

ISWC 2006

5TH INTERNATIONAL SEMANTIC WEB CONFERENCE

NOVEMBER 5 (SUNDAY) -
NOVEMBER 9 (THURSDAY)
2006

[HTTP://ISWC2006.SEMANTICWEB.ORG/](http://iswc2006.semanticweb.org/)

ATHENS, GEORGIA
USA



HOSTED BY
LSDIS



Large Scale Distributed Information Systems Lab

<http://lsdis.cs.uga.edu/>

THE ISWC 2006 CONFERENCE OFFERS A FULL RANGE OF CONFERENCE EVENTS,

including Research Track, Semantic Web in UseTrack, Semantic Web Challenge, Demonstrations/Posters, Doctoral Consortium, Workshops, and Tutorials.

The dream of the Web was to create a human communication and collaboration platform for sharing knowledge and enabling a universal space for information and services. We all are now much more connected, and in turn face new resulting problems: service and information overload caused by insufficient support for information selection, organization and collaboration. The Semantic Web, by providing standards for formulating and distributing metadata and ontologies, enables means for information organization and selective access. However, the Semantic Web requires new infrastructure on all levels - e.g., human-computer interaction, expressive representation and query languages, reasoning engines, data representation and integration, interoperability middleware, and distributed computing.

To foster the exchange of ideas and collaboration, the International Semantic Web Conference brings together researchers in relevant disciplines such as artificial intelligence, databases, distributed computing, web engineering, information systems, and human-computer interaction.

The Fifth International Semantic Web Conference (ISWC2006) follows on the success of previous conferences and workshops in Galway, Ireland (2005), Hiroshima, Japan (2004), Sanibel Island, USA (2003), Sardinia, Italy (2002), and Stanford, USA (2001).



TOPICS OF INTERESTS

The various activities to take place during ISWC2006 will be covering in depth a wide variety of topics, dealing with both analytical and practical aspects of Semantic Web research. Among them, you will find research, developments, and applications dealing with:



- Applications of Semantic Web technologies with clear lessons learned
- Semantic Web for e-business, e-science, e-government, and e-learning, e-health, digital libraries, tourism, mobile & ubiquitous applications, digital TV
- Languages, tools and methodologies for representing and managing Semantic Web data
- Robust and scalable knowledge management and reasoning on the Web
- Ontology creation, extraction, and evolution
- Ontology mapping, merging, and alignment
- Database technologies for the Semantic Web
- Semantic Web middleware
- Machine learning and human language technologies for the Semantic Web
- Semantic Web services
- Agents on the Web
- Representing and reasoning about trust, privacy, and security
- Semantic web technology for collaboration and cooperation
- Social software
- Semantic multimedia
- Semantics in peer-to-peer systems and grids
- Searching, querying, visualizing and interpreting the Semantic Web
- Evaluation of Semantic Web techniques
- The Semantic Desktop
- User-centered Semantic Web applications and/or interaction design
- Security for the Semantic Web

CHAIRS

ORGANIZING COMMITTEE

General Chair

Daniel Schwabe, Catholic University of Rio de Janeiro (PUC-Rio), Brazil

Research Track Chairs

Isabel Cruz, University of Illinois at Chicago, USA
Stefan Decker, DERI Galway, Ireland

Semantic Web in Use Track Chairs

Dean Allemang, TopQuadrant, USA
Chris Preist, HP Labs, UK

Tutorials Chair

Wolfgang Nejdl, L3S and University of Hannover, Germany

Workshops Chair

Vipul Kashyap, Partners HealthCare System, USA

Meta Data Chair

Eric Miller, W3C, USA

Sponsorship Chairs

Amit Sheth, for the Americas, University of Georgia and Semagix Inc., USA
Steffen Staab, for Europe, University of Koblenz, Germany

Local Organization Chair

Budak Arpinar, University of Georgia, USA

Printed Proceedings Chair

Jennifer Golbeck, University of Maryland, USA

Posters and Demo Chair

Libby Miller, Asemantics, UK

Web Challenge Chairs

Peter Mika, Vrije Universiteit Amsterdam, The Netherlands
Mike Uschold, Boeing Corporation, USA

Doctoral Consortium Chair

Lora Aroyo, Eindhoven University of Technology, The Netherlands

CONFERENCE VENUE

ATHENS, GEORGIA USA

Welcome to Athens, a vibrant city that defines sophisticated Southern culture. Just below the foothills of the Blue Ridge Mountains, this university city of just over 100,000 residents offers visitors a unique blend of Southern heritage and contemporary entertainment. A wide range of award-winning restaurants offers distinctive dining. Take time to stroll through our inviting, restored downtown or take a drive through historic districts, featuring antebellum, Victorian, and other period homes. View the state's official art collection, a traveling art exhibition, or one of our many local galleries. Treat yourself to a Broadway production without metropolitan hassles, and experience the bustling nightlife of Athens' world-renowned music scene. Cheer on one of the Georgia Bulldogs' top-ranked collegiate sports teams, or commune with nature at one of our major horticulture nurseries and lovely gardens. Whether you're interested in history, sports, shopping, entertainment, or nature, you'll "Experience a Masterpiece" in Athens!

THE GEORGIA CENTER

Mission

To provide innovative lifelong learning opportunities that develop intellectual and human potential.

Educational Programs

As the continuing education arm of The University of Georgia's teaching, research, and service components, the Georgia Center fulfills its mission through award-winning credit and non-credit programs and courses. Faculty members from across the UGA campus are sought out and integrated into the program development process; consequently, the Georgia Center brings to bear potentially all disciplines of the University in meeting the lifelong learning needs of Georgia's adult citizens.



CONTACT

Scientific contact:

Prof. Daniel Schwabe

Catholic University of Rio de Janeiro (PUC-Rio), Brazil
schwabe.iswc2006@mailnull.com,
<http://www-di.inf.puc-rio.br/schwabe/>

Local organization contact:

Prof. I. Budak Arpinar

Computer Science Department, University of Georgia,
Athens, GA
budak@cs.uga.edu, www.cs.uga.edu/~budak

Conference venue contact:

Holly Blanchard, Event Coordinator

Georgia Center for Continuing Education Conference Center
and Hotel
Holly.Blanchard@georgiacenter.uga.edu,
www.georgiacenter.uga.edu



The University of Georgia
Center for Continuing Education
Conference Center & Hotel