Call for Papers

Special Issue on
Web Information Systems and Technologies

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Scope
This special issue has as main purpose to highlight the benefits of Web Information Systems and Technologies for industry and services, in addition to academic applications. Ideas on how to solve business problems, using Web-based information systems and technologies, are welcome to this special issue.

This special issue is open to researchers from both academia and industry of Web Information Systems and Technologies interested in the technological advances and business applications of Web-based information systems.

Because the special issue is closely linked to the International Conference on Web Information Systems and Technologies (WEBIST), it shares the five main tracks with it. They cover different aspects of Web Information Systems, including Internet Technology, Web Interfaces and Applications, Society, e-Communities, e-Business, Web Intelligence and Mobile Information Systems.

Areas
Unlisted but related sub-topics are also acceptable, provided they fit in one of the following main topic areas:
1. INTERNET TECHNOLOGY
2. WEB INTERFACES AND APPLICATIONS
3. SOCIETY, E-BUSINESS AND E-GOVERNMENT
4. WEB INTELLIGENCE
5. MOBILE INFORMATION SYSTEMS
AREA 1: INTERNET TECHNOLOGY
- Authentication and Access Control
- Databases and Datawarehouses
- Distributed and Parallel Applications
- Protocols and Standards
- System Integration
- Web Programming
- Web Security and Privacy
- Web Services and Web Engineering
- XML and Data Management

AREA 2: WEB INTERFACES AND APPLICATIONS
- Accessibility Issues and Technology
- Big Data for Internet-based Services
- Metadata and Metamodeling
- Multimedia and User Interfaces
- Personalized Web Sites and Services
- Portal Strategies
- RESTful Web Services
- Searching and Browsing
- Usability and Ergonomics
- User Modeling
- Web Geographical Information Systems
- Service Oriented Architecture and Methodology

AREA 3: SOCIETY, E-BUSINESS AND E-GOVERNMENT
- Communities of Interest
- Communities of Practice
- e-Business and e-Commerce
- e-Government
- e-Payment
- Knowledge Management
- Social and Legal Issues
- Social Media Analytics
- Social Networks and Organizational Culture
- Web 2.0 and Social Networking Controls

AREA 4: WEB INTELLIGENCE
- Collective Intelligence
- Computational Intelligence on the Web
- Data Mining
- Learning User Profiles
- Meta-Knowledge Discovery and Representation
- Opinion Mining and Sentiment Analysis
- Privacy and Confidentiality
- Recommendation Systems
- Text Mining
User-Centric Systems
Web Information Filtering and Retrieval
Web of Things
Ontology and the Semantic Web

AREA 5: MOBILE INFORMATION SYSTEMS
App Development Methods
Context Aware Media Tagging
Context Awareness
Context Detection
Mobile APIs and Services
Mobile Cloud
Mobile Commerce
Mobile Learning
Mobile Media Sharing Systems
Mobile Navigation and Assistance
Mobile Social Network Interaction
Social Network Awareness

Important Dates
Submission: 26 February 2016
First Notification: 31 May 2016
Revision submission: 15 July 2016
Second notification: 9 August 2016
Final version submission: 2 September 2016
Publication: November 2016 (approx.)

Paper Submission
Papers submitted to this special issue for possible publication must be original and must not be under consideration for publication in any other journal or conference. Previously published or accepted conference/workshop papers must contain at least 30% new material to be considered for the special issue (for workshop 50% new content is required). All papers are to be submitted by referring to http://www.springer.com/607. During submission please select “S.I. Special Issue on Web Information Systems and Technologies” under Manuscript Category.

All manuscripts must be prepared according to the journal publication guidelines which can also be found on the website provided above. Papers will be reviewed following the journal standard review process.

The paper page limit (strict) is 20 pages. Paper that will not follow journal formatting will not be considered for review.