

**SECOND INTERNATIONAL WORKSHOP ON SERVICES ENGINEERING  
(SEIW 2007)**

in conjunction with

The 23rd International Conference on Data Engineering (ICDE 2007)

April 16, 2007, Istanbul, Turkey

Workshop URL: <http://www.hrl.uoit.ca/~seiw2007/>

Theme: XML Data Services

8:45-9:00AM	Opening
	<b>Session 1: Web Services</b>
9:00-9:30AM	<b>Using UML-based Rules for Web Services Modeling</b> <i>Sergey Lukichev<sup>1</sup>, Adrian Giurca<sup>1</sup>, Gerd Wagner<sup>1</sup>, Dragan Gasevic<sup>2</sup> and Marko Ribaric<sup>3</sup></i> <sup>1</sup> <i>Institute of Informatics, Brandenburg Technical University at Cottbus, Germany</i> <sup>2</sup> <i>School of Interactive Arts and Technology, Simon Fraser University Surrey, Canada</i> <sup>3</sup> <i>School of Electrical Engineering, University of Belgrade, Serbia</i>
9:30-10:00AM	<b>A UML Profile for Core Components and their Transformation to XSD</b> <i>Christian Huemer<sup>1</sup> and Philipp Liegl<sup>2</sup></i> <sup>1</sup> <i>Institute of Software Technology, Vienna University of Technology</i> <sup>2</sup> <i>Research Studios Austria, Austrian Research Centers GmbH - ARC</i>
10:00-10:30AM	<b>The Rigorous Implementation of a Fair Exchange Protocol for Non-repudiable Web Service Interactions — a case study</b> <i>Nick Cook<sup>1</sup>, Paul Robinson<sup>2</sup> and Santosh Shrivastava<sup>1</sup></i> <sup>1</sup> <i>School of Computing Science, Newcastle University, NE1 7RU, UK</i> <sup>2</sup> <i>Arjuna Technologies, Newcastle upon Tyne, NE1 7RU, UK</i>
10:30-11:00AM	Coffee Break
	<b>Session 2: Business Process and Workflow</b>
11:00-11:30AM	<b>Towards Declarative Monitoring of Declarative Service Compositions</b> <i>Kerry Taylor<sup>1</sup>, Paul Brebner<sup>1</sup>, Michael Kearney<sup>1</sup>, Dana Zhang<sup>2</sup>, Kelly Lam<sup>3</sup> and Vladimir Tasic<sup>4</sup></i> <sup>1</sup> <i>CSIRO ICT Centre, Canberra, Australia</i> <sup>2</sup> <i>Department of Computer Science &amp; Software Engineering, The University of Melbourne Melbourne, Australia</i> <sup>3</sup> <i>The University of Sydney, Sydney, Australia</i> <sup>4</sup> <i>National ICT Australia Limited (NICTA) and Department of Computer Science, The University of Western Ontario, London, Canada</i>
11:30-12:00NN	<b>Efficient Deployment of Web Service Workflows</b> <i>Konstantinos Stamkopoulos, Evaggelia Pitoura and Panos Vassiliadis</i> <i>Dept. of Computer Science, University of Ioannina, Ioannina, Hellas</i>
12:00-12:30PM	<b>A QoS-based Service Composition for Content Adaptation</b> <i>Khalil El-Khatib<sup>1</sup>, Gregor v. Bochmann<sup>2</sup> and Abdulmotaleb El-Saddik<sup>2</sup></i> <sup>1</sup> <i>University of Ontario Institute of Technology, Ontario, Canada</i> <sup>2</sup> <i>School of Information Technology &amp; Engineering, University of Ottawa</i>
12:30-2:00PM	Lunch
	<b>Session 3: Semantic Web</b>
2:00-2:30PM	<b>OS_RANK: Structure Analysis for Ontology Ranking</b> <i>Wei Yu<sup>1</sup>, Qing Li<sup>2</sup>, Junpeng Chen<sup>3</sup> and Jiaheng Cao<sup>1</sup></i> <sup>1</sup> <i>Computer School, Wuhan University, P.R.China</i> <sup>2</sup> <i>Department of Computer Science, City University of Hong Kong, Hong Kong</i> <sup>3</sup> <i>Wuhan Research Institute of Posts &amp; Telecommunications, P.R.China</i>
2:30-3:00PM	<b>Semantic Service Bus: Architecture and Implementation of a Next Generation Middleware</b> <i>Dimka Karastoyanova, Tammo van Lessen, Joerg Nitzsche, Branimir Wetzstein, Daniel</i>

	<p><i>Wutke and Frank Leymann</i>  <i>Institute of Architecture of Application Systems, University of Stuttgart</i></p>
3:00-3:30PM	<p><b>A Holistic Architecture for Collaborative and Highly Automatized e-Business Platforms</b>  <i>Christoph Schroth<sup>1, 2</sup>, Till Janner<sup>1, 2</sup>, Peter Mayer<sup>3</sup> and Alexander Stage<sup>3</sup></i>  <sup>1</sup><i>SAP Research CEC, Blumenbergplatz 9, 9000 St.Gallen, Switzerland</i>  <sup>2</sup><i>Institute for Media and Communications Management, University of St. Gallen, Switzerland</i>  <sup>3</sup><i>SAP Research CEC, Vincenz-Priessnitz-Str. 1, 76131 Karlsruhe, Germany</i></p>
3:30-4:00PM	Coffee Break
	<b>Session 4: XML Technologies</b>
4:00-4:30PM	<p><b>Atomicity for P2P based XML Repositories</b>  <i>Debmalya Biswas and Il-Gon Kim</i>  <i>IRISA-INRIA, Campus Universitaire de Beaulieu, Rennes, 35042 France</i></p>
4:30-5:00PM	<p><b>Privacy Access Control Model with Location Constraints for XML Services</b>  <i>Yi Zheng<sup>1</sup>, Yongming Chen<sup>2</sup> and Patrick C. K. Hung<sup>2</sup></i>  <sup>1</sup><i>Department of Computer Science, Technical University of Munich, Germany</i>  <sup>2</sup><i>Faculty of Business and IT, University of Ontario Institute of Technology, Canada</i></p>
5:00-5:30PM	<p><b>Service Description and Analysis From a Type Theoretic Approach</b>  <i>Ken Q. Pu</i>  <i>University of Ontario Institute of Technology, Oshawa, Ontario, Canada</i></p>
5:30-5:45PM	Closing