

Proceedings of Middleware for Web Services (MWS) 2005

Edited by: Vladimir Tasic, Aad van Moorsel, Raymond Wong

Middleware for Web Services (MWS) 2005 workshop
held at EDOC 2005 conference,
on September 19, 2005
in Enschede, The Netherlands

Sponsor of the MWS 2005 workshop:
National Information and Communications
Technology Australia (NICTA)

© IEEE, 2005

Middleware for Web Services (MWS) 2005 Workshop Chairs

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

Raymond Wong (U. of New South Wales and Green Pea Software, Australia)

Vladimir Tasic (U. of Western Ontario and Lakehead U., Canada)

Middleware for Web Services (MWS) 2005 Workshop Program Committee

Sergio Andreatti (U. of Bologna and INFN, Italy)

Boualem Benatallah (U. of New South Wales, Australia)

Djamal Benslimane (U. of Lyon 1, France)

Christoph Bussler (National U. of Ireland, Ireland)

Coral Calero Munoz (U. Castilla-La Mancha, Spain)

Barbara Carminati (U. dell'Insubria - Como, Italy)

Fabio Casati (HP Labs, USA)

Shing-Chi (S.C.) Cheung (HKUST, Hong Kong)

Dickson K.W. Chiu (Dickson Computer Systems, Hong Kong)

Maria Agustina Cibran (Vrije U. Brussel, Belgium)

Babak Esfandiari (Carleton U., Canada)

Elena Ferrari (U. dell'Insubria - Como, Italy)

Stephane Gagnon (NJIT, USA)

Ignacio Garcia (U. Castilla-La Mancha, Spain)

Dimitris Gouscos (U. of Peloponnese, Greece)

Patrick Hung (U. of Ontario Institute of Technology, Canada)

Hemant Jain (U. of Wisconsin - Milwaukee, USA)

Alexander Keller (IBM Research, USA)

Franky Lam (NICTA, Australia)

Haifei Li (Union U., USA)

Kwei-Jay Lin (U. of California - Irvine, USA)

Marin Litoiu (IBM CAS, Canada)

Jiming Liu (HKBU, Hong Kong)

Heiko Ludwig (IBM Research, USA)

Hanan Lutfiyya (U. of Western Ontario, Canada)

Zakaria Maamar (Zayed U., UAE)

Qusay H. Mahmoud (U. of Guelph, Canada)

Jean-Philippe Martin-Flatin (UQAM, Canada)

Vojislav B. Misic (U. of Manitoba, Canada)

Mourad Ouzzani (Purdue U., USA)

Helen Paik (Queensland U. of Technology, Australia)

Savas Parastatidis (U. of Newcastle upon Tyne, UK)

Pierluigi Plebani (Politecnico di Milano, Italy)

Aiko Pras (U. of Twente, The Netherlands)

Dick A.C. Quartel (U. of Twente, The Netherlands)

Claudia Raibulet (U. of Milano-Bicocca, Italy)

Omer F. Rana (Cardiff U., UK)

Pradeep Ray (U. of New South Wales, Australia)

Akhil Sahai (HP Labs, USA)

Zoran Stojanovic (Tjip BV, The Netherlands)

Garret Swart (IBM Research, USA)

Yazhe Tang (U. of Western Ontario, Canada)

Kerry Taylor (CSIRO, Australia)

Kunal Verma (U. of Georgia, USA)

Jian Yang (Macquarie U., Australia)

George Yee (National Research Council, Canada)

Li Ying (IBM Research, China)

TABLE OF CONTENTS

<i>Introduction to the Proceedings of the EDOC 2005 Workshop Middleware for Web Services (MWS) 2005, by V. Tasic, A. van Moorsel, and R. Wong</i>	1
<i>Capacity-Aware Middleware for Web Services, keynote by Heiko Ludwig</i>	3
<i>AdaptiveBPEL: A Policy-Driven Middleware for Flexible Web Services Composition, by A. Erradi and P. Maheshwari</i>	5
<i>Modeling and Managing Service Oriented Business Collaboration, by B. Orriens and J. Yang</i>	13
<i>Decentralised Coordination of Web Services for B2B Integration, by S. Woodman, D. Palmer, S. Shrivastava, and S. Wheeler</i>	24
<i>Automatic Negotiated Integration of Services in Pervasive Environments, by N. Ibrahim, F. Le Mouel, and S. Frenot</i>	32
<i>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</i>	39
<i>Open Web Services-Based Middleware for Brokering of Composed eHomeCare Services, by S. Van Hoecke, K. Vlaeminck, F. De Turck, and B. Dhoedt</i>	46
<i>WSODL – An Object-Oriented Specification for RPC-Based Web Services, by E. J. Villoldo and J. Serrat-Fernandez</i>	53
<i>Template-Driven Performance Modeling of Enterprise Java Beans, by J. Xu and M. Woodside</i>	57
<i>Quality of Service (QoS) Middleware for Web Services: Achieved Results and Challenges for the Future, panel with A. van Moorsel, P. C. K. Hung, H. Ludwig, P. Plebani, and S. A. Uczekaj</i>	65