

## Jason J. Jung, Ph.D

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### CONTACT INFORMATION

Department of Computer Engineering  
Yeungnam University  
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### RESEARCH INTERESTS

Collective Intelligence,  
Knowledge Sharing on Semantic Web,  
Intelligent Agent Systems,  
Data Mining and Knowledge Discovery in Database,  
Knowledge Grid and Semantic Grid (Grid Computing),  
Ambient Intelligence

### ACADEMIC EXPERIENCE

**Yeungnam University, Korea**  
*Professor (Assistant Professor)*

**Sept. 2009 - Present**

**Yeungnam University, Korea**  
*Professor (Full-time Lecturer)*

**Sept. 2007 - Aug. 2009**

**Inha University, Korea**  
*Research Professor (funded by Brain Korea 21)*

**Sept. 2006 - Aug. 2007**

**INRIA Rhône-Alpes, France**  
*Postdoctoral researcher*  
Interoperability in a network of local lightweight ontologies  
(Supervisor: Dr. Jérôme Euzenat)

**Sept. 2005 - Sept. 2006**

**Fraunhofer FIRST, IDA Group, Berlin, Germany**  
*Visiting Scientist*  
Temporal Model Selection Based on Semi-supervised Learning  
(Supervisor: Prof. Dr. Klaus-Robert Müller)

**February - August 2004**

**Inha University, Korea**  
*Research Assistance*

**March 1999 - August 2005**

*Part-time lecturer*  
Computer Programming, Word-processing

**September 2004 - August 2005**

### EDUCATION

**Inha University, Korea**

Ph.D., Computer and Information Engineering, August 2005

- Dissertation: "Model selection based on semantic subspace theory with lightweight ontologies"
- Advisor: Prof. Geun-Sik Jo

**Inha University, Korea**

M.S., Computer and Information Engineering, February, 2002

- Thesis: "Collaborative web browsing system based on sharing bookmarks"
- Advisor: Prof. Geun-Sik Jo

## **Inha University, Korea**

B.A., Computer and Information Engineering, February, 1999

B.A., Mechanical Engineering, February, 1999

- Thesis: “A study of controlling two link flexible robot arm”
- Advisor: Prof. Seung-Bok Choi

## HONORS AND AWARDS

Marquis Who's Who 2009 in the World.

Marquis Who's Who 2007, 25th Silver Anniversary Edition.

Best Paper Award, The 1st KES International Symposium on Agent and Multi-Agent Systems - Technologies and Applications (KES-AMSTA 2007), Wroclaw, Poland, 2007.

Grants for Pre-doctoral student, Korean Research Foundation (KRF) (November 2004 - August 2005)

Best Paper Award, The First International Workshop on Modern Technologies for Web-based Adaptive Systems, Krakow, Poland, 2004

Korea-Germany Graduate Students Exchange Program, funded by KOSEF (Feb. 2004 - Aug. 2004)

Korean Research Foundation (KRF) Scholarship (Fall 2003)

Microsoft Research (MSR) Asia Scholarship (2003 - 2004)

Full Scholarship for Doctoral Course in Inha University

## PROFESSIONAL EXPERIENCE

### **Invited Talks**

Contextualized Recommendation Based on Reality Mining from Mobile Subscribers, INRIA Rhone-Alpes, Montbonnot, France, 27 August, 2009.

Disposal Chain Management by Green Computing, Chosun University, Gwangju, Korea, 30 July, 2009.

Korea-Sweden Joint Research Program, “Multilingual ontologies,” Stockholm University, Kista, Sweden, 28 Jan, 2009.

Towards Semantic Social Networks, Information and Communication University, Daejeon, Korea, 23 Jan, 2009.

Semantic Web: A New Possibility?, Wroclaw University of Technology, Wroclaw, Poland, 16 June, 2008.

Semantic Web Technology for Data Analysis, Korea Institute of Science and Technology Information (KISTI), Daejeon, Korea, 26 May, 2008.

Knowledge Distribution Based on Community of Practice Identification from Blogosphere, Universite du Quebec Montreal (UQAM), Montreal, Canada, 12 December, 2007.

Emerging Issues on Knowledge Sharing, Inha University, Incheon, Korea, 27 February, 2007.

Semantic Web: A New Possibility?, Supreme Court of Korea & LG CNS, Seoul, Korea, 29 March, 2007.

Building and Socializing Personal Ontologies on Web 2.0, Semantic Web 2.0 Conference, Seoul, Korea, 13 February, 2007.

Semantic Social Network on Blogosphere, Inha University, Korea, 23 September, 2006.

Semantic Web and Social Network, Wroclaw University of Technology, Poland, 28 June, 2006.

### **Editorship**

Editorial Board Member of LNCS Transactions on Computational Collective Intelligence (LNCS TCCI) Springer (2009 - Present)

Editorial Board Member of Journal of Emerging Technologies in Web Intelligence (JETWI), Academy Publishers (2009 - Present)

Associate Editor of International Journal of Applied Intelligent Systems, Serials Publications Publishers (2008 - Present)

Editorial board member of Advances in Applied Intelligence Technologies (AAIT) Book Series, IGI Global (2008 - Present)

Editorial board member of Korean Journal of Intelligent Information Systems, 2008 - Present.

Editorial Board Member, Journal of Universal Computer Science (2006 - Present)

Guest Editor, "Agent-Based Network Management," Journal of Network and Computer Applications, Elsevier, 2010.

Guest Editor, "Service Sciences," Journal of Universal Computer Science, Springer, August 2010.

Guest Editor, "Collective Intelligence for Multimedia Tools and Applications," Journal of Universal Computer Science, Springer, April 2010.

Guest Co-editor, "Virtual Agent and Organization Modeling: Theory and Applications," Information Sciences, Elsevier, 2009.

Guest Co-editor, "Information Retrieval Based on Multi-Agent Systems," New Generation Computing, Springer, 2008.

Guest Co-editor, "Collective Intelligence for Semantic and Knowledge Grid," Journal of Universal Computer Science, Springer, 2008.

Guest Co-editor, "Knowledge Dynamics in Semantic Web and Social Network," International Journal of Intelligent Information and Database Systems, InderScience publisher, 2007.

### **Organizer**

Invited Session on Engineering Knowledge and Semantic Systems (IWEKSS 2010) affiliated in IEA/AIE 2010

International Workshop on Intelligent Management and e-Business (IMeB 2010) affiliated in ACIIDS 2010

Invited Session on Engineering Knowledge and Semantic Systems (IWEKSS 2009) affiliated in IEA/AIE 2009

The Second International Workshop on Collective Intelligence on Semantic Web and Social Networks 2008 (CISWSN 2008) affiliated in WI/IAT 2008

International Workshop on Collective Intelligence on Semantic Web (CISW 2007) affiliated in WI/IAT 2007

Invited Session on Emerging Technologies on Knowledge Annotation and Sharing (ET-KAS 2007) affiliated in KES 2007

International Workshop on Collective Intelligence for Semantic and Knowledge Grid (CISKGrid 2007) affiliated in ICCS 2007

### **Scientific Committee**

Program Committee Member, The 14th International Conference on Knowledge-Based and Intelligent Information & Engineering Systems (KES 2010)

Program Committee Member, The 4th KES International Symposium on Agents and Multi-agent Systems - Technologies and Applications (KES-AMSTA 2010)

Program Co-Chair, The 2nd Asian Conference on Intelligent Information and Database Systems (ACIIDS 2010)

Program Committee Member, The 3rd International Workshop on Adaptive Systems in Heterogeneous Environments (ASHEs 2010)

Program Committee Member, The 4th Asian Semantic Web Conference (ASWC 2009)

Program Committee Chair, The 2009 International Conference on Machine Learning and Cybernetics (ICMLC 2009)

Publicity Chair, The 1st International Conference on Computational Collective Intelligence - Semantic Web, Social Networks, and Multiagent Systems (ICCCI 2009)

Program Committee Member, The 2nd KES International Symposium on Intelligent Interactive Multimedia Systems and Services 2009 (KES-IIMSS 2009)

Program Committee Member, The Third KES International Symposium on Agent and Multi-Agent Systems: Technologies and Applications 2009 (KES-AMSTA 2009)

Program Co-chair, The First Asian Conference on Intelligent Information and Database Systems 2009 (ACIIDS 2009)

Program Committee Member, The Second International Workshop on Collective Intelligence in Semantic Web and Social Networks (CISWSN 2008)

Program Committee Member, The Third Asian Semantic Web Conference (ASWC 2008)

Program Committee Member, The First IEEE International Conference on the Applications of Digital Information and Web Technologies (ICADIWT 2008)

Publication Chair, International Workshop on Semantic Computing and Applications 2008 (IWSCA 2008)

Program Committee Member, International Conference on Machine Learning and Cybernetics 2008 (ICMLC 2008)

Doctoral Track Chair, The Twenty First International Conference on Industrial Engineering & Other Applications of Applied Intelligent Systems (IEA/AIE 2008)

Program Committee Member, International Semantic Web Conference 2007 (ISWC 2007) + Asian

Semantic Web Conference 2007 (ASWC 2007)

Program Committee Member, International Workshop on Collective Intelligence on Semantic Web 2007 (CISW 2007) affiliated in WI/IAT 2007

Program Committee Member, SABRE Conference on Social Semantic Web 2007 (CSSW 2007)

Program Committee Member, Invited Session on Recommender Agents and Adaptive Web-based Systems (RAAWS07) affiliated in KES 2007

Program Committee Member, Invited Session on Emerging Technologies on Knowledge Annotation and Sharing (ET-KAS 2007) affiliated in KES 2007

Program Committee Member, The 11th International Conference on Knowledge-Based and Intelligent Information & Engineering Systems (KES 2007)

Program Committee Member, Special Issue on Web-based Recommendation Systems Technologies and Applications, New Generation Computing (Vol. 26, No. 2)

Program Committee Member, The 1st KES International Symposium on Agent and Multi-Agent Systems - Technologies and Applications (KES-AMSTA 2007)

Program Committee Member, International Workshop on Collective Intelligence for Semantic and Knowledge Grid (CISKGrid 2007) affiliated in ICCS 2007

Program Committee Member, The 2007 International Conference on Information Resources Management Association (IRMA 2007)

Program Committee Member, International Conference on Enterprise Information Systems and Web Technologies 2007 (EISWT-07)

Program Committee Member, The 5th WSEAS International Conference on Artificial Intelligence, Knowledge Engineering and Databases (AIKED'07)

Program Committee Member, The 6th WSEAS International Conference on Applied Computer Science (ACS'06)

Program Committee Member, The 5th WSEAS International Conference on Computational Intelligence, Man-Machine Systems and Cybernetics (CIMMACS'06)

## PUBLICATIONS

### **International Journal**

Jason J. Jung, "An Evolutionary Approach to Query Sampling for Heterogeneous Systems," Expert Systems with Applications, Vol. 37, No. 1, pp. 226-232, 2010.

Jason J. Jung, "Contextualized mobile recommendation service based on interactive social network discovered from mobile users," Expert Systems with Applications, Vol. 36, No. 9, pp. 11950-11956, 2009.

Jason J. Jung, "Semantic Business Process Integration Based on Ontology Alignment," Expert Systems with Applications, Vol. 36, No. 8, pp. 11013-11020, 2009.

Jason J. Jung, "Knowledge Distribution via Shared Context between Blog-based Knowledge Management Systems: a Case Study of Collaborative Tagging," Expert Systems with Applications, Vol. 36, No. 7, pp. 10627-10633, 2009.

- Do-Sam Hwang, In-Keun Lee, Jason J. Jung, "OntoCS: a Web-Based System for Collaborative Ontology Construction," to appear in *Computing and Informatics*, Vol. 28, No. 6, pp. xxx-xxx, 2009.
- Shohel Ahmed, Sungjoon Park, Jason J. Jung, Sanggil Kang, "A Personalized URL Re-ranking Method using Psychological User Browsing Characteristics," *Journal of Universal Computer Science*, Vol. 15, No. 4, pp. 926-940, 2009.
- Trong Hai Duong, Geun Sik Jo, Jason J. Jung, Ngoc Thanh Nguyen, "Complexity Analysis of Ontology Integration Methodologies:a Comparative Study," *Journal of Universal Computer Science*, Vol. 15, No. 4, pp. 877-897, 2009.
- Jason J. Jung, "Using evolution strategy for cooperative focused crawling on semantic web," *Neural Computing and Applications*, Vol. 18, No. 3, pp. 213-221, 2009.
- Jason J. Jung, "Consensus-based evaluation framework for cooperative information retrieval systems," *Knowledge and Information Systems*, Vol. 18, No. 2, pp. 199-211, 2009.
- Jason J. Jung, "Contextualized Query Sampling to Discover Semantic Resource Descriptions on the Web," *Information Processing & Management*, Vol. 45, No. 2, pp. 283-290, 2009.
- Jason J. Jung, "Trustworthy knowledge diffusion model based on risk discovery on peer-to-peer networks," *Expert Systems with Applications*, Vol. 36, No. 3, pp. 7123-7128, 2009.
- Jason J. Jung, Hojin Lee, Kwang Sun Choi, "Contextualized Recommendation Based on Reality Mining from Mobile Subscribers," *Cybernetics and Systems*, Vol. 40, No. 2, pp. 160-175, 2009.
- Jason J. Jung, "Towards open decision support systems based on semantic focused crawling," *Expert Systems with Applications*, Vol. 36, No. 2, pp. 3914-3922, 2009.
- Jason J. Jung, "Social grid platform for collaborative online learning on blogosphere: a case study of eLearning@BlogGrid," *Expert Systems with Applications*, Vol. 36, No. 2, pp. 2177-2186, 2009.
- Chonggun Kim, Jae-Youn Jung, Hyeon-Cheol Zin, Jason J. Jung, "An application of meta search agent system based on semantized tags for enhanced web searching," *Journal of Universal Computer Science*, Vol. 14, No. 14, pp. 2400-2415, 2008.
- Jason J. Jung, "Ontology-based Context Synchronization for Ad-Hoc Social Collaborations," *Knowledge-Based Systems*, Vol. 21, No. 7, pp. 573-580, 2008.
- Jason J. Jung, "Query Transformation Based on Semantic Centrality in Semantic Social Network," *Journal of Universal Computer Science*, Vol. 14, No. 7, pp. 1031-1047, June 2008.
- Jason J. Jung, "Taxonomy Alignment for Interoperability between Heterogeneous Virtual Organizations," *Expert Systems with Applications*, Vol. 36, No. 4, pp. 2721-2731, 2008.
- Jason J. Jung, "Semantic Co-Browsing System Based on Contextual Synchronization on Peer-to-Peer Environment," *Computing and Informatics*, Vol. 26, No. 4, pp. 469-488, 2007. (Special Issue: Knowledge and Information Management in Computer Communication Systems)
- Jason J. Jung, Krzysztof Juszczyszyn, Ngoc Thanh Nguyen, "Centrality Measurement on Semantically Multiplex Social Networks: Divide-and-Conquer Approach," *International Journal of Intelligent Information and Database Systems*, Vol. 1, No. 3/4, pp. 277-292, 2007. (Special Issue: Knowledge Dynamics in Semantic Web and Social Network)

Jason J. Jung, "Exploiting semantic annotation to supporting user browsing on the web," *Knowledge-Based Systems*, Vol. 20, No. 4, pp. 373-381, 2007.

Jason J. Jung, "Ontological Framework Based on Contextual Mediation for Collaborative Information Retrieval," *Information Retrieval*, Vol. 10, No. 1, pp. 85-109, 2007. (Special Issue: Contextual Information Retrieval)

Jason J. Jung, "Visualizing recommendation flow on social networks," *Journal of Universal Computer Science*, Vol. 11, No. 11, pp. 1780-1791, 2005. (Special Issue: Visual Data Mining)

Jason J. Jung, "Semantic preprocessing of web request streams for web usage mining," *Journal of Universal Computer Science*, Vol. 11, No. 8, pp. 1383-1396, 2005. (Special Issue: Data Stream)

Jason J. Jung, Kee-Sung Lee, Seung-Bo Park, Geun-Sik Jo, "Efficient web browsing with semantic annotation: a case study of product images in e-commerce sites," *IEICE Transactions on Information and Systems*, Vol. E88-D, No. 5, pp.843-850, 2005. (Special Issue: Cyberworld)

Jason J. Jung, "Collaborative web browsing based on semantic extraction of user interests with bookmarks," *Journal of Universal Computer Science*, Vol. 11, No. 2, pp. 213-228, 2005. (Special Issue: Modern Technologies for Web-based Adaptive Systems)

Jason J. Jung, "An application of collaborative web browsing based on ontology learning from user activities on the web," *Computing and Informatics*, Vol. 23, No. 4, pp. 337-353, 2004. (Printed on March 2005) (Invited paper)

#### **Book Chapters and Editorials**

Jason J. Jung, Chung-Ming Ou, Ngoc Thanh Nguyen, Chong-Gun Kim, "Advances on Agent-based Network Management," to appear in *Journal of Network and Computer Applications*, Vol. xx, No. x, pp. xxx-xxx, 2010.

Jason J. Jung, Chulmo Koo, Kichan Nam, "Service science," to appear in *Journal of Universal Computer Science*, Vol. xx, No. x, pp. xxx-xxx, 2010.

Jason J. Jung, Ngoc Thanh Nguyen, "Virtual Agent and Organization Modeling: Theory and Applications," to appear in *Information Sciences*, Vol. x, No. xx, pp. xxx-xxx, 2009.

Jason J. Jung, "Collective Intelligence for Multimedia Tools and Applications," *Journal of Universal Computer Science*, Vol. xx, No. x, pp. xxx-xxx, 2010.

Jason J. Jung, Ngoc Thanh Nguyen, "Virtual Agent and Organization Modeling: Theory and Applications," to appear in *Information Sciences*, Vol. x, No. xx, pp. xxx-xxx, 2009.

Jason J. Jung, "Collective Intelligence on Semantic Web," to appear in *Computing and Informatics*, Vol. x, No. xx, pp. xxx-xxx, 2008.

Jason J. Jung, "Knowledge Distribution Based on Community of Practice Identification from Blogosphere," In N.T. Nguyen, G. Kolaczek, B. Gabrys (Eds.) *Polish-British Workshop on Knowledge Processing and Reasoning for Information Society*, pp. 265-274, 2008. (Invited paper)

Longbing Cao, Ngoc Thanh Nguyen, Jason J. Jung, "Information Retrieval Based on Multi-Agent Systems," to appear in *New Generation Computing*, Vol. x, No. xx, pp. xxx-xxx, 2008.

Jason J. Jung, Ngoc Thanh Nguyen, "Collective Intelligence on Semantic Knowledge Grid," to appear in *Journal of Universal Computer Science*, Vol. x, No. xx, pp. xxx-xxx, 2008.

Jason J. Jung, Krzysztof Juszczyszyn, "Editorial: Knowledge Dynamics in Semantic Web and Social Network," *International Journal of Intelligent Information and Database Systems*, Vol. 1, No. 3, pp. 245-246, 2007.

Geun-Sik Jo, Jason J. Jung, "Ontology-supported Web contents management," In W. Suh (Ed.) *Web Engineering: Principles and Techniques*, Chapter 9, pp. 203-223, IDEA Publishing Inc., 2005.

Jason J. Jung, Jeong-Seob Yoon, Geun-Sik Jo, "Collaborative information filtering by using categorized bookmarks on the web," *Lecture Notes in Artificial Intelligence* (Oskar Bartenstein, Ulrich Geske, Markus Hannebauer, Osama Yoshie (Eds.): *Web-knowledge Management and Decision Support*), Vol. 2543, pp.237-250, Springer, 2003.

### **International Conference**

Jason J. Jung, Ngoc Thanh Nguyen "Consensus Choice for Reconciling Social Collaborations on Semantic Wikis," *Proceedings of the 1st International Conference on Computational Collective Intelligence (ICCCI 2009)*, *Lecture Notes in Computer Science*, Vol. 5796, pp. 472-480, Springer, Wroclaw, Poland, October 5-7, 2009.

Jason J. Jung, "Ontology Mapping Composition for Query Transformation in Distributed Environment," *Proceedings of the 1st International Conference on Computational Collective Intelligence (ICCCI 2009)*, *Lecture Notes in Computer Science*, Vol. 5796, pp. 481-491, Springer, Wroclaw, Poland, October 5-7, 2009.

Jason J. Jung, Anne Hakansson, Ronald L. Hartung, "Indirect Alignment between Multilingual Ontologies: a Case Study of Korean and Swedish Ontologies," *Proceedings of the 3rd International KES Symposium on Agents and Multi-agent Systems - Technologies and Applications (KES-AMSTA 2009)*, *Lecture Notes in Computer Science*, Vol. 5559, pp. 233-241, Springer, Uppsala, Sweden, 3-5 June, 2009.

Jason J. Jung, "Adaptive Community Identification on Semantic Social Networks with Contextual Synchronization: An Empirical Study," *Proceedings of the 3rd International KES Symposium on Agents and Multi-agent Systems - Technologies and Applications (KES-AMSTA 2009)*, *Lecture Notes in Computer Science*, Vol. 5559, pp. 430-439, Springer, Uppsala, Sweden, 3-5 June, 2009.

Jason J. Jung, Young-Shin Han, "Conceptual Modeling of Semantic Service Chain Management for Building Service Networks: a Preliminary Result," *Proceedings of the 3rd International KES Symposium on Agents and Multi-agent Systems - Technologies and Applications (KES-AMSTA 2009)*, *Lecture Notes in Computer Science*, Vol. 5559, pp. 481-489, Springer, Uppsala, Sweden, 3-5 June, 2009.

Jason J. Jung, "Towards Collaborative Spam Filtering Based on Collective Intelligence," *Proceedings of the 1st Asian Conference on Intelligent Information and Database Systems (ACIIDS 2009)*, pp. 356-361, IEEE, Dong Hoi, Vietnam, 1-3 April, 2009.

Chulmo Koo, Jason J. Jung, Daeyong Lee, "Exploring the Use of Social Communications Technologies in Tasks and its Performance in Organizations," *Proceedings of the 1st Asian Conference on Intelligent Information and Database Systems (ACIIDS 2009)*, pp. 368-373, IEEE, Dong Hoi, Vietnam, 1-3 April, 2009.

Youngshin Han, Chilgee Lee, Jason J. Jung, "Redundancy Analysis Simulation in Semiconductor Manufacturing for Yield Improvement," *Proceedings of the 2009 Spring Simulation Multiconference (SpringSim09)*, San Diego, USA, 22-27 March, 2009.

Jason J. Jung, Hojin Lee, Kwang-Sun Choi, "Towards Efficient Reality Mining with Contexts and

Semantics: a Case Study of Telecommunication,” Proceedings of the 2nd International Symposium on Intelligent Information Technology Application (IITA 2008), pp. 66-70, IEEE, Shanghai, China, 21-22 December, 2008.

Trong Hai Duong, Ngoc Thanh Nguyen, Jason J. Jung, Geun-Sik Jo, “CMOI: A Collaborative Method for Multiple Ontology Integration,” Proceedings of the 2008 International Workshop on Soft Computing for Knowledge Technology (SCKT 2008), pp. 48-59, Springer, Hanoi, Vietnam, 16 December, 2008.

Jinhyun Ahn, Key-Sun Choi, Do-Sam Hwang, Jason J. Jung, “Consensus Choice for Social Collaborations on Semantic Wikis: a Preliminary Study,” Proceedings of the 1st International Workshop on Collective Intelligence (CI 2008), (affiliated with ASWC 2008) pp. xxx-xxx, Bangkok, Thailand, 8 December, 2008.

inhyun Ahn, Jason J. Jung, Key-Sun Choi, “Interleaving Ontology Mapping for Online Semantic Annotation on Semantic Wiki,” Proceedings of the 2nd Workshop on Collective Intelligence in Semantic Web and Social Networks (CISWSN 2008), (affiliated with IEEE/WIC/ACM Joint International Conference on Web Intelligence and Intelligent Agent Technology 2008) pp. xxx-xxx, IEEE, Sydney, Australia, 9-12 December, 2008.

Jason J. Jung, “Contextualized Query Sampling to Discover Semantic Resource Descriptions on the Web,” Proceedings of the 1st IEEE International Conference on the Applications of Digital Information and Web Technologies (ICADIWT 2008), pp. 198-203, IEEE, Ostrava, Czech Republic, August, 2008.

Jason J. Jung, “Shared Context for Knowledge Distribution: a Case Study of Collaborative Taggings,” Proceedings of the 21st International Conference on Industrial & Engineering Applications of Artificial Intelligence & Expert Systems (IEA/AIE 2008), Lecture Notes in Artificial Intelligence, Vol. 5027, pp. 641-648, Springer, Wroclaw, Poland, June, 2008.

Jason J. Jung, Kono Kim, Hojin Lee, Seongrae Park, “Context-based Service Based on Interactive Social Network Discovery from Mobile Subscribers,” Proceedings of the International Workshop on Advanced Computing and Applications 2008 (ACOMP 2008), Ho Chi Minh City, Vietnam, March 12-14, 2008.

Jason J. Jung, Kono Kim, Hojin Lee, Seongrae Park, “Are you satisfied with your recommendation service?: Discovering social networks for personalized mobile services,” Proceedings of the Second KES Symposium on Agent and Multi-Agent Systems (KES-AMSTA 2008), Lecture Notes in Artificial Intelligence, Vol. 4953, pp. 567-573, Springer, Incheon, Korea, March, 2008.

Jason J. Jung, Chul-Mo Koo, Yong-Jin Kim, “Query-free Knowledge Distribution Based on Community of Practice Identification from Blogosphere,” ICIS Pre-Workshop on Web 2.0, Montreal, Canada, December, 2007.

Jason J. Jung, Chul-Mo Koo, Geun-Sik Jo, “A Divide-and-Conquer Approach to Detecting Latent Community of Practice from Virtual Organizations,” Proceedings of the 2007 International Conference on Convergence Information Technology (ICCIT 2007), pp. 129-134, IEEE Computer Society, Kyungju, Korea, November, 2007.

Jason J. Jung, Hong-Gee Kim, “Social Alignment for Preprocessing User-Constructed Ontologies,” Proceedings of the International Workshop on Collective Intelligence on Semantic Web (CISW 2007), pp. 255-262, IEEE Press, Silicon Valley, CA, USA, November, 2007.

Jason J. Jung, Hong-Gee Kim, Geun-Sik Jo, “Alignment-based Preprocessing of Personal Ontologies

on Semantic Social Network,” Proceedings of the 11th International Conference on Knowledge-Based Intelligent Information & Engineering Systems (KES 2007), Lecture Notes in Artificial Intelligence, Vol. 4693, pp. 255-262, Springer, Vietri sul Mare, Italy, September, 2007.

Jason J. Jung, Geun-Sik Jo, Seong-Won Yeo, “Meta-Evolution Strategy to Focused Crawling on Semantic Web,” Proceedings of the International Conference on Artificial Neural Network (ICANN 2007), Lecture Notes in Computer Science, Vol. xxxx, pp. xxx-xxx, Springer, Porto, Portugal, September, 2007.

Jason J. Jung, Yun-Sang Oh, Geun-Sik Jo, “Improving Scalability of Multiple Crawlers Based on Contextualized Query-Sampling,” Proceedings of the International Workshop on Semantic and Grid Computing (affiliated with the 5th International Conference Parallel and Distributed Processing and Applications (ISPA 2007)), Niagara Falls, Canada, August, 2007

Jason J. Jung, Geun-Sik Jo, “Risk Discovery Based on Recommendation Flow Analysis on Social Networks,” Proceedings of the 20th International Conference on Industrial & Engineering Applications of Artificial Intelligence & Expert Systems (IEA/AIE 2007), Lecture Notes in Artificial Intelligence, Vol. 4570, pp. 876-885, Springer, Kyoto, Japan, June, 2007. (Acceptance Rate: 27%)

Jason J. Jung, Antoine Zimmerman, Jérôme Euzenat, “Concept-based Query Transformation Based on Semantic Centrality in Semantic Peer-to-Peer Environment,” Proceedings of the Joint Conference on the 9th Asia-Pacific Web Conference and the 8th International Conference on Web-Age Information Management (APWeb/WAIM 2007), Lecture Notes in Computer Science, Vol. 4505, pp. 622-629, Huang Shan, China, June 2007. (Acceptance Rate: 16%)

Jason J. Jung, Jérôme Euzenat, “Towards Semantic Social Networks,” Proceedings of the 4th European Semantic Web Conference (ESWC 2007), Lecture Notes in Artificial Intelligence, Vol. 4519, pp. 267-280, Springer, Innsbruck, Austria, June, 2007. (Acceptance Rate: 17%)

Jason J. Jung, Geun-Sik Jo, “Consensus-based Evaluation Framework for Cooperative Information Retrieval Systems,” Proceedings of the 1st KES Symposium on Agent and Multi-Agent Systems - Technologies and Applications (KES-AMSTA), Lecture Notes in Computer Science, Vol. 4496, pp. 169-178, Wroclaw, Poland, May 2007. (Acceptance Rate: 24%) - Best Paper Award

Jason J. Jung, Geun-Sik Jo, “Social Mediation for Collective Intelligence in a Large Multi-agent Communities: a Case Study of AnnotGrid,” Proceedings of the International Workshop on Collective Intelligence for Semantic and Knowledge Grid (affiliated with International Conference on Computational Science 2007), Lecture Notes in Computer Science, Vol. xxxx, pp. xxx-xxx, Beijing, China, 2007. (Acceptance Rate: 25.8%)

Jason J. Jung, “Taxonomy Alignment for Interoperability between Heterogeneous Digital Libraries,” Proceedings of the International Conference on Asian Digital Library (ICADL), Lecture Notes in Computer Science, Vol. 4312, pp. 274-282, Japan, 2006. (Acceptance Rate: 27%)

Jason J. Jung, “Personalized Information Delivering Service in Blog-like Digital Libraries,” Proceedings of the International Conference on Asian Digital Library (ICADL), Lecture Notes in Computer Science, Vol. 4312, pp. 163-172, Japan, 2006. (Acceptance Rate: 27%)

Jason J. Jung, Inay Ha, Supratip Ghose, Geun-Sik Jo, “Collaborative User Tracking for Community Organization on Blogosphere: a Case Study of eLearning@BlogGrid,” Proceedings of the Workshop on Advances in Web-based Learning (affiliated with WISE 2006), Lecture Notes in Computer Science, Vol. 4256, pp. 276-286, Wuhan, China, 2006.

Jason J. Jung, Jérôme Euzenat, “Measuring Semantic Centrality based on Building Consensual

Ontology on Social Networks,” Proceedings of the Workshop on Semantic Network Analysis (co-located in ESWC 2006), June 12, Budva, Montenegro, 2006.

Jason J. Jung, Jérôme Euzenat, “From Personal Ontologies to Socialized Semantic Space,” Proceedings of the European Semantic Web Conference 2006 (Poster), June 12, Budva, Montenegro, 2006.

Jason J. Jung, “Contextual Synchronization for Online Co-Browsing on Peer-to-Peer Environment,” Proceedings of the Workshop on Knowledge and Information Management in Computer Communication Systems (affiliated with International Conference on Computational Science 2006), Lecture Notes in Computer Science, Vol. 3993, pp. 244-247, Reading, UK, 2006. (Acceptance Rate: 30%)

Ming-Lai Li, Heung-Nam Kim, Jason J. Jung, Geun-Sik Jo, “Profit-based association rule mining,” Proceedings of the 2005 International Conference on Computational Intelligence and Security (CIS 2005), Xi’an, China, December, 2005.

Jason J. Jung, Inay Ha, Geun-Sik Jo, “BlogGrid: towards an efficient information pushing service on blogspace,” Proceedings of the 4th International Conference on Grid and Cooperative Computing (GCC 2005), Lecture Notes in Computer Science, Vol. 3795, pp.178-183, Springer, Beijing, China, November, 2005. (Acceptance Rate: 25%)

Supratip Ghose, Jason J. Jung, Geun-Sik Jo, “Exploring the effective search context for the user in an interactive and adaptive way,” Proceedings of the 9th International Conference on Knowledge-Based Intelligent Information & Engineering Systems (KES 2005), Lecture Notes in Artificial Intelligence, Vol. 3683, pp. 841-847, Springer, Melbourne, Australia, September, 2005.

Jason J. Jung, Seung-Bo Park, Geun-Sik Jo, “Semantic template generation based information summarization for mobile devices,” Proceedings of the 3rd International Human.Society@Internet Conference (HSI 2005), Lecture Notes in Computer Science, Vol. 3597, pp. 135-143, Springer, Tokyo, Japan, July, 2005.

Jason J. Jung, Geun-Sik Jo, “Dataset filtering based association rule updating in small-sized temporal databases,” Proceeding of International Conference on Computational Science and Applications (ICCSA 2005), Lecture Notes in Computer Science, Vol. 3483, pp. 1131-1139, Springer, Singapore, May, 2005. (Acceptance Rate: 18%)

Hyun-Jun Kim, Heung-Nam Kim, Jason J. Jung, Geun-Sik Jo, “On enhancing the performance of spam mail filtering system using semantic enrichment,” Proceedings of the 17th Australian Joint Conference on Artificial Intelligence (AI 2004), Lecture Notes in Artificial Intelligence, Vol. 3339, pp. 1095-1100, Springer, Cairns, Australia, December, 2004. (Acceptance Rate: 41.2%)

Hyun-Jun Kim, Heung-Nam Kim, Jason J. Jung, Geun-Sik Jo, “Spam mail filtering systems using semantic enrichment,” Proceedings of the 5th International Conference on Web Information Systems Engineering (WISE 2004), Lecture Notes in Computer Science, Vol. 3306, pp. 619-628, Springer, Brisbane, Australia, November, 2004. (Acceptance Rate: 23.6%)

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