PAKM 2006

6th International Conference on Practical Aspects of Knowledge Management

PROGRAM



Workshops: Nov. 29th 2006
Conference: Nov. 30th - Dec. 1st, 2006

University of Vienna
Dr.-Karl-Lueger-Ring 1
1010 Vienna, Austria

Faculty of Computer Science
www.cs.univie.ac.at

The Conference

The PAKM Conference Series offers a communication forum and meeting ground for practitioners and researchers in developing and deploying advanced business solutions for the management of knowledge in organisations. PAKM is a forum for people to share their views, to exchange ideas, to develop new insights, and to envision completely new kinds of solutions to Knowledge Management problems.
The topics will cover all relevant aspects of Knowledge Management. We invite practitioners and researchers from all over the world to submit papers. We are looking forward to a conference that will address a wide spectrum of topics from a variety of perspectives.

Ulrich Reimer
Dimitris Karagiannis
Conference Co - chairs

The Workshops

Date: 29th Nov. 2006 Time: 13:00 - 19:00

Workshop I:
Semantic Based Knowledge Flow Systems for Industry
Sponsored by the AsIsKnown IST Project: http://www.asisknown.org/
Email: robert.woitsch@boc-eu.com

Workshop II:
Enterprise Software Application Interoperability
for Businesses and Governments
Sponsored by the GENESIS IST Project: http://www.genesis-ist.eu/
Email: yannisx@epu.ntua.gr

The Program Committee

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A Min	Tjoa	Austria
Klaus	Tochtermann	Austria
Robert	Trappl	Austria
Erich	Tsui	China
Roland	Wagner	Austria
Fritjof	Weber	Germany
Mary-Anne	Williams	Australia
Takahira	Yamaguchi	Japan

Wednesday, November 29th

Workshop I: **Semantic Based Knowledge Flow Systems for Industry**	
13:00 - 13:15	Welcome Dr. Woitsch, BOC
13:15 - 14:00	AsIsKnown Project Presentation Dr. Valtinat, RWTH Aachen University
Knowledge Models and Semantic Mechanisms	
14:00 - 14:30	Meta Model Pattern as an Approach to apply Ontologies *Dr. Fill, BOC*
14:30 - 15:00	Adaptive Processes using Business Rules and Ontologies *Prof. Dr. Hinkelmann, Fachhochschule Nordwest Schweiz*
15:00 - 15:30	Home Textile Ontology: The AsIsKnown Approach, *Prof. Simov, Academy of Science, Bulgarian*
15:30 - 16:00	Next Generation E-Learning Plattforms *Mrs. Rick, RWTH Aachen University*
16:00 - 16:30	Break
The Service Oriented Knowledge infrastructure	
16:30 - 17:00	Business in the Grid: Some Project Results *Prof. Schikuta, University of Vienna*
17:00 - 17:30	SOKU with next generation grids, *Mr. Wesner/Mr. Kipp, University of Stuttgart*
17:30 - 18:00	Context-aware Service-oriented Collaboration Infrastructures *Prof. Dr. Dustdar, University of Vienna*
18:00 - 18:30	Discussion Panel

Wednesday, November 29th

Workshop II: Enterprise Software Application Interoperability for Businesses and Governments	
13:00 - 13:30	Arrival of Participants
13:30 - 13:40	Introduction and Opening Dr. Yannis Charalabidis, Decision Support Systems Laboratory, National Technical University of Athens
13:40 - 14:00	Invited Talk: Enterprise Modelling to Assist Re-Organisation and Interoperability in e-Government Systems Dr. Harald Kühn, BOC Information Systems GmbH
Session 1: Interoperability Enhancements in the Modern Enterprise	
14:00 - 14:20	Interoperability Enhancement in Business to Government: Extending the Scope of UBL *T. Janner, F. Lampathaki, S. Mouzakitis, C. Schroth, U. Shepers*
14:20 - 14:40	Business Process Fusion based on Semantically-enabled Service-Oriented Business Applications - The FUSION project *K. Kalaboukas, S. Pantelopoulos*
14:40 - 15:00	A Hybrid Architecture for Enabling Electronic Transactions Among Enterprises and Governmental Bodies *C. Schroth, G. Gionis, Y. Charalabidis, T. Janner, S. Koussouris, D. Askounis*
15:00 - 15:20	Open Source Enterprise Resource Planning Systems: The Interoperability Aspect *R. Stevens, M. Forcolin, P. Paganelli*
15:20 - 16:00	Break

Wednesday, November 29th

Session 2: Aspects of Interoperability in Electronic Governance	
16:00 - 16:20	Building a Second Generation e-Government Interoperability Framework : Standards, Schemas and Specifications *Y. Charalabidis*
16:20 - 16:40	Capturing Legal Issues: A Methodological Framework to Serve All Needs *G. Gionis, Y. Charalabidis, D. Askounis*
16:40 - 17:00	Knowledge Representation in e-Government: An Ontology for Electronic Municipal Services *Y. Charalabidis, G.Nikolaidis, G. Gionis, D. Askounis*
17:00 - 18:00	**Discussion:** Issues and Current Research Priorities on eBusiness / eGovernment Interoperability Research

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Thursday, November 30th

08:15 - 09:00	Registration & Coffee	
09:00 - 09:15	Welcoming: Prof. Dr. Dimitris Karagiannis, Head of the Department of Knowledge and Business Engineering, University of Vienna	
	Opening address: Prof. Dr. Günter Haring, Dean of the Faculty of Computer Science, University of Vienna	
09:15 - 10:00	Invited Talk: Capturing Tacit Knowledge Robert Workman, INIS and Nuclear Knowledge Management Section, International Atomic Energy Agency, Vienna	
10:00 - 10:30	Coffee Break	
10:30 - 12:10	Track 01: KM and Business Processes 1	
12:10 - 13:15	Lunch Break	
13:15 - 14:55	Track 02: KM within the Organizational Context 1	
	Track 03: Intellectual Capital	
14:55 - 15:20	Coffee Break	
15:20 - 16:35	Track 04: KM within the Organizational Context 2	Track 05: Data and Text Mining
16:40 - 17:00	Discussion	
19:30 till late	Conference Dinner	

Friday, December 1st

09:00	Welcoming: Prof. Dr. Ulrich Reimer, University of Applied Sciences St. Gallen (Switzerland)	
09:00 - 09:45	Invited Talk: Organizational Modeling and Knowledge Management Prof. Dr. John Mylopoulos, University of Toronto (Canada)/ University of Trento (Italy)	
09:45 - 10:15	Coffee Break	
10:15 - 11:55	Track 06: KM and Business Processes 2	Track 07: Ontology-based Approaches 1
		Track 08: Usability
11:55 - 13:00	Lunch Break	
13:00 - 14:40	Track 09: Collaborative Work and Communities 1	
14:40 - 15:10	Coffee Break	
15:10 - 16:50	Track 10: Collaborative Work and Communities 2	
	Track 11: Ontology-based Approaches 2	
16:50 - 17:00	Closing Remarks	

Track 01

	KM and Business Processes 1 *Track Chair: Peter Höfferer*
10:30	Web Service Based Business Processes Automation Using Semantic Personal Information Management Systems – The Semantic Life Case *Amin Anjomshoaa, Tho Manh Nguyen, Ferial Shayeganfar and A Min Tjoa*
10:55	Activation of Knowledge in an Integrated Business Process Support / Knowledge Management System *Ilia Bider, Lena Johansson, Erik Perjons and Aliaksei Striy*
11:20	Knowledge Work Productivity: Where to start *Sebastian Eschenbach, Doris Riedl and Bettina Schauer*
11:45	Taba Workstation: Supporting Technical Solution Through Knowledge Management of Design Rationale *Sávio Figueiredo, Gleison Santos, Mariano Montoni, Ana Regina Rocha, Andréa Barreto, Ahilton Barreto and Analia Ferreira*

Location: Kleiner Festsaal

Track 02 + 03

KM within the Organizational Context 1

Track Chair: Prof. Dr. Ulrich Reimer

13:15	Innovation Management in a Multi-national Corporation's Subsidiary of Ireland's Evolving Knowledge Economy *Gabriel J. Costello, Brian Donnellan, Michael L. Ginn , Colm Rochford, Eoin Whelan and Susanna Xu*
13:40	Knowledge Management Systems and Organizational Change Management: The Case of Siemens ShareNet *Hauke Heier and Susanne Strahringer*

Intellectual Capital

14:05	A Meta-Model for Intellectual Capital Reporting *Martin Nemetz*
14:30	Developing a Model for Linking Knowledge Management Systems and Intellectual Capital Measurement *Mario Paulo Pinto, Maria Filomena Lopes and Maria Paula Morais*

Location: Kleiner Festsaal

Track 04

KM within the Organizational Context 2
Track Chair: Martin Nemetz

15:20	Assessment of Effective Utilization of KM Technologies as a Function of Organizational Culture *Heejun Park and Duke H. Jeong*
15:45	Structured Knowledge Transfer in Small and Medium Sized Enterprises *Tanja Peherstorfer and Bernhard Schmiedinger*
16:05	How to Transfer a Knowledge Management Approach to an Organization - A Set of Patterns and Anti-patterns *Anne Persson and Janis Stirna*

Location: Kleiner Festsaal

Track 05

Data and Text Mining
Track Chair: Dr. Faribors Ronaghi

15:20	From Design Errors to Design Opportunities Using A Machine Learning Approach *Sanghee Kim*
15:45	Text Mining Through Semi Automatic Semantic Annotation *Nadzeya Kiyavitskaya, Nicola Zeni, Luisa Mich, James R. Cordy and John Mylopoulos*
16:05	Mining and Supporting Task-Stage Knowledge: A Hierarchical Clustering Technique *Duen-Ren Liu, I-Chin Wu and Wei-Hsiao Chen*

Location: Elise - Richter - Saal

Track 06

KM and Business Processes 2

Track Chair: Prof. Dr. Knut Hinkelmann

10:15	Measuring Business Feedback Cycles as Enhancement of the Support Knowledge Engineering Process *Alexander Holland and Madjid Fathi*
10:50	Towards a Process Model for Identifying Knowledge-Related Structures in Product Data *Christian Lütke Entrup, Thomas Barth and Walter Schäfer*
11:25	Synergizing Standard and Ad-Hoc Processes *Andreas S. Rath, Mark Kröll, Keith Andrews, Stefanie Lindstaedt, Michael Granitzer and Klaus Tochtermann*

Location: Kleiner Festsaal

Track 07 + 08

Ontology-based Approaches 1

Track Chair: Peter Höfferer

10:15	Ontology-based Business Knowledge for Simulating Threats to Corporate Assets *Andreas Ekelhart, Stefan Fenz , Markus D. Klemen, A Min Tjoa and Edgar R. Weippl*
10:40	Extended Ontological Model for Distance Learning Purpose *Emma Kushtina, Przemyslaw Rózewski and Oleg Zaikin*
11:05	Common Knowledge Based Access to Disparate Semantic Spaces: The Ontology Switching Approach *Thomas Mandl and Christa Womser-Hacker*

Usability

11:35	Extraction and Analysis of Knowledge Worker Activities on Intranet *Peter Géczy, Noriaki Izumi, Shotaro Akaho and Koiti Hasida*

Location: Elise - Richter - Saal

Track 09

Collaborative Work and Communities 1

Track Chair: Dr. Faribors Ronaghi

13:00	Knowledge Sharing to Support Collaborative Engineering at PLM Environment *David A. Guerra-Zubiaga, Laurent Donato, Ricardo Ramirez and Manuel Contero*
13:25	DKOMP: A Peer-to-Peer Platform for Distributed Knowledge Management *Vikrant S. Kaulgud and Rahul Dolas*
13:50	A Peer-to-Peer Virtual Office for Organizational Knowledge Management *Enrico Le Coche, Carlo Mastroianni, Giuseppe Pirro, Massimo Ruffolo and Domenico Talia*
14:15	Increasing Search Quality with the Semantic Desktop in Proposal Development *Mark Siebert, Pierre Smits, Leo Sauermann and Andreas Dengel*

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Track 10 + 11

	Collaborative Work and Communities 2 *Track Chair: Martin Nemetz*
15:10	**Towards an Ontology for Knowledge Management in Communities of Practice** *Géraldine Vidou, Rose Dieng-Kuntz, Adil El Ghali, Christina Evangelou, Alain Giboin, Amira Tifous and Stéphane Jacquemart*
15:35	**Designing a Knowledge Management Approach for the CAMRA Community of Science** *Rosina O. Weber, Marcia L. Morelli, Michael E. Atwood and Jason M. Proctor*

	Ontology-based Approaches 2
16:00	**Managing Many Web Service Compositions by Task Decomposition and Service Quality Evaluation** *Yuya Takabayashi, Harutaka Niwa, Mitsuharu Taneda, Naoki Fukuta and Takahira Yamaguchi*
16:25	**Knowledge Management for a Large Service-Oriented Corporation** *Sylvia C. Wong, Richard M. Crowder, Nigel R. Shadbolt and Gary B. Wills*

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The conference proceeding will be published in the Springer Series:



The conference is sponsored by:



Location

University of Vienna
Dr.-Karl-Lueger-Ring 1
1010 Vienna, Austria

Contact

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