

## 10th International IEEE EDOC Conference

“The Enterprise Computing Conference”

16-20 October 2006, Hong Kong

[www.edocconference.org](http://www.edocconference.org) , [www4.comp.polyu.edu.hk/~edoc06/](http://www4.comp.polyu.edu.hk/~edoc06/)

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### **Extended Deadline (3 July 2006) Call for Papers for the 2006 Middleware for Web Services Workshop (MWS 2006, <http://www.cse.unsw.edu.au/~mws2006>)**

Sponsored by the National Information and Communications Technology Australia (NICTA, <http://nicta.com.au>)

**October 16, 2006 at the EDOC 2006 Conference in Hong Kong**



#### **ABOUT THE WORKSHOP, ITS SCOPE, AND TOPICS**

In the past few years, Web services have become very popular in the research community as well as industry. Web services are distributed computing application components with services-oriented architecture. They use Extensible Markup Language (XML) interface description languages, such as the standardized Web Services Description Language (WSDL), and uniform communication protocols, such as the standardized SOAP protocol (previously known as the Simple Object Access Protocol). Typical application areas of Web services are business-to-business (B2B) integration, enterprise application integration (EAI), e-business process integration and management services. Implementation-independence of Web services technologies provides that Web services distributed over the Internet, run on different platforms, implemented in different programming languages, and provided by different businesses can collaborate in achieving common business goals. In particular, Web services technologies are supported by all major computing companies, e.g., IBM, Microsoft, Sun, HP, Oracle, etc.

Middleware plays an important role for Web services technologies. For example, implementation independence of Web services is achieved using middleware, such as application servers and/or SOAP engines. In addition, different middleware solutions are used to provide, monitor, and manage quality of service aspects, such as performance, security, and reliability. The goal of this workshop is to bring together industrial, academic, and government researchers and developers interested in Web services and/or middleware technologies. Through paper presentations and discussions, this workshop will contribute to the exchange of knowledge and ideas, dissemination of results about completed and on-going research projects, as well as identification and analysis of remaining open research issues.

Middleware is traditionally one of the main topics at EDOC conferences, while Web services are quickly becoming a key technology within enterprise computing and one of the central topics of EDOC conferences. Therefore, we have organized the **2005 Middleware for Web Services (MWS 2005, <http://www.cse.unsw.edu.au/~mws2006/previous/>) workshop at EDOC 2005**. The workshop was successful, as it gathered academic, industrial, and government researchers and developers whose interests crosscut middleware and Web services and contributed to a useful exchange of ideas, a better understanding of wider research issues, and clearer identification of important open research issues and possible approaches for their solution. To further these achievements of MWS 2005 and to facilitate scientific growth of this important area, we now organize the **2006 Middleware for Web Services (MWS 2006) workshop at EDOC 2006**.

**TOPICS OF INTEREST** (in alphabetic order) include, but are not limited to:

- Application servers for Web services
- Aspect-oriented Web services middleware
- Autonomic computing solutions using Web services
- Best practices and patterns for Web services middleware
- Comparative analysis of middleware issues for Web services and other technologies (e.g., CORBA)
- Industrial experiences with Web services middleware
- Middleware for Grid services and utility computing
- Middleware for discovery/selection of Web services
- Middleware for choreography/orchestration of Web services
- Middleware for Web-services based Semantic Web
- Middleware for Web services-based workflows
- Middleware for Web services executing in mobile, embedded, and ubiquitous/pervasive environments
- Monitoring/management middleware for Web services
- Negotiation middleware for Web services
- Policy-based middleware for Web service
- Quality of service middleware for Web services
- Query middleware for Web services
- Reputation/trust middleware for Web services
- Reliability and fault-tolerance middleware for Web services
- Security and privacy middleware for Web services
- SOAP (Simple Object Access Protocol) engines
- Web services as a middleware technology

## SUBMISSION GUIDELINES

Authors are invited to submit previously unpublished, high-quality papers before ~~June 16, 2006~~ **3 July 2006**. The submissions should be e-mailed to **mws2006 (at server: cse.unsw.edu.au)**. Two types of submissions are solicited:

- **Full papers** describing mature research or industrial case studies – up to 8 pages long
- **Short papers** describing work in progress or position statements – up to 4 pages long

Papers published or submitted elsewhere will be automatically rejected. Submissions should be in the **IEEE Computer Society conference paper format**. Guidelines and templates for this format are available at the IEEE Computer Society Web site: [http://www.computer.org/portal/site/cscps/menuitem.02df7cde46985ea21618fc2e6bcd45f3/index.jsp?&pName=cscps\\_level1&path=cscps/cps&file=cps\\_forms.xml&xsl=generic.xsl&](http://www.computer.org/portal/site/cscps/menuitem.02df7cde46985ea21618fc2e6bcd45f3/index.jsp?&pName=cscps_level1&path=cscps/cps&file=cps_forms.xml&xsl=generic.xsl&). The **IEEE format used for EDOC 2006 conference papers** (see <http://www4.comp.polyu.edu.hk/~edoc06/call.html>) will also be accepted in the review process. All submissions should include the author's name, affiliation and contact details. The preferred format is Adobe Portable Document Format (PDF), but Postscript (PS) and Microsoft Word (DOC) formats can be accepted in exceptional cases. Inquiries about paper submission should be e-mailed to Vladimir Tosic (vladat at server: computer.org).

All submissions will be formally peer-reviewed by at least 3 Program Committee members. The authors will be notified of acceptance by **July 28, 2006**. At least one author of every accepted paper **MUST** register for the Workshop and present the paper. Workshop proceedings will be published on the conference CD-ROM and all accepted papers will appear in the IEEE Digital Library. The best paper(s) will be awarded by NICTA. Negotiations are under way to invite extended versions of selected outstanding papers from the Workshop for submission to a special issue of an international journal.

## WORKSHOP CHAIRS

- **Dr. Aad van Moorsel**, School of Computing Science, The University of Newcastle upon Tyne, Newcastle upon Tyne, England, United Kingdom, e-mail: aad.vanmoorsel (server: ncl.ac.uk)
- **Dr. Raymond Wong**, School of Computer Science & Engineering, The University of New South Wales, NICTA, and Green Pea Software, Sydney, New South Wales, Australia, e-mail: wong (server: cse.unsw.edu.au) or raymond (server: greenpea.net)
- **Dr. Vladimir Tosic**, Department of Computer Science, The University of Western Ontario, London, Ontario, Canada, and School of Computer Science & Engineering, The University of New South Wales, Sydney, New South Wales, Australia, e-mail: vladat (server: computer.org)

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## IMPORTANT DATES

Workshop papers due: ~~16 June 2006~~ **Extended to: 3 July 2006**

Author notification: **28 July 2006**

Workshop date: **16 October 2006**

**Further information about the Workshop can be found at:**

<http://www.cse.unsw.edu.au/~mws2006>