



aaai-11 – san francisco

august 7–11 – www.aaai.org/aaai11

The Twenty-Fifth AAAI Conference on Artificial Intelligence

Special Track on AI and the Web

Sponsored by the Association for the Advancement of Artificial Intelligence

The web has evolved from a simple hypertext standard into a ubiquitous, global information system including virtually all of human knowledge. Today's web provides ready access to not only text, images, and audio files, but also to structured and semistructured information, sensor data, composable services, and communities of people. It offers an open and decentralized environment in which anyone can publish information and services coupled with powerful search engines and agents to discover them. All of this is ubiquitously available from wired, wireless, and mobile devices. The result is an environment enormously useful to people for research, learning, commerce, socializing, communication, and entertainment. We have just begun to explore how this vast amount of machine accessible knowledge can be exploited and used by machines to better serve human needs as well as to discover new knowledge.

This special track invites research papers on AI techniques, systems, and concepts involving or applied to the web. Papers should either describe web related research or clearly explain how the work addresses problems, opportunities or issues underlying the web or web-based systems. Relevant topics include the following:

- ↪ AI for web services: semantic descriptions, planning, matching, and coordination
- ↪ AI for web-based collaboration and cooperation
- ↪ Agents and multiagent systems on the web
- ↪ Enhancing web search and information retrieval
- ↪ Human language technologies for web systems, including text summarization and machine translation
- ↪ Information extraction on the web
- ↪ Information integration on the web
- ↪ Intelligent user interfaces for web systems
- ↪ Knowledge acquisition from the web
- ↪ Languages, tools, and methodologies for representing, managing, and visualizing semantic web data
- ↪ Link-analysis and graph mining on the web
- ↪ Machine learning and the web
- ↪ Mining web logs, query logs, blogs
- ↪ Ontologies and the web: creation, extraction, evolution, mapping, merging, and alignment; tags and folksonomies
- ↪ Question answering on the web
- ↪ Recognizing web spam such as link farms and splogs
- ↪ Representing, reasoning, and using provenance, trust, privacy, and security on the web
- ↪ Searching, querying, visualizing, and interpreting the semantic web

Timetable for Authors

- ↪ February 3, 2011: Electronic abstracts due
- ↪ February 8, 2011: Electronic papers due
- ↪ April 15, 2011: Notification of acceptance or rejection
- ↪ May 3, 2011: Camera-ready copy due at AAAI office

- ↪ Social networking and community identification
- ↪ Web personalization and user modeling
- ↪ Web-based opinion extraction and trend spotting
- ↪ Web-based recommendation systems

Papers will be reviewed by qualified reviewers drawn from a special track committee as well as the general program committee. Submissions to this special track deemed not to be relevant may be considered for review for the general technical papers track at the discretion of the track and conference cochairs.

Author Registration

Authors must register at the AAAI-11 AI and the Web web-based technical paper submission site, which will be accessible from this site after December 1, 2010. The software will assign a password, which will enable the author to log on to submit an abstract and paper. To avoid a rush at the last minute, authors are encouraged to register as soon as possible after December 1, and well in advance of the February 3 abstract deadline.

Registration will close at 11:00 PM PST on February 3, 2011. ↪ Abstract submissions will close at 11:59 PM PST on February 3, 2011. ↪ Final paper submissions will close at 11:59 PM PST on February 8, 2011.

Abstract and Paper Submission

Electronic abstract and paper submission through the AAAI-11 AI and the Web paper submission site is required on or (preferably) before the deadline dates listed above. We cannot accept submissions by e-mail or fax.

Papers must be in trouble-free, high resolution PDF format, formatted for US letter (8.5" x 11") paper, using type 1 or TrueType fonts. Papers may be no longer than 6 pages including references, and formatted in AAAI two-column, camera-ready style (see the author instructions page at www.aaai.org/Publications/Author/author.php). Please note that these formatting instructions are for final, accepted papers; no additional pages can be purchased at the review stage. In addition, the copyright slug may be omitted in the initial submission phase. Please also refer to the AAAI-11 website for instructions on how to prepare your paper

for blind review.

Authors will receive confirmation of receipt of their abstracts or papers, including an ID number, shortly after submission. AAAI will contact authors again only if problems are encountered with papers. Inquiries regarding lost papers must be made no later than February 15, 2011.

Submissions to Other Conferences or Journals: Papers submitted to this conference must not have been accepted for publication elsewhere or be under review for another AI conference. The guidelines of the AAAI policy on multiple submissions are fully detailed on the AAAI-11 website and must be carefully followed.

Review Process: Program committee members will identify papers they are qualified to review based on the information submitted electronically (the paper's title, keywords, and abstract). Their reviewing will be done blind to the identities of the authors and their institutions.

Authors will have a limited opportunity to respond to initial reviews. This author's feedback may then be taken into account in the final reviews and recommendations. The program committee's reviews will make recommendations to the senior program committee, which in turn will make recommendations to the track cochairs. Although the track cochairs will formally make all final decisions, in practice almost all will be made earlier in the process.

Publication: Accepted papers will be allocated six (6) pages in the conference proceedings. Up to two (2) additional pages may be used at a cost to the authors of US\$ 275 per page. Final papers exceeding eight (8) pages and those violating the instructions to authors will not be included in the proceedings. Authors will be required to transfer copyright of their paper to AAAI.

Questions and Suggestions

Concerning author instructions and conference registration, write to aaai11@aaai.org. Concerning suggestions or other inquiries, write to the AI and the Web Special Track cochairs: Chin-Yew Lin (Microsoft Research Asia, China) and Michael Strube (HITS gGmbH, Germany).