted in May 2009.

IJCAI-09 Industry Exhibit, Industry Day, and Technical Tours

The IJCAI-09 Industry Exhibit will be held Tuesday, July 14 through Thursday, July 16, and will comprise a host of displays showcasing current products, publications, research, and applications in artificial intelligence. *Industry Day* is a one-day session scheduled for Friday, July 17, 2009, intended to be a forum for industry to "tell their AI story," structured around a panel and a series of industry presentations. A series of tours of Southern California labs, including JPL, the University of Southern California, USC/ISI, and USC/ICT, is being organized for Wednesday and Thursday, July 15-16. Additional information about how to register for these tours will be available on the IJCAI-09 website and will be mailed to all registered participants. Space is limited.



Jet Propulsion Laboratory

Tours are 2-2.5 hours in duration and commonly include a multimedia presentation on JPL entitled "Spirit of Exploration," which provides an overview of the Laboratory's activities and accomplishments, including the exploits of the Spirit and Opportunity rovers on Mars, and numerous other planetary, astrophysics, and Earth observing space missions. Guests may also visit the von Karman Visitor Center, the Space Flight Operations Facility, and the In-Situ Instruments Laboratory.



JPL requires that all U.S. citizens, 18 years of age or older, present official, government issued photo identification (driver's license or passport) before being allowed entry. All non-U.S. Citizens 18 years of age or older must present a passport or resident visa (green card) before being allowed entry. Individuals without proper identification will not be admitted to the Laboratory.

Please be advised that tours involve a considerable amount of walking and stair climbing. Wheelchair access can be accommodated with advance notice, however wheelchairs cannot be provided.

University of Southern California



The field trip to the University of Southern California's Viterbi School of Engineering will include stops at the research laboratories of Professors Maja Mataric, Gaurav Sukhatme, and Francisco Valero-Cuevas (all located in the Ronald-Tutor Hall at the University Park campus close to

The projects at Prof. Mataric's [Interaction Lab](#) will demonstrate Assistive Human-Robot Interaction (for applications such as socialization therapy for children with autism spectrum disorder). The projects at Prof. Sukhatme's [Robotic Embedded Systems Laboratory](#) involve robotics (including unmanned boats, underwater gliders, and helicopters) and sensor networks. The demonstrations at Prof. Valero-Cuevas's [Brain-Body Dynamics Lab](#) will involve devices to test human dexterity and equipment for musculoskeletal research in humans.

USC/ICT and USC/ISI

To augment your experience at IJCAI, we are pleased to announce that the University of Southern California is hosting a field trip to its two leading AI research centers, the Institute for Creative Technologies (ICT) and the Information Sciences Institute (ISI), both in nearby Marina del Rey. The institutes are known for their research in agent-based systems, knowledge representation and acquisition, natural language technology, education and training, adaptive robotics, affective computing and virtual humans. The visit may also include stops at notable neighbors in the gaming and entertainment industry. At ICT and USC you will have the opportunity to see demonstrations of the latest in artificial intelligence integrated with high-end simulations, animations and immersive environments, as well as some other unique work being done at these prestigious research institutes.



Poker Competition

The computer poker competition is an annual event that has been running since 2006. It started with 8 entries in 2 competitions, but it has grown dramatically, and in 2008 there were 28 entries in 4 competitions. Entrants are asked to design an agent to play one of a number of pre-determined variants of Texas Hold'em poker. In the two player competitions agents must deal with stochasticity, imperfect information and huge action and state spaces. The multiplayer competition adds all the difficulties of multiplayer games to this list of challenges. The competition is run from June 11th to July 11th, and the results will be presented during IJCAI. All are welcome (and encouraged!) to attend. For further information, please see <http://www.cs.ualberta.ca/~pokert/>.

Event Chair

John Hawkin (University of Alberta)

The Robot Competition and Exhibition

The Eighteenth Edition of Robotics Program at AAAI and IJCAI will feature the longstanding Robotics Exhibitions as well as demonstration of challenges in emerging areas of robotics research. The Robotics Program has a long tradition of demonstrating innovating research in robotics at the intersection with artificial intelligence. This year, the IJCAI-09 Robotics Program will feature an open robotics exhibition, demonstrations for robotics challenge problems, and a workshop to present current results and discuss future directions. The theme for IJCAI-09 Robotics is "New Challenges for Robotics". The event will focus on the following challenge areas:

- Mobile Manipulation: in the form of fetching various household objects
- Learning from Demonstration: teaching robots policies through human guidance
- Multi-Robot Teaming: such as for wireless coverage and other scenarios
- Student Robotics Challenge: to motivate educational participation and curriculum

For more information:

<http://robotics.cs.brown.edu/ijcai09/>

Event Co-Chairs

Chad Jenkins (Brown University)

Monica Anderson (University of Alabama)

AI Video Competition

The goal of the AI Video Competition, now in its third year, is to show the world how much fun AI is by documenting exciting artificial intelligence advances in research, education, and application. The screening of the videos nominated for awards, as well as the award presentations, will be held in conjunction with IJCAI-09. The developers of award-winning videos will be presented with Oscar-like trophies ("Shakeys," in honor of SRI's Shakey robot and its pioneering video) in a ceremony, currently scheduled for Tuesday evening, July 14, immediately following the Computers and Thought Lectures. For more information, visit <http://aivideo.org>.

David Aha and Michael Bowling, *AI Video Competition Co-Chairs*



IJCAI-09 Tutorial Program and Schedule

The IJCAI-09 tutorial program features 19 four-hour tutorials on Sunday, July 12 and Monday, July 13. The tutorial registration fee includes admittance to up to four consecutive tutorials. All tutorial participants must register for the IJCAI-09 technical program. Full details of the tutorial program can be found on the web site <http://www.ijcai-09.org>.

Sunday, July 12, 2009 (8:30 - 12:30 pm)

- SA1** **Combinatorial Optimization for Graphical Models**
Rina Dechter, Simon de Givry, Radu Marinescu, and Thomas Schiex
- SA2** **High-Level Robot Programming with Tekkotsu**
David S. Touretzky and Ethan J. Tira-Thompson
- SA3** **Intelligent User Interfaces: An Introduction**
Mark Maybury (Full Day)
- SA4** **Introduction to Computational Advertising**
Evgeny Gabilovich, Vanja Josifovski and Bo Pang
- SA5** **An Introduction to Formal Argumentation**
Martin Caminada

Sunday, July 12, 2009 (1:30 - 5:30 pm)

- SP1** **Distributed Search by Constrained Agents**
Amnon Meisels and Roie Zivan
- SP2** **New Trends in General Game Playing**
Michael Thielscher
- SP3** **Real-Time Planning in Dynamic and Partially-Known Domains**
Maxim Likhachev and Sven Koenig
- SP4** **Text Mining and Link Analysis for Web and Semantic Web**
Marko Grobelnik and Dunja Mladenić

Monday, July 13, 2009 (8:30 - 12:30 pm)

- MA1** **Automated Mechanism Design: Methods and Applications**
Yevgeniy Vorobeychik and Vincent Conitzer
- MA2** **Logical and Relational Learning**
Luc De Raedt
- MA3** **Preferences: Modeling Frameworks, Reasoning Tools, and Multi-Agent Scenarios**
Francesca Rossi, Toby Walsh and Kristen Brent Venable
- MA4** **SAT, SMT & QBF and Their Applications in AI**
Jussi Rintanen
- MA5** **Semantic Web Modeling Languages**
Pascal Hitzler, Markus Krötzsch and Sebastian Rudolph

Monday, July 13, 2009 (1:30 - 5:30 pm)

- MP1** **Algorithmic Decision Theory Combining Decision Analysis and Artificial Intelligence: Theoretical Framework and Practical Applications**
Alexis Tsoukiàs
- MP2** **Computing Explanations in Problem Solving: A Review of Formal Approaches**
Barry O'Sullivan and Ulrich Junker
- MP3** **Decision-Theoretic Planning for Multi-Agent Systems: New Directions and Opportunities**
Matthijs Spaan, Shlomo Zilberstein and Christopher Amato
- MP4** **Intelligent Information Gathering and Submodular Function Optimization**
Andreas Krause and Carlos Guestrin
- MP5** **Video Games and Artificial Intelligence**
Adi Botea, Ralf Herbrich and Thore Graepel





IJCAI-09 Workshop Program

The workshops will be held Saturday, July 11 – Monday, July 13, except as noted below. Workshop registration may be limited to invited participation only. Please check with the individual chair of the workshop for further information. Complete descriptions of the workshop are available at the IJCAI-09 website.

Saturday, July 11, 2009

W3 Automated Reasoning about Context and Ontology Evolution (ARCOE) (2 days)
Organizers: Alan Bundy, Jos Lehmann, Guilin Qi, Ivan Jose Varzinczak

W7 Coordination, Organization, Institutions and Norms in Agent Systems (COIN@IJCAI09)
Organizers: Kostas Stathis, Viviane da Silva, and Eric Matson

W10 Explanation-Aware Computing (ExaCt 2009) (2 days)
Organizers: Thomas Roth-Berghofer, Nava Tintarev, and David B. Leake

W11 General Game Playing (2 days)
Organizers: Michael Thielscher and Yngvi Björnsson

W12 Grand Challenges for Reasoning From Experiences
Organizers: Susan Crow, David W. Aha, Sarabjot Singh Anand, and Barry Smyth

W15 Identity and Reference in Web-Based Knowledge Representation (IR-KR 2009)
Organizer: Paolo Bouquet

W16 Information Integration on the Web (IIWeb:09)
Organizers: Biplav Srivastava, Ullas Nambiar, and Craig Knoblock

W19 Intelligent Techniques for Web Personalization and Recommender Systems
Organizer: Sarabjot Singh Anand

W25 Neural-Symbolic Learning and Reasoning (NeSy'09)
Organizers: Pascal Hitzler and Artur d'Avila Garcez

W26 Nonmonotonic Reasoning, Action, and Change (NRAC-09)
Organizers: Benjamin Johnston and Andreas Herzig

W28 Plan, Activity, and Intent Recognition (PAIR-09)
Organizers: Christopher Geib, Hung Bui, Gita Sukthankar, and David Pynadath

W29 Quantitative Risk Analysis for Security Applications
Organizers: Janusz Marecki, Praveen Paruchuri, Christopher Kiekintveld, and Katia Sycara

W31 Social Simulation
Organizers: Luis Antunes, Samer Hassan, and Nigel Gilbert

Sunday, July 12, 2009

W1 Abductive and Inductive Knowledge Development
Organizers: Oliver Ray, Peter Flach, and Antonis Kakas

W3 Automated Reasoning about Context and Ontology Evolution (ARCOE) (2 days)
Organizers: Alan Bundy, Jos Lehmann, Guilin Qi, Ivan Jose Varzinczak

W4 Competitions in Artificial Intelligence and Robotics
Organizers: Malte Helmert, Johan de Kleer, Lukas Kuhn, and Paul Rybski

W6 Configuration (2 days)
Organizer: Markus Stumptner

W10 Explanation-Aware Computing (ExaCt 2009) (2 days)
Organizers: Thomas Roth-Berghofer, Nava Tintarev, and David B. Leake

W18 Intelligent Systems for Assisted Cognition
Organizer: Henry Kautz

W20 Knowledge and Reasoning in Practical Dialogue Systems
Organizer: Arne Jönsson

W21 Learning Structural Knowledge from Observations (STRUCK-09)
Organizers: Hector Munoz-Avila and Ugur Kuter

W22 Logic and the Simulation of Interaction and Reasoning 2 (LSIR2): Interactive Logic And Computer Games
Organizer: Benedikt Löwe

W32 Spatial and Temporal Reasoning
Organizers: Hans W. Guesgen and Mehul Bhatt

Monday, July 13, 2009

W5 Computational Models of Natural Argument
Organizer: Nancy Green

W6 Configuration (2 days)
Organizer: Markus Stumptner

W8 Cross-Media Information Access and Mining
Organizers: Marie-Francine Moens, Vittorio Ferrari, Tinne Tuytelaars, and Luc Van Gool

W9 Distributed Constraint Reasoning (DCR-09)
Organizers: William Yeoh, Katsutoshi Hirayama, and Roie Zivan

W11 General Game Playing (2 days)
Organizers: Michael Thielscher and Yngvi Björnsson

W13 Graph Structures for Knowledge Representation and Reasoning (GKR 2009)
Organizers: Madalina Croitoru, Christophe Gonzales, Jerome Lang, Boris Motik, and Marie-Laure Mugnier

W14 Hybrid Control for Autonomous Systems Integrating Learning, Deliberation, and Reactive Control (HYCAS)
Organizers: Nils T. Siebel, Gerald Steinbauer, Alexander Ferrein, and Josef Pauli

W17 Intelligence and Interaction
Organizers: James A. Fogarty, Eric Horvitz, Ashish Kapoor, and Desney Tan

W24 Modeling Intercultural Collaboration and Negotiation (MICON)
Organizers: Katia P. Sycara, Michele Gelfand, and Allison Abbe

W30 Self-* and Autonomous Systems (SAS): Reasoning and Integration Challenges
Organizers: Yannick Pencolé, Roberto Micalizio, and Thierry Vidal

W33 Text-Mining & Link-Analysis (TextLink 2009)
Organizers: Marko Grobelnik, Jure Leskovec, Natasa Milic-Frayling, and Dunja Mladenic

W34 Trading Agent Design and Analysis (TADA2009)
Organizer: Ennco Geirding

W35 User Contributed Knowledge and Artificial Intelligence: An Evolving Synergy
Organizers: Razvan Bunescu, Evgeniy Gabrilovich, Rada Mihalcea, and Vivi Nastase

Thursday and Friday, July 16 - 17, 2009

W23 Machine Learning and AI Applications in Astrophysics and Cosmology (2 days)
Organizers: S. George Djorgovski, Alex Gray, and Alex Szalay

Friday and Saturday, July 17 - 18, 2009

W2 AI in Space (2 days)
Organizers: Christos Ampatzis, Steve Chien, Marek Rucinski, and Dario Izzo

Collocated Conferences / Events

IJCAI-09 welcomes the following set of events, which will be collocated in time or time and space with the conference. Registration for each event is separate, except where noted. Please visit the website of individual events for more detailed information

Symposium on Abstraction, Reformulation and Approximation (SARA 2009)

July 6-9, 2009, Lake Arrowhead, California
<http://www.cs.ualberta.ca/~nathanst/sara/>

Symposium on Combinatorial Search (SoCS 2009)

July 8-10, Lake Arrowhead, California
<http://www.search-conference.org/>

AAAI/SIGART Doctoral Consortium

July 12-13, 2009
<http://www.aaai.org/Conferences/AAAI/2009/dc09.php>

The 2009 CRA-W Career Mentoring Workshop

Sponsored by the Computer Research Association's Committee on the Status of Women in Computing Research

July 12-13, 2009
<http://www.cra.org/Activities/craw/projects/mentoring/mentorWrkshp/index.php>

Registration is available on the IJCAI-09 registration form.

The Twenty-First Conference on Innovative Applications of Artificial Intelligence (IAAI-09)

July 14-17, 2009
<http://www.aaai.org/Conferences/IAAI/iaai09.php>
Registration for IAAI-09 is joint with IJCAI-09.

The Twenty-Fifth International Conference on Logic Programming (ICLP'09)

July 14-17, 2009
<http://www.ist.unomaha.edu/iclp2009/>

Third IEEE International Conference on Space Mission Challenges for Information Technology (SMC-IT 2009)

July 19-23, 2009
<http://www.smc-it.org>

Eighth International Conference on Case-Based Reasoning (ICCBR)

July 20-23, 2009, Seattle, Washington
<http://www.iccbr.org/iccbr09/>



IAAI-09 Conference

July 14 - 16, 2009

IAAI-09 attendance is free to all IJCAI-09 Technical Program registrants.

The Twenty-First Annual Conference on Innovative Applications of Artificial Intelligence (IAAI-09) is the premier venue for learning about AI's impact through deployed applications and emerging AI technologies and applications. Case studies of deployed applications with measurable benefits arising from the use of AI technology provide clear evidence of the impact and value of AI technology to today's world. IAAI-09 augments these case studies with papers and invited talks that address emerging areas of AI technology and applications. The Emerging Applications track enables developers to learn about tools and techniques enabling the creation of the next generation of AI applications. Through this program, AI researchers will learn about challenges of real-world domains, the utility of specific AI techniques for applications domains, and the difficulties and successes in deploying AI applications in these domains.

The IAAI-09 Invited Speaker program will include Bill Swartout, director of the USC's Institute for Creative Technologies, who will give the Robert Englemore Memorial Award Lecture for 2009. Swartout's talk, titled "Building Virtual Humans: A Decade of Research," will discuss the synergies among the different threads of AI research that are leading to the goal of computer-generated characters that look and behave just like real people. Luis von Ahn is a professor of Computer Science at Carnegie Mellon University, will describe how to harness the power of millions of humans and computers together to solve problems that would be impossible for either to solve alone in his talk entitled "Human Computation." Finally, Stephen Wolfram will describe the concepts, technology and science that underlie Wolfram|Alpha -- an ambitious project to make as much knowledge as possible computable in his talk "Computational Knowledge, Science and Wolfram|Alpha."

IAAI is organized in conjunction with the IJCAI program, with coordinated schedules and single registration to allow attendees to move freely between IAAI and IJCAI sessions. We invite you to contribute to the dialog between basic and applied AI.

Karen Haigh, *BBN Technologies*, IAAI-09 Chair
Nestor Rychticky, *Ford Motor Company*, IAAI-09 Co-Chair

AAAI / SIGART Doctoral Consortium

The Fourteenth AAAI/SIGART Doctoral Consortium will be held Sunday and Monday, July 12-13, from 8:30 AM - 6:00 PM. The Doctoral Consortium provides an opportunity for a group of Ph.D students to discuss and explore their research interests and career objectives in an interdisciplinary workshop together with a panel of established researchers.

For more information about the AAAI/SIGART DC-2009, please visit <http://www.ijcai-09.org>, or contact Scott Wallace, 2009 Chair, at wallaces@vancouver.wsu.edu.

Sponsored by National Science Foundation, Boeing, Microsoft Research, Toyota, David E. Smith, AAAI and ACM's SIGART.



Registration Information

Onsite registration will be located in the foyer of the Ballroom of the Pasadena Convention Center, 300 East Green Street, Pasadena, California 91101, USA, +1 626-793-2122. Registration hours will be Saturday, July 11 - Monday, July 13, 7:30 AM - 6:00 PM; Tuesday, July 14, 8:00 AM - 5:30 PM; Wednesday, July 15 - Thursday, July 16, 8:30 AM - 5:30 PM; and Friday, July 17, 8:30 AM - 12:00 PM. Registration hours are subject to modification. Please refer to the IJCAI-09 web site for further information. All attendees must pick up their registration packets for admittance to programs.

For preregistration, please fill out the form enclosed with this brochure, or register online at <http://www.ijcai-09.org>. Registrations will be accepted in US dollars only.

Early registration must be postmarked by May 15, 2009

Late registration must be postmarked by June 12, 2009

Technical Program Registration

The IJCAI-09/IAAI-09 technical program registration includes admission to all technical sessions, invited talks, exhibits, competitions, the opening ceremony and reception, and copies of the IJCAI-09 Conference Proceedings and IAAI-09 Conference Proceedings on CD.

Technical Registration Fees

	Early by 5/15	Late by 6/12	Onsite After 6/12
Regular	685	790	895
Student	325	360	395

Platinum Technical Registration Fees

(includes one-year membership in AAAI)

	Early by 5/15	Late by 6/12	Onsite After 6/12
Regular US / Canada	805	910	1015
Regular International	825	930	1035
Student US / Canada	375	410	445
Student International	395	430	465

Tutorial Forum Registration

The IJCAI-09 Tutorial Forum registration fee includes admittance to up to four consecutive tutorials on Sunday, July 12 and Monday, July 13. In addition to the fee below, all tutorial participants must register for the IJCAI-09/IAAI-09 technical program. Tutorial syllabi will not be available in hard copy, but are expected to be available for download at the individual speaker's websites prior to the conference.

	Early by 5/15	Late by 6/12	Onsite After 6/12
Regular	170	205	245
Student	50	75	110

Workshop Registration

The workshop fee includes admission to one workshop and the accompanying technical report or working notes. The workshop only registration fee does NOT include admittance to any IJCAI-09 technical session or receptions. Workshop participation is generally limited to those active participants determined by the organizer prior to the conference. In some cases, workshop organizers have opened the registration up to all interested individuals. For more information, please contact the individual organizers. Please note that workshops W2, W3, W6, W10, and W23 are two-day workshops.

IJCAI-09 Workshop Fees

(per workshop)

	Early by 5/15	Late by 6/12	Onsite After 6/12
Regular 1-Day w/tech	90	135	195
Regular 2-Day w/tech	135	180	240
Student 1-Day w/tech	75	110	160
Student 2-Day w/tech	110	145	195
Regular 1-Day w/ no tech	230	275	335
Regular 2-Day w/ no tech	310	355	415
Student 1-Day w/ no tech	165	200	250
Student 2-Day w/ no tech	225	260	310

IJCAI-09 Banquet

The IJCAI-09 Banquet will be held at the California Science Center, 700 Exposition Park Drive (State Drive), Los Angeles, California on Wednesday, July 15.

Banquet Fee \$85

Accompanying Persons

Accompanying persons are entitled to attend the IJCAI-09 Opening Ceremony, the Opening Reception and visit the IJCAI-09 exhibitions.

Accompanying person Fee \$85

IJCAI-09 Hard Copy Proceedings

The IJCAI-09 Proceedings will be distributed to all registered conference attendees in CD form. Copies of the hardcopy proceedings will be available at additional cost, and will be mailed after the conference (late summer). Information about purchasing the proceedings book will be posted on the IJCAI-09 website as soon as it is available, and will also be circulated to all IJCAI-09 registrants.

Collocated Event: CRA-W Career Mentoring Workshop (CMW)

The CRA-W workshop registration fee covers the cost of the facilities and meals provided during the workshop. Each participant is responsible for her own travel arrangements and expenses (airfare, local travel, and room costs, etc.). (Please note this program is separate from the IJCAI-09 Workshop Program.)

	Early by 5/15	Onsite After 5/15
CRA-W Workshop	235	265

Payment Information

Prepayment of registration fees is required. Checks and bank transfers must be in US dollars. American Express, MasterCard, and VISA are also accepted. Registration applications must be postmarked or submitted online by the registration deadlines to qualify for reduced rates. Student registrations must be accompanied by proof of full-time student status. Students registering online can send this proof via email attachment to ijcai09@aaai.org or via fax to +1-650-321-4457.

Registrants who register using the hardcopy or PDF version of the registration form should submit their form to:

IJCAI-09 Registration

AAAI

445 Burgess Drive
Menlo Park, CA 94025 USA
Tel: + 1-650-328-3123
Fax: + 1-650-321-4457
email: ijcai09@aaai.org

Refund Requests

The deadline for refund requests is June 19, 2009. All refund requests must be made in writing. A \$100.00 processing fee will be assessed for all refunds.

Disclaimer

In case of conference cancellation for reasons beyond the control of IJCAI-09 organizers, the liability of the IJCAI-09 organization is limited to the fees already paid by the registrants. IJCAI-09 will not be responsible for any personal inconveniences that may arise.

IJCAI-09 Hotels

IJCAI-09 has reserved a block of rooms in Pasadena at reduced conference rates. Conference attendees must contact the hotel of their choice directly and identify themselves as IJCAI-09 registrants to qualify for the reduced rates. Please note the cut-off date for reservations and the reservation method and information under each hotel. All rooms are subject to state, local, and occupancy taxes and are based on US Dollars single or double occupancy. Please inquire about cancellation policies with the hotel of your choice prior to arrival.

Hilton Pasadena

168 South Los Robles Avenue
Pasadena, California 91101
Tel: (626) 577-1000
Fax: (626) 584-3148

http://www1.hilton.com/en_US/hi/hotel/PASPHHF-Hilton-Pasadena-California/index.do

Reservations: 1-800-HILTONS or via Fax at 1-66-584-3148

Refer to group name: "IJCAI"

Conference Rates available July 9 – July 18, 2009

Run of House Single or Double Room: \$159.00

King Room Single or Double: \$159.00

Check-in time: 3:00 PM

Check-out time: 12:00 Noon

Cut-off date for conference rate reservations: June 20, 2009 at 5:00 PM PDT

Reservation requests received after the cut-off date will be accepted at rates then publicly available, subject to availability.

Reservations should be made directly with the Hilton Pasadena through one of the methods listed above. The Hilton Pasadena rates are subject to State and City taxes in effect at the time of check in. Currently, these taxes are 15% and are subject to change without prior notice.

Once an individual reservation has been made, any changes should be made directly with the Group Reservations Department. A credit card number or one (1) nights' advance deposit will be required to secure a room out of the block. Cancellations must be received 24 hours prior to arrival or one (1) night room and tax will be assessed.

Parking

Guest parking is available at a special discounted rate currently at \$15.00 in the Self Park Garage and valet parking is \$21.00 per day (recommended). These rates are subject to change.

(Estimated Distance to Pasadena Convention Center .25 miles)



Sheraton Pasadena Hotel

303 East Cordova Street
Pasadena, California 91101

<http://sheraton.com/pasadena>

Reservations: (626) 449-4000 or (800) 457-7940, or Starwood Sheraton's Central Reservation Office at (800) 325-3535.

Refer to group name "IJCAI" or "21st International Joint Conference on Artificial Intelligence"

Conference Rates available July 9 – 17, 2009

Single or Double Occupancy: \$139.00

Triple or Quadruple Occupancy: \$149.00

The extended group rates are valid three (3) days prior and three (3) days after the event, based upon availability. Rates quoted are net, non-commissionable.

Check-in time: 3:00 PM

Check-out time: 12:00 Noon

Cut-off date for conference rate reservations: June 9, 2009 at 5:00 PM PDT

Reservation requests received after the cut-off date will be accepted at rates then publicly available, subject to availability.

Reservations should be made directly with the Sheraton Pasadena Hotel through one of the methods listed above. The Sheraton Pasadena Hotel rates are subject to State and City taxes in effect at the time of check in. Currently, these taxes are 15.065% and are subject to change without prior notice.

All reservation requests must be accompanied by a first night room deposit, or be guaranteed with a major credit card. Any cancellations within 24 hours from the date of arrival will be billed for one night room and tax.

Parking

Currently, covered parking is \$13.00 per car for overnight guests and \$7.00 per car for day guests. The parking charge is subject to change without prior notice.

Estimated Distance to Pasadena Convention Center .30 miles)



IJCAI-09 Student Accommodations

Small blocks of rooms have been reserved at the following hotels in Pasadena for the budget-conscious student.



Ramada Pasadena

2156 E. Colorado Blvd.
Pasadena, CA 91107
626-793-9339
626-793-9449 fax
<http://www.pasadenaramada.com>

Attendees should make reservations directly with the Ramada by calling, faxing, or through the online reservations system. **Refer to group name: "IJCAI".**

Conference Rates available July 9 - July 18, 2009
Single or double occupancy room rate: \$79.50 per night
Additional \$10 per extra person
Check-in time: 2:00 PM
Check-out time: 11:00 AM
Cut-off date for conference rate reservations: July 2, 2009 at 5:00 PM PDT
Reservation requests received after the cut-off date will be accepted at rates then publicly available, subject to availability.

The Ramada requires a valid credit card to confirm your reservation and guarantee your room. Any required deposit or pre-payment will be charged to this card immediately. Otherwise, your card will not be charged until you check out. In addition to the Rates shown, other charges may apply for local amenities like safe warranties and telephone access. Local surcharges or service charges are not included in the total room rate. Local taxes may be additional. Please note that a change in the length or dates of your reservation may result in a rate change. Please check with the property for further details.

(Estimated Distance to Pasadena Convention Center 2.29 miles)



Saga Motor Hotel

1633 E. Colorado Blvd.
Pasadena, CA 91106
(800) 793-SAGA
(800) 793-7242
(626) 792-0559
<http://www.thesagamotorhotel.com>

Attendees shall make reservations directly with the Saga by calling, faxing, or through the online reservations system. **Refer to booking code: "IJCAI - Group 26".**

Conference Rates available July 9 - 17, 2009
Single Occupancy room rate: \$77.00 per night
Double Occupancy room rate: \$82.00 per night
Check-in time: 2:00 PM
Check-out time: 12:00 Noon
Cut-off date for conference rate reservations: June 9, 2009 at 5:00 PM PDT
Reservation requests received after the cut-off date will be accepted at rates then publicly available, subject to availability.

The Saga Motor Hotel rates are subject to prevailing local and other occupancy taxes, if any, which may be applicable during the blocked period. All reservation requests must be guaranteed by prepayment of one night's room accommodations using a valid credit card accompanied by proper identification upon check in.

(Estimated Distance to Pasadena Convention Center 1.67 miles)



Vagabond Inn Executive Pasadena

1203 E. Colorado Blvd.
Pasadena, CA 91106
626-449-3170
626-577-8873 Fax
<http://www.vagabondinn.com>

Attendees must make reservations through the hotel directly in order to receive the conference rate and by calling or faxing information to the direct numbers above. **When calling or faxing, refer to promotion code: "IJCAI."**

Conference Rates available July 11 - 16, 2009
Single or Double Occupancy room rate: \$80.00 per night
Check-in time: 3:00 PM
Check-out time: 12:00 Noon
Cut-off date for conference rate reservations: June 11, 2009 at 5:00 PM PDT
Reservation requests received after the cut-off date will be accepted at rates then publicly available, subject to availability.

The Vagabond Inn rates are subject to 15% sales tax on all rooms, not included in the above rates. The Vagabond Inn requires a valid credit card to confirm your reservation and guarantee your room. Any required deposit or pre-payment will be charged to this card immediately. Otherwise, your card will not be charged until you check-out.

Motel to Pasadena Convention Center Transportation information:

There are several Pasadena city transit buses that are available within one block walking distance of the Pasadena Convention Center from the accommodations listed above. The bus numbers are 256, 181, and 187. The Ramada Inn is the farthest distance from the Center, and the 256 bus does not pass the property. The bus fare at this time is \$1.35 one way and is subject to change without notice.

(Estimated Distance to Pasadena Convention Center 1.16 miles)



Airport Transportation

Los Angeles International Airport (LAX)

1 World Way, Los Angeles

LAX is located 30 minutes from Pasadena and offers non-stop and direct flights daily from every major national and international airline carrier.

(310) 646-5252 • <http://www.lawa.org/welcomeLAWA.html>

Ground Transportation to Pasadena:

Typical minimum charge to hotels from LAX:

Limousine, 90.00 USD; Super Shuttle, 22.00 USD; Taxi, 71.00 USD

Bob Hope Airport (Burbank/Pasadena/Glendale)

2627 N. Hollywood Way, Burbank

Burbank is 20 minutes from Pasadena and is serviced by Alaska, Aloha, American, America West, JetBlue, United, and Southwest Airlines.

(818) 840-8847 • <http://www.bobhopeairport.com/>

Ground Transportation to Pasadena:

Typical minimum charge to hotels from Burbank/Pasadena/Glendale Airport:

Limousine, 62.00 USD; Super Shuttle, 16.00 USD, Taxi 35.00 USD

Shuttle Service Companies

Prime Time Shuttle

Prime Time offers door-to-door service to and from Los Angeles International Airport and Bob Hope/Burbank Airport.

(800) 733-8267, (310) 342-7200 • <http://www.primetimeshuttle.com/>

Super Shuttle

SuperShuttle offers door-to-door service to and from Los Angeles International Airport and Bob Hope/Burbank Airport.

(626) 443-6600 or (800) 700-1983 • <http://www.supershuttle.com/>

XPress Shuttle

XPress offers door-to-door service to and from Los Angeles International Airport and Bob Hope/Burbank Airport.

(800) 427-7483 • <http://www.supershuttle.com/ExpressShuttle.aspx>

Disclaimer

In offering the Sheraton Pasadena Hotel, Hilton Pasadena, Los Angeles International Airport (LAX), Bob Hope Airport, and all other service providers (hereinafter referred to as "Supplier(s)") for the 21st International Joint Conference on Artificial Intelligence (IJCAI-09), AAAI and IJCAI act only in the capacity of agent for the Suppliers that are the providers of the service. Because AAAI and IJCAI have no control over the personnel, equipment or operations or providers of accommodations or other services included as part of the IJCAI-09 program, AAAI and IJCAI assume no responsibility for and will not be liable for any personal delay, inconveniences or other damage suffered by conference participants which may arise by reason of (1) any wrongful or negligent acts or omissions on the part of any Supplier or its employees, (2) any defect in or failure of any vehicle, equipment or instrumentality owned, operated or otherwise used by any Supplier, or (3) any wrongful or negligent acts or omissions on the part of any other party not under the control, direct or otherwise, of AAAI or IJCAI.

IJCAI-09 Venue

Pasadena, California

Located at the base of the beautiful San Gabriel Mountains, Pasadena's central location serves as a gateway to all that Southern California has to offer. Pasadena itself offers a surprising combination of sophisticated charm, culture, history, and fun. Pasadena is Southern California's premier dining and entertainment destination, with over 500 restaurants. The city consists of several districts, including "Old Town," an historic 22-block area, offering more than 120 specialty shops, retail stores and boutiques, 80 restaurants, and an array of entertainment opportunities. Several world-class museums, including the Huntington Library and Art Gallery, the Norton Simon Museum, and the Pacific Asia Museum are located here, as well as several extensive botanical gardens at the Los Angeles County Arboretum, the Huntington Library, and Descanso Gardens, reflecting Pasadena's association with the "Rose." The city has a rich architectural heritage, which includes an unusual concentration and diversity of landmark-quality buildings dating from the late 1880s. Be sure to visit the recently renovated City Hall — only steps away from the Pasadena Convention Center — an exquisite 1927 landmark exhibiting Italian Renaissance and Spanish influences. Pasadena has a lively arts scene, with such diverse offerings as the famous Pasadena Playhouse or Ice House Comedy Club, which has played host to the comedic talents of Steve Martin, Robin Williams, and Lily Tomlin. Pasadena has long been considered a premier center for science and technology, serving as the home to the California Institute of Technology and the Jet Propulsion Laboratory, as well as several high-profile industry partners. For more information, please visit <http://www.pasadenacal.com/>.

An extended version of this registration brochure is available at

<http://www.ijcai-09.org>.

Directions

From the 210 westbound

Take the 210 freeway west to the Fair Oaks/Marengo exit. Turn left on Marengo and proceed 4 blocks to Green Street. Turn left onto Green Street, the Pasadena Civic is located on the right hand side at 300 E Green.

From the 210 southbound

Take the 210 freeway south to the Colorado Blvd exit on to St John Ave. Continue south on St John past Colorado Blvd and turn left onto Green Street. Travel five blocks east on Green Street. The Pasadena Civic is located on the right hand side at 300 E Green.

From the 134 eastbound

Take the 134 east to the Fair Oaks/Marengo exit. Turn right on Marengo and proceed 4 blocks to Green Street. Turn left onto Green Street and the Pasadena Civic is located on the right hand side at 300 E Green.

From the 110 northbound

Take the 110 freeway north to the end of the freeway. The freeway ends at a stoplight. Proceed through the stoplight, you are now on Arroyo Parkway. Exactly one mile from the stoplight you will come to Green Street. Turn right onto Green Street, the Pasadena Civic is located two blocks down on the right hand side at 300 E Green.

Metro Gold Line to Pasadena

(http://www.metro.net/riding_metro/gold_line.htm) The Pasadena Civic is located within walking distance of the Memorial Park & Del Mar stations.

Pasadena Convention Center Parking

On-site Parking: 800 spaces

Two Entrances: Marengo Avenue to the west and Euclid Avenue to the east between Green Street and Cordova

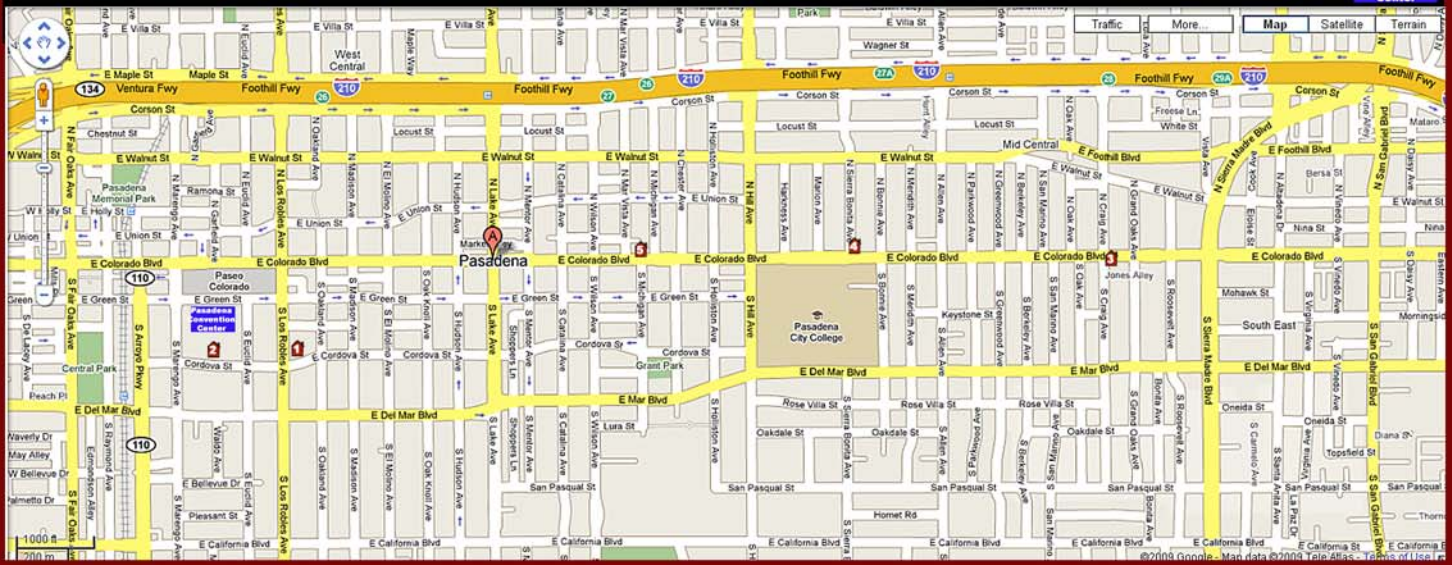
Daily Rate: \$7

Additional Parking: 2,500 spaces within a one-block radius



- 1 - Hilton Pasadena 2 - Sheraton Pasadena Hotel 3 - Ramada Pasadena 4 - Saga Motor Hotel 5 - Vagabond Inn Executive Pasadena

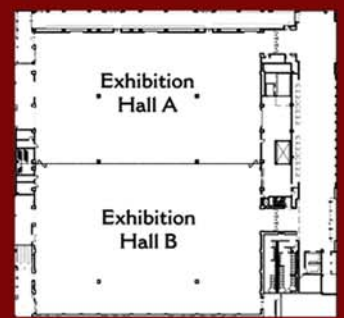
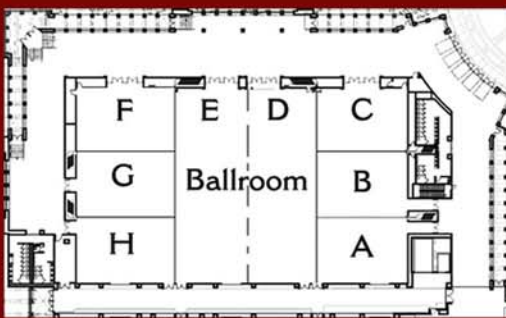
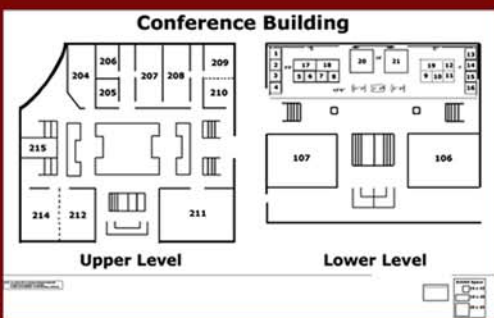
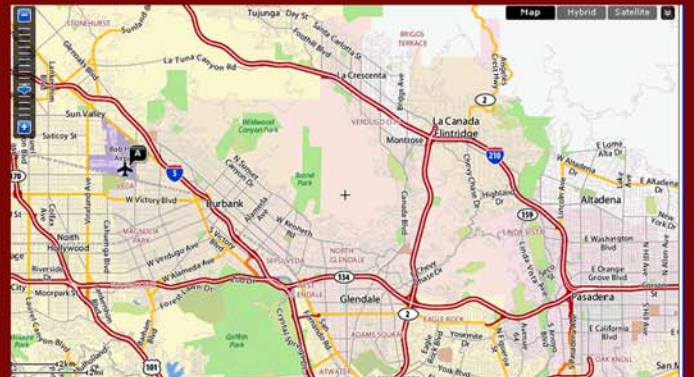
Pasadena Convention Center



Los Angeles Airport



Bob Hope Airport





IJCAI-09 / IAAI-09 Registration Form

Name _____ Company/Univ. _____
 Home Work
 Address _____ Dept./MS _____
 City _____ State _____ Zip _____
 Country _____ Daytime Telephone & Fax _____
 Membership No. _____ E-mail Address _____

Circle fees that apply	Early (by May 15)*			Late (by June 12)†			Onsite (after June 12)‡			TOTAL			
Technical Registration	Regular \$685	Student* \$325		Regular \$790	Student* \$360		Regular \$895	Student* \$395		_____			
Platinum Technical Registration <i>Fee includes one-year membership in AAAI.</i>	Regular US/Canada			Student* US/Canada			International			International Student*	_____		
	<i>Early</i>	<i>Late</i>	<i>Onsite</i>	<i>Early</i>	<i>Late</i>	<i>Onsite</i>	<i>Early</i>	<i>Late</i>	<i>Onsite</i>	<i>Early</i>	<i>Late</i>	<i>Onsite</i>	
	\$805	\$910	\$1015	\$375	\$410	\$445	\$825	\$930	\$1035	\$395	\$430	\$465	
Tutorial Registration <i>Fee includes up to four consecutive tutorials. Circle no more than one course in each horizontal row.</i>	Early (by May 15)*			Late (by June 12)†			Onsite (after June 12)‡						
	Regular		Student*	Regular		Student*	Regular		Student*				
	\$170		\$50	\$205		\$75	\$245		\$110				
	SA1	SA2	SA3	SA4	SA5								
	SP1	SP2	SP3	SP4									
	MA1	MA2	MA3	MA4	MA5								
	MP1	MP2	MP3	MP4	MP5								
Regular Workshop Registration <i>To qualify for "with tech" fees, you must also register for the technical program. Fees are per workshop.</i>	1 Day with Tech			2 Day with Tech			1 Day Workshop Only			2 Day Workshop Only			_____
	<i>Early</i>	<i>Late</i>	<i>Onsite</i>	<i>Early</i>	<i>Late</i>	<i>Onsite</i>	<i>Early</i>	<i>Late</i>	<i>Onsite</i>	<i>Early</i>	<i>Late</i>	<i>Onsite</i>	
	\$90	\$135	\$195	\$135	\$180	\$240	\$230	\$275	\$335	\$310	\$355	\$415	
Student* Workshop Registration <i>Fee are per workshop.</i>	1 Day with Tech			2 Day with Tech			1 Day Workshop Only			2 Day Workshop Only			_____
	<i>Early</i>	<i>Late</i>	<i>Onsite</i>	<i>Early</i>	<i>Late</i>	<i>Onsite</i>	<i>Early</i>	<i>Late</i>	<i>Onsite</i>	<i>Early</i>	<i>Late</i>	<i>Onsite</i>	
	\$75	\$110	\$160	\$110	\$145	\$195	\$165	\$200	\$250	\$225	\$260	\$310	
<i>If registering for a workshop, please circle workshop number(s):</i>	W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11	W12	
	W13	W14	W15	W16	W17	W18	W19	W20	W21	W22	W23	W24	W25
	W26	W27	W28	W29	W30	W31	W32						
<i>Workshop only registration does not include admission to any IJCAI-09 or IAAI-09 session, event, or reception.</i>													
Banquet	\$85.00												_____
Accompanying Persons	\$85.00												_____
Hardcopy Proceedings	<input type="checkbox"/> IAAI (\$30.00) <input type="checkbox"/> IJCAI (\$125.00) Onsite price. No additional discount. Shipping is additional.												_____
CRA Mentoring Workshop	\$235.00 (by May 15)			\$265.00 (after May 15)									_____

Method of Payment

Check One: MasterCard Visa American Express Cash Check payable to AAAI and drawn on a US Bank

Credit Card Number: _____ Expiration Date: _____

Name on Card: _____ Card Verification Number:* _____

Business Name: _____ Signature: _____

Credit Card Billing Address: _____

**The card verification number on Visa and Mastercard is a 3-digit number printed on the back of your card. It appears after and to the right of your card number. On American Express cards, the verification number is a 4-digit number printed on the front of your card. It appears after and to the right of your card number.*

All refund requests must be made in writing by **June 19, 2009**. A \$100.00 processing fee will be assessed for all refunds granted. ‡Registrations postmarked or transmitted electronically after June 12, 2009 are subject to onsite rates.

Total Enclosed \$ _____

Send with payment to IJCAI/IAAI-09 Registration

c/o AAAI ■ 445 Burgess Drive, Suite 100 ■ Menlo Park, CA 94025 USA ■ 650-328-3123 ■ Fax 650-321-4457.

*Early registration must be postmarked by May 15. †Late registrations must be postmarked by June 12. ‡Postmarked after June 12 or on site.

*Students must submit proof of full-time status, either with a school registration receipt or a signed letter from their faculty advisor.



Microsoft
Research
Microsoft is a registered trademark of Microsoft Corporation.



YAHOO! LABS

Google



JPL



David E. Smith

