

# International Workshop on Web Services: Modeling, Architecture and Infrastructure

**13-14, April 2004**

**Porto - Portugal**

## **First Announcement and Call for Papers**

In conjunction with the Sixth International Conference on Enterprise Information Systems - ICEIS 2004 (<http://www.iceis.org/>)

### **PDF Version**

#### **Chairs:**

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#### **Workshop Background and Goals**

"A Web service is a software application identified by a URI, whose interfaces and bindings are capable of being defined, described, and discovered as XML artifacts. A Web service supports direct interactions with other software agents using XML based messages exchanged via internet-based protocols" [[W3C](#)].

Technologies such as eXtensible Markup Language (XML), Simple Object Access Protocol (SOAP), Web Services Description Language (WSDL) and Universal Description, Discovery and Integration (UDDI) support Web Services. XML is utilized to normalize the exchange of business

data among trading partners by providing an excellent means for encoding and formatting. SOAP defines a simple way to package information and send it across system boundaries. WSDL is an XML language for describing Web Services, enabling one to separate the description of the abstract functionality offered by a service from concrete details of a service description. UDDI enables businesses to quickly, easily, and dynamically find and transact with one another. Major industries such as IBM, Microsoft, BEA, Sun, Oracle etc use these standards. Development of real-life applications relies heavily on the system model and architectures through which this set of technologies are efficiently implemented. The goal of this workshop is to bring together researchers, engineers and practitioners interested in Web Services to discuss how to develop real-life applications on the Web.

This workshop covers the areas of modeling, architectures and infrastructures for Web Services.

**Topics of interest include, but are not limited to**

- Web Services Modeling
- The Model Driven Architecture (MDA) and Web Services
- Web Services and Semantic Description
- Ontologies for Web Services
- Web Services Architecture
- Frameworks for Building Web Service Applications
- Composite Web Service Creation and Enabling Infrastructures
- Web Service Discovery
- Solution and Resource Management for Web Services
- Dynamic Invocation Mechanisms for Web Services
- Quality of Service for Web Services
- SOAP and UDDI Enhancements
- Case Studies for Web Services
- E-Commerce Applications Using Web Services
- Workflow and Web Services
- Transaction and Web Services

- Web Services Interoperability

## Format of the Workshop

The workshop will consist of oral presentations. The proceedings of the workshop will be published in the form of a book by ICEIS.

## Submission of Papers

Perspective authors are invited to submit papers in any of the areas listed above. All papers must be written in English, and the length of the paper should not exceed 4000 words or 8 pages. Instructions for preparing the manuscript (in Word or Latex) are available at the [ICEIS web site](#). Postscript/RTF versions of the manuscript should be submitted thru [ICEIS web-based paper submission procedure](#).

## Important Dates

Full Paper Submission: **15th October 2003**

Author Notification: **15th December 2003**

Workshops Submission: **15th December 2003**

Final Camera-Ready Submission and Registration: **15th January 2004**

## Workshop Program Committee:

**Albert Y. Zomaya**, CISCO, USYD (Australia)

**Alex Delis**, Polytec University (USA)

**Boualem Benatallah**, University of New South Wales (Australia)

**Jean-Jacques Moreau**, Canon (France)

**Jen-Yao Chung**, IBM (USA)

**Jorge Cardoso**, University of Georgia (USA)

**Steve Vinoski**, IONA (USA)

**Sumi Helal**, University of Florida (USA)

**Yetongnon Kokou**, Université de Bourgogne (France)

**Jin Song DONG**, NUS (Singapore)

**José Miguel Baptista Nunes**, Sheffield (UK)

## Conference Location

The workshop will be held at the **Universidade Portucalense, Porto – Portugal, 13-14, April 2004**.

## Registration Information

To attend the workshop you need to register at <http://www.iceis.org/>

## Secretariat

ICEIS-2003 Secretariat - The Second International Workshop on Web Services: Modeling, Architecture and Infrastructure

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