

**The 9th International IEEE Enterprise  
Distributed Object Computing Conference**  
19-23 September 2005, Enschede, The Netherlands  
<http://www.edocconference.org>



Sponsored by IEEE Computer Society, IEEE Communications Society,  
the University of Twente / Center for Telematics and Information Technology, Telematics Institute

**Call for Participation at the  
2005 Middleware for Web Services Workshop  
(MWS 2005, <http://elab.njit.edu/edoc.html>)**  
Sponsored by the National Information and Communications Technology  
Australia (NICTA, <http://nicta.com.au>)  
September 19, 2005 at the EDOC 2005 Conference

**PRELIMINARY WORKSHOP PROGRAM**

9:00 Welcome (Aad van Moorsel)

9:05 Session 1 "Management Middleware for Web Services" (Chair: to be confirmed)

Keynote "Capacity-Aware Middleware for Web Services" by Heiko Ludwig (IBM Research, USA) – Abstract available at: <http://elab.njit.edu/MWS2005-2-Keynote-Ludwig.pdf>

"AdaptiveBPEL: A Policy-Driven Middleware for Flexible Web Services Composition" by A. Erradi and P. Maheshwari

10:30 Coffee Break

10:45 Session 2 "Middleware for Web Services Based Business Collaboration" (Chair: to be confirmed)

"Modeling and Managing Service Oriented Business Collaboration", by B. Orriens and J. Yang

"Decentralised Coordination of Web Services for B2B Integration", by S. Woodman, D. Palmer, S. Shrivastava, and S. Wheeler

"Automatic Negotiated Integration of Services in Pervasive Environments", by N. Ibrahim, F. Le Mouel, and S. Frenot

12:15 Lunch

13:15 Session 3 "Middleware for Web Services – Applications and Implementations" (Chair: to be confirmed)

"Enterprise Business, Computing, and Information Services in a Multi-Agency Environment: A case Study in Enterprise Architect-Engineering", by K. C. Hoffman, T. J. Pawlowski II, D. L. Payne, and K. Zheng

"Open Web Services-Based Middleware for Brokering of Composed eHomeCare Services", by S. Van Hoecke, K. Vlaeminck, F. De Turck, and B. Dhoedt

"WSODL – An Object-Oriented Specification for RPC-Based Web Services", by E. J. Villoldo and J. Serrat-Fernandez

"Template-Driven Performance Modeling of Enterprise Java Beans", by J. Xu and M. Woodside

15:15 Coffee Break

15:30 Panel "Quality of Service (QoS) Middleware for Web Services: Achieved Results and Challenges for the Future" – Abstract available at: <http://elab.njit.edu/MWS2005-O11-Panel.pdf>

Moderator: Aad van Moorsel (U. of Newcastle upon Tyne, UK)

Panelists: Patrick C.K. Hung (UOIT, Canada)

Heiko Ludwig (IBM Research, USA)

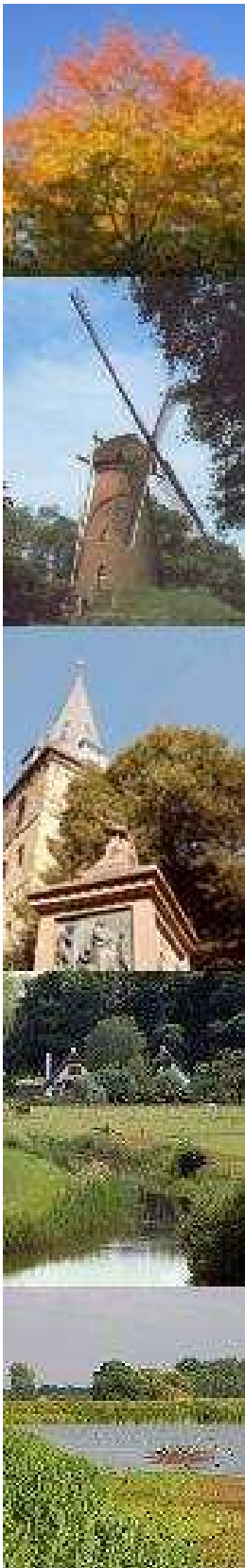
Pierluigi Plebani (Politecnico di Milano, Italy), and

Stephen A. Uczekaj (Boeing, USA)

17:00 Closing remarks (Aad van Moorsel)

**Note:** A short summary of all accepted papers is available at:

<http://elab.njit.edu/MWS2005-1-Introduction.pdf>.



## ABOUT THE WORKSHOP

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, including IBM, Microsoft, Sun, HP, and Oracle.

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 (QoS) aspects, such as performance, security, and reliability. The goal of this one-day (September 19, 2005) 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 and possible approaches towards their solution.

## WORKSHOP CHAIRS

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## WORKSHOP PROGRAM COMMITTEE

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## WORKSHOP SPONSORS

The MWS 2005 workshop is sponsored by the National Information and Communications Technology Australia (NICTA, <http://www.nicta.com.au/>) and the EDOC 2005 conference (<http://www.edocconference.org>).



Further information about the MWS 2005 workshop at EDOC 2005 can be found at: <http://elab.njit.edu/edoc.html>