Call for Papers
1st European Semantic Web Symposium
May 10 to May 12, 2004
Heraklion, Greece
http://www.esws2004.org/

The vision of the Semantic Web is to enhance today's web via the exploitation of machine-processable meta data. The explicit representation of the semantics of data, accompanied with domain theories (ontologies), will enable a web that provides a qualitatively new level of service. It will weave together an incredibly large network of human knowledge and will complement it with machine processability. Various automated services will help the user achieve goals by accessing and providing information in machine-understandable form. This process may ultimately create extremely knowledgeable systems with various specialized reasoning services systems. Many technologies and methodologies are being developed within Artificial Intelligence, Human Language Technology, Machine Learning, Databases, Software Engineering and Information Systems that can contribute towards the realization of this vision.

In the European context, the 6th framework programme has demonstrated the EU's commitment to this technology area and a number of exciting new projects in the Semantic Web area have been launched, aggregated in the SDK project cluster - see http://www.sdk-cluster.org/ for further details. A tutorial programme, based around these projects, offers the opportunity to get up to speed with European and global developments in this exciting new area. All 6th framework projects, as well as other leading projects, in the Semantic Web area will be represented with posters. The conference will be co-located with the OntoWeb thematic network seminar and the Knowledge Web network of excellence meeting – see http://www.ontoweb.org/ and http://knowledgeweb.semanticweb.org/ for further details of OntoWeb and Knowledge Web events, respectively.

SUBMISSIONS

ESWS2004 welcomes the submission of original research and application papers dealing with all aspects of the Semantic Web, particularly those relating to the subject areas indicated by the topics below. We particularly encourage the submission of papers relating to industrial efforts and experiences with Semantic Web projects. We also encourage theoretical, methodological, empirical and applications papers. The conference also encourages the submission of system demonstrations. Please see the Web site http://www.esws2004.org/.

It is planned to publish the proceedings in the Springer Lecture Notes in Computer Science series

CONFERENCE TOPICS OF INTEREST AND AREA KEYWORDS

Suggested topics include:

- Languages, Tools and Methodologies for Semantic Annotation of Web Data
- (Semi-)automatic ontology learning and metadata generation (Including HLT and machine learning approaches)
- Ontology Management (creation, merging, linking, mediation and reconciliation)
- Semantic Web Services (service description, discovery, invocation, composition)
- Semantic Web-based Knowledge Management
- Data Semantics
- Database Technologies for the Semantic Web
- Semantic Knowledge Portals
- Semantic Brokering
- Semantic Interoperability
- Semantic Web Mining
- Semantic Web Inference Schemes
- Semantic Web Trust, Privacy, Security and Intellectual Property Rights
- Semantic Web for e-Business and e-Learning
- Semantic Searching and Querying
- Visualization and modelling

ORGANIZING COMMITTEE

Academic track: Dieter Fensel (DERI, Austria and Ireland), Rudi Studer (University of Karlsruhe, Germany)
Tutorial programme: John Davies (BT, UK)
Industrial track & Demo chair: Christoph Bussler (DERI, Ireland)
Local arrangements: Jos de Bruijn (DERI, Austria), Martin Doerr (ICS-FORTH, Greece)

IMPORTANT DATES

Full Paper Submission: January 12, 2004
Acceptance Notification: February 18, 2004
Camera-Ready Papers due: March 12, 2004

SUBMISSION DETAILS

- Paper submission and reviewing for ESWS2004 will be electronic, via the conference WWW site: http://www.esws2004.org/.
  The only formats allowed for submission are PostScript or PDF (Adobe's Portable Document Format). These are widely supported and well-known standards: papers will not be accepted in any other format (e.g., MS Word) because of compatibility problems between software versions, machines, and nationalities. See the conference WWW site for information about how to convert other formats (e.g., MS Word) to PDF/PostScript. Note that the electronic submission site is likely to be very busy around the paper submission deadline. You are strongly urged to submit your abstract and your paper as far in advance of the deadline as possible.
- Submitted papers must be formatted in the style of the Springer publications format for Lecture Notes in Computer Science (LNCS).
- ESWS2004 will not accept any paper which, at the time of submission, is under review for or has already been published or accepted for publication in a journal or another conference.
- Authors of accepted papers will be required to markup the abstract of their submission (help will be provided for this task) for the (Semantic) Web. Details will be provided on the web page.
- The conference will include contributed papers, system presentations, project posters and tutorials. There are two categories of paper submissions:
  - **Research papers.** Papers should not exceed fifteen (15) pages in Springer's LNCS format. They should describe original research (practical or theoretical), or provide a survey/overview of an area of research that is contributing to the realisation of the Semantic Web. Note that full length (15 pages) system/application papers are welcome in this category.
  - **Industrial application papers** Papers should not exceed fifteen (15) pages in Springer's LNCS format. They should describe an implemented tool or service that either contributes to the realisation of the Semantic Web or is using Semantic Web technology in a "real world" setting.
- All European Semantic Web projects, as well as other research projects in the Semantic Web area world-wide, are invited to present a poster at the ESWS2004. Each project presenting a poster is requested to submit a two-page project description. Submission details will be on the web site http://www.esws2004.org/. Submission deadline is February 28, 2004.
- ***The conference also invites proposals to demonstrate novel Semantic Web software.*** This program is intended to showcase state-of-the-art Semantic Web implementations. Submissions will be evaluated on the basis of their innovation, relevance, scientific contribution, presentation, and user friendliness, as well as potential logistical constraints. This program is primarily to encourage the early exhibition of research prototypes, but interesting mature systems are also eligible (*commercial sales and marketing activities are not appropriate in the Demonstration program*). We encourage the submission of proposals for demonstrations of software related to any areas of the Semantic Web. Format for Submission: Demo proposals consist of the following parts, which should all be sent to the Demo Chair. - An abstract of the technical content to be demonstrated, not to exceed two pages, including title, authors, full contact information, references and acknowledgements. - The local organizer will provide, space, power, and a wireless internet connection (demonstrators should bring their own wireless network cards in addition to all other equipment required for the demo). Deadline for submission is January 31, 2004. The notification of acceptance will be on February 18, 2004.

ABOUT THE CONFERENCE VENUE

The conference will be held in the Aldemar Knossos Royal Village – Conference Centre
LIMIN HERSONISSOU, HERAKLION, CRETE, 700 14, GREECE

http://www.greekconference.com/confprop.php?vacpropertyID=264

The Knossos Royal Village Hotel, is superbly located right on the sandy shores of northern Crete, only 23 km from Heraklion International Airport and within walking distance from the lively resort of Hersonissos - 2 km away.

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