

CALL FOR PAPERS

14th International Workshop on Research Issues on Data Engineering: Web Services for E-Commerce and E-Government (RIDE-WS-ECEG'2004)



IEEE Computer
Society

Sponsored by the IEEE Computer Society

Boston, USA, March 28-29, 2004

<http://www.nvc.cs.vt.edu/ride04>

In conjunction with ICDE'04

RIDE-WS-ECEG'2004 is the fourteenth workshop in a series of annual workshops on *Research Issues in Data Engineering (RIDE)*, which have been held in conjunction with the IEEE CS International Conferences on Data Engineering. In 2004, RIDE focuses on *Web Services for E-Commerce and E-Government Applications*. The objective of RIDE-WS-ECEG'2004 is to bring together researchers, e-commerce leaders, e-government leaders, and users to exchange the results and ideas on the issues related to Web services and the support they provide for E-Commerce and E-Government Applications.

PAPER SUBMISSION

Electronic submission will be used. The PDF version file of an extended abstract should be submitted via RIDE'04 home page. All accepted papers will appear in the Proceedings published by the *IEEE Computer Society*. A select number of authors will be requested to submit a revised version for submission to a Special Issue of the *Distributed and Parallel Databases, International Journal*.

IMPORTANT DATES

- **Submission of abstracts:**
September 5, 2003
- **Submission of papers:**
September 12, 2003
- **Notification of acceptance:**
November 24, 2003

GENERAL CO-CHAIRS

- William McIver,
University of Albany, USA
- Larry Brandt,
National Science Foundation, USA

PROGRAM CO-CHAIRS

- Athman Bouguettaya,
Virginia Tech, USA
- Boualem Benatallah,
University of New South Wales,
Sydney, Australia

PANEL CO-CHAIRS

- Valerie Gregg,
National Science Foundation, USA
- Sam Redwine,
James Madison University, USA

PUBLICITY CHAIR

- Alex Delis,
Polytechnic University, USA

LOCAL ARRANGEMENT CHAIR

- George Kollios,
Boston University, USA

REGISTRATION CHAIR

- Denis Gracanin,
Virginia Tech, USA

With the advent of the Web, the globalization of world economies, and the high expectation generated to what users and citizens should expect in terms of service quality, any information is expected to be readily accessible from the Web. Web services go beyond data retrieval techniques to provide a mechanism for users to create, store, discover and establish connections with services. In that regard, Web services are XML-based entities that can be accessed and discovered through some programmatic means.

The effective use of standardized XML-based Web services will become central to providing critical services in both e-commerce and e-government applications. The emerging Semantic Web and the work on the supporting ontological approaches such as RDF and DAML+OIL, will provide the supporting fertile environment for deploying and using Web services. It is expected that Web services will accelerate the deployment of e-commerce and e-government applications in a rate never seen before because of the converging standardization efforts. Key to achieving this goal is building an integrated Web service infrastructure that will provide efficiencies to e-commerce and e-government applications.

TOPICS OF INTEREST

RIDE-WS-ECEG'2004 invites research submissions on all topics related to Web services, including but not limited to those listed below:

1. Data and service integration
2. Description, organization, and discovery of Web services
3. Ontologies and semantic issues
4. Security and Privacy
5. Workflow support for Web services
6. Peer-to-peer collaboration of services
7. XML and Web services
8. Web service optimization
9. Monitoring and management of services
10. Content distribution and caching
11. User-friendly interfaces
12. Multimedia support Web services
13. Personalization of services
14. Reasoning about service properties
15. Languages, tools and methodologies for semantic annotations of Web data
16. Ontologies management
17. Semantic Brokering and Interoperability