



ISSN: 1552-6283; E-ISSN: 1552-6291  
 Published: Quarterly  
 Institution: US \$475.00; Individual: US \$115.00  
 Online Only (Institution): US \$425.00  
*Prices are subject to change without notification.*

**FREE  
 Electronic  
 Access for  
 Libraries  
 with the  
 Purchase of  
 a Print  
 Subscription!**

## International Journal on Semantic Web and Information Systems

The **International Journal on Semantic Web and Information Systems** is an archival journal that publishes high quality original manuscripts in all aspects of Semantic Web that are relevant to computer science and information systems communities. As a multidisciplinary field, research in intelligently labeling, integrating, linking, analyzing and making sense of data in all forms on the Web and networks, by using the theory and practice in disciplines such as artificial intelligence, natural language processing, soft computing, databases, information retrieval, social networks, distributed computing, web engineering, information systems, and human-computer interaction, are welcome. Publications on original research, encompassing new algorithms, system development, computing techniques, architectures, languages, modeling, methodology, and path breaking applications, frameworks, and evaluation, are welcome.

### Coverage

The journals' area of interest is a superset of topics covered in conferences such as International Semantic Web Conference, European Semantic Web Conference, Asian Semantic Web Conference series, the World Wide Web-Semantic Web track, and others. The topics include, but are not limited to:

- Ontologies, folksonomies, and associated knowledge representation issues such as modeling, learning, searching, reuse, extraction, evolution, mapping, merging, representation, alignment, and evaluation
- Semantic Web data management such as metadata extraction/annotation, linking, representation, searching, integration, querying, reasoning, analysis, ranking
- Semantics and human computer interfaces, including visualization, mashups
- Semantic applications on the Web, enterprises, desktops, personal mobile devices, e-science and e-government applications, and associated issues of provenance, trust, privacy, security, quality, scalability, and performance
- Semantics in business processes, distributed computing and services (especially Semantic Web services), including p2P, middleware, sensors, mobile, grid and cloud computing
- Social Semantic Web and People Web
- Semantic Web issues, challenges, and implications in each IS research streams, including knowledge services and business models, business intelligence, e-services, e-commerce
- Beyond Semantic Web, e.g., extending meaning with perception and experience

## Editor-in-Chief

Amit Sheth

Kno.e.sis Center, Wright State University, USA

## Associate Editors

- Gottfried Vossen, University of Muenster, Germany
- Martin Hepp, Bundeswehr University Munich, Germany

## Editorial Board

- Karl Aberer, Institute for Core Computing Science, Switzerland
- Chris Bizer, Freie Universitaet Berlin
- Richard Benjamins, University of Amsterdam, the Netherlands
- Abraham Bernstein, University of Zurich, Switzerland
- Paolo Bouquet, University of Trento, Italy
- Francois Bry, University of Munich, Germany
- Christoph Bussler, Merced System, USA
- Jorge Cardoso, SAP Research, Germany
- Vassilis Christophides, ICS-Forth, Greece
- Oscar Corcho, University of Manchester, UK
- John Davies, British Telecom, UK
- Dieter Fensel, University of Innsbruck, Austria
- Farshad Fotouhi, Wayne State University, USA
- Asuncion Gomez-Perez, Polytechnic University of Madrid, Spain
- William I. Grosky, University of Michigan, USA
- Nicola Guarino, STC-CNR, National Research Council, Italy
- Manfred Hauswirth, DERI Galway, Ireland
- James Hendler, Rensselaer Polytechnic Institute (RPI), USA
- Vasant Honavar, Iowa State University, USA
- Lakshmi S. Iyer, University of North Carolina, USA
- Ramesh Jain, University of California, Irvine, USA
- Anupam Joshi, University of Maryland, Baltimore County, USA
- Vipul Kashyap, Partners Healthcare, USA
- Henry M. Kim, York University, Canada
- Ralf Klischewski, University of Hamburg, Germany
- Matthias Klusch, German Research Center for Artificial Intelligence, Germany
- Shiyong Lu, Wayne State University, USA
- Miltiadis D. Lytras, Athens University of Economics and Business, Greece
- Michael Maximilien, IBM Research, USA
- Mark Musen, Stanford University, USA
- Ambjorn Naeve, Royal Institute of Technology, Sweden
- Jeff Z. Pan, University of Aberdeen, Scotland
- Demetrios Sampson, University of Piraeus, Greece
- Miguel-Angel Sicilia, University of Alcal, Spain
- Rahul Singh, University of North Carolina, USA
- Susie Stephens, Eli Lilly and Company, USA
- York Sure, University of Karlsruhe, Germany
- Bhavani Thuraisingham, University of Texas at Dallas, USA
- Ubbo Visser, University of Bremen, Germany
- Gerd Wagner, Brandenburg University of Technology at Cottbus, Germany
- Yong Yu, Shanghai Jiao Tong University, China
- Lina Zhou, University of Maryland, Baltimore County, USA

Download a recommendation form  
for your library at  
[http://www.igi-global.com/downloads/pdf/  
LibRecForm.pdf](http://www.igi-global.com/downloads/pdf/LibRecForm.pdf)

Authors can view submission guidelines and download a  
FREE sample copy of IJSWIS at  
<http://www.igi-global.com/ijswis>

All submissions and inquiries should be  
directed to the attention of  
ijswis-help or [ijswis@knoesis.org](mailto:ijswis@knoesis.org)

## Indices

- Cabell's Directory
- CSA Illumina
- DBLP
- DEST Register of Refereed Journals
- Gale Directory of Publication & Broadcast Media
- GetCited
- Compendex (Elsevier Engineering Information)
- The Index of Information Systems Journals
- INSPEC
- Media Finder
- Standard Periodical Directory
- Thomson Scientific (SCI)
- Ulrich's International
- Periodicals Directory
- Burrelle's Media Directory

## Recent Articles

- Ontology-enhanced Concept Hierarchies for Text Identification
- Identity of Resources and Entities on the Web
- Semantic Web Services and Mobile Agents Integration for Efficient Mobile Services
- Using a Natural Language Understanding System to Generate Semantic Web Content
- Semantic Labeling of Online Information Sources
- A Formal Foundation for Ontology-Alignment Interaction Models
- Exploring the Value of Folksonomies for Creating Semantic Metadata
- Mediating RDF/S Queries to Relational and XML Sources
- Information Retrieval by Semantic Similarity
- Events in Multimedia Electronic Chronicles (E-Chronicles)
- Unraveling the Taste Fabric of Social Networks
- The Human Semantic Web Shifting from Knowledge Push to Knowledge Pull

## About the Editors

Prof. Amit Sheth is an educator, researcher, entrepreneur, IEEE Fellow, LexisNexis Ohio Eminent Scholar and Director of The Kno.e.sis Center (<http://knoesis.org/amit>) at Wright State University, Dayton, OH, USA.

Prof. Dr. Martin Hepp is a Professor of General Management and E-Business and head of the E-Business and Web Science Research Group (<http://www.unibw.de/ebusiness/>), Bundeswehr University Munich, Germany (<http://www.unibw.de/ebusiness/>).

Prof. Dr. Gottfried Vossen heads the Database Group at University of Münster, Germany (<http://dbms.uni-muenster.de/>).