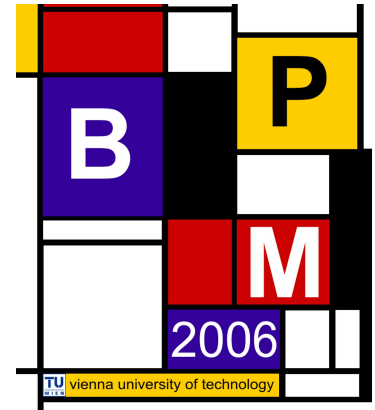


BPM 2006

Vienna, Austria

5.-7. September



The 4th International Conference on Business Process Management



PROGRAM GUIDE

Tuesday, September 5, 2006

- 8:00 Conference Registration opens
- 9:00 – 9:30 Opening Session (Room: EI 9)
Chair: Schahram Dustdar, General Chair
Welcome
Gerald Steinhardt, Dean of the Faculty of Computer Science, Vienna University of Technology
Program Overview
Schahram Dustdar, Program Co-Chair
Organizational Notes
Florian Rosenberg, Local Organization Chair
- 9:30 – 10:30 **Keynote: Dave Green (Room: EI 9)**
Title: *BizTalk Server, Windows Workflow Foundation, and BPM*
Chair: TBD
- 10:30 – 11:00 Coffee Break
- 11:00 – 12:30 **Session 1: Monitoring and Mining (Room: EI 9)**
Chair: Wil van der Aalst
Analyzing Interacting BPEL Processes
Niels Lohmann, Peter Massuthe, Christian Stahl and Daniela Weinberg
Tracking over Collaborative Business Processes
Xiaohui Zhao and Chengfei Liu
Beyond Workflow Mining
Clarence Ellis, Aubrey Rembert, Kwang-Hoon Kim and Jacques Wainer
- 12:30 – 14:00 Lunch Break
- 14:00 – 16:00 **Session 2: Service Composition (Room: EI 9)**
Chair: Mathias Weske
Adapt or Perish: Algebra and Visual Notation for Service Interface Adaptation
Marlon Dumas, Murray Spork and Kenneth Wang
Automated Service Composition using Heuristic Search
Harald Meyer and Mathias Weske
Structured Service Composition
Rik Eshuis, Paul Grefen and Sven Till
Isolating Process-Level Concerns using Patus
Mathieu Braem, Kris Verlaenen, Niels Joncheere, Wim Vanderperren, Ragnhild Van Der Straeten, Eddy Truyen, Wouter Joosen and Viviane Jonckers
- 16:00 – 16:30 Coffee Break
- 16:30 – 18:30 **Session 3: Process Models and Languages (Room: EI 9)**
Chair: Manfred Reichert
Process Equivalence: Comparing Two Process Models Based on Observed Behavior
Wil van der Aalst, Ana Karla Alves de Medeiros and A.J.M.M. (Ton) Weijters
Investigations on Soundness Regarding Lazy Activities
Frank Puhmann and Mathias Weske
On the Suitability of BPMN for Business Process Modelling
Petia Wohed, Wil van der Aalst, Marlon Dumas, Arthur ter Hofstede and Nick Russell
Workflow Model Compositions Preserving Relaxed Soundness
Armin Zimmermann and Juliane Siegeris

Wednesday, September 6, 2006

- 8:00 *Conference Registration opens*
- 9:00 – 10:00 **Keynote: Don Ferguson (Room: EI 9)**
Title: *Enterprise Business Process Management – Architecture, Technology and Standards*
Chair: Frank Leymann
- 10:00 – 10:30 *Coffee Break*
- 10:30 – 12:15 **Parallel Session 4: Short Papers (Room: EI 9)**
Chair: Jörg Desel
Verifying Workflows with Cancellation Regions and OR-joins: An Approach Based on Reset Nets and Reachability Analysis
Moe Wynn, Wil van der Aalst, Arthur ter Hofstede and David Edmond
Towards a methodology for deriving contract-compliant business processes
Zoran Milosevic, Shazia Sadiq and Maria Orlowska
An AsmL executable model for WS-BPEL with orthogonal transactional behaviour
Luciano Garcia-Banuelos
Optimizing Exception Handling in Workflows using Process Restructuring
Mati Golani and Avigdor Gal
Formalizing Service Interactions
Gero Decker, Frank Puhmann and Mathias Weske
- 10:30 – 12:15 **Parallel Session 5: Industry Session (Room: EI 10)**
Chair: TBD
A proposal for an Open Solution Business Process Integration and Management Implementation Framework
Fathi Al-Ghaiati
Experiences in enhancing existing BPM Tools with BPEL Import and Export
Jan Mendling, Kristian Bisgaard Lassen and Uwe Zdun
Introducing Case Management: Opening Workflow Management's Black Box
Kees Kaan, Hajo Reijers and Peter van der Molen
IT Support for Release Management Processes in the Automotive Industry
Dominic Müller, Joachim Herbst, Markus Hammori and Manfred Reichert
Diagnosing SCA Components using WOMBAT
Axel Martens and Simon Moser
- 12:15 – 13:30 *Lunch Break*
- 13:30 – 15:30 **Session 6: Dynamic Process Management (Room: EI 9)**
Chair: Hajo A. Reijers
Semantic Correctness In Adaptive Process Management Systems
Linh Thao Ly, Stefanie Rinderle and Peter Dadam
A framework for the development and execution of horizontal protocols in open BPM systems
Francisco Javier Fabra Caro, Pedro Álvarez, José Ángel Bañares and Joaquín Ezpeleta Mateo
History-based Joins: Semantics, Soundness and Implementation
Kees van Hee, Olivia Oanea, Alexander Serebrenik, Natalia Sidorova and Marc Voorhoeve
On Representing, Purging, and Utilizing Change Logs in Process Management Systems
Stefanie Rinderle, Manfred Reichert, Martin Jurisch and Ulrich Kreher
- 15:30 – 18:00 *Social Event: Visit of the Hofburg*
- 19:30 – 22:00 *Conference Dinner: Vienna City Hall*
including the presentation of the BPM 2007 in Brisbane, Australia by Marlon Dumas

Thursday, September 7, 2006

- 8:00 *Conference Registration opens*
- 9:00 – 10:00 **Keynote: Edwin Khodabakchian (Room: EI 9)**
Title: TBD
Chair: TBD
- 10:00 – 10:30 *Coffee Break*
- 10:30 – 12:00 **Parallel Session 7: Service Composition (Room: EI 9)**
Chair: Zongwei Lou
Towards Formal Verification of Web Service Composition
Mohsen Rouached, Olivier Perrin and Claude Godart
E-Service/Process Composition through Multi-Agent Constraint Management
Minhong Wang, William K. Cheung, Jiming Liu, Xiaofeng Xie and Zongwei Luo
Web Service E-contract Establishment Using Features
Marcelo Fantinato, Itana Maria de Souza Gimenes and Maria Beatriz Felgar de Toledo
- 10:30 – 12:00 **Parallel Session 8: Demos (Room: EI 10)**
Chair: Jan Mendling
ProcessGene Query – a Tool for Querying the Content Layer of Business Process Models
Avi Wasser, Maya Lincoln, Reuven Karni
A Tool Chain for Lazy Soundness
Frank Puhmann
Configurable Execution Environments for Medical Processes
S. Jablonski, M. Faerber, M. Götz, B. Volz, S. Müller, S. Dornstauder
Repository for Business Processes and Arbitrary Associated Metadata
Jussi Vanhatalo, Jana Koehler, and Frank Leymann
- 12:00 – 13:00 *Lunch Break*
- 13:00 – 14:00 **Parallel Session 9: Applied BPM (Room: EI 9)**
Chair: Dimka Karastoyanova
A Redesign Framework for Call Centers
Monique Jansen-Vullers, Mariska Netjes, Hajo Reijers and Mark Stegeman
Building Business Process Driven Web Applications
Victoria Torres and Vicente Pelechano
- 13:00 – 14:00 **Parallel Session 10: Demos (Room: EI 10)**
Chair: Jan Mendling
Maestro for Let's Dance: An Environment for Modeling Service Interactions
Gero Decker, Margarit Kirov, Johannes Maria Zaha, Marlon Dumas
Middleware Support for BPEL Workflows in the AO4BPEL Engine
Anis Charfi, Mira Mezini
- 14:00 – 15:00 **Session 11: Short Papers (Room: EI 9)**
Chair: Marlon Dumas
Decision Mining in Business Processes
Anne Rozinat and Wil van der Aalst
Managing Process Variants as an Information Resource
Ruopeng Lu and Shazia Sadiq
Verification of Business Process Integration Options
Georg Grossmann, Michael Schrefl and Markus Stumptner
- 15:00 – 15:30 *Coffee Break*

- 15:30 – 16:30 **Parallel Session 12: Short Paper Session (Room: EI 9)**
Chair: Maggie Wang
 Verifying BPEL Workflows under Authorisation Constraints
Xiangpeng Zhao, Antonio Cerone and Paddy Krishnan
 Selecting Necessary and Sufficient Checkpoints for Dynamic Verification of
 Fixed-time Constraints in Grid Workflow Systems
Jinjun Chen and Yun Yang
 A Quantitative Analysis of Faulty EPCs in the SAP Reference Model
*Jan Mendling, Michael Moser, Gustaf Neumann, H.M.W. Verbeek, B.F. van
 Dongen and Wil van der Aalst*
- 15:30 – 16:50 **Parallel Session 13: Short Paper Session (Room: EI 10)**
Chair: TBD
 A Hybrid Approach for Generating Compatible WS-BPEL Partner Processes
Simon Moser, Axel Martens, Marc Häbich and Jutta Müll
 Towards a Task-Oriented, Policy-Driven Business Requirements Specification for
 Web Services
Stephen Gorton and Stephan Reiff-Marganiec
 Parameterized BPEL Processes: Concepts and Implementation
*Dimka Karastoyanova, Frank Leymann, Jörg Nitzsche, Branimir Wetzstein and
 Daniel Wutke*
 Behavioral technique for workflow abstraction and matching
Kais Klai, Nomane Ould Ahmed M'bareck and Samir Tata
- 16:50 – 17:00 **Closing Notes (Room: EI 9)**