

Sixth International Workshop on Information Integration on the Web

IIWeb 2007 Program

Monday (23 July, 2007), Vancouver, Canada

IIWeb Opening and Keynote

8:30am - 9:30am

Keynote: A Schema Mapping Infrastructure for Data Integration

Speaker: Philip A. Bernstein (Microsoft Research)

Novel Integration Architectures and Web Applications

9:30am - 10:45am

Data Integration Support for Mashups (20min)

Andreas Thor, David Aumeller, Erhard Rahm (University of Leipzig, Germany)

Exploiting Social Annotation for Automatic Resource Discovery (20min)

Anon Plangprasopchok and Kristina Lerman (USC Information Sciences Institute)

A Platform for Scalable, Collaborative, Structured Information Integration (10min)

Kurt Bollacker, Robert Cook, Patrick Tufts (Metaweb Technologies, Inc.)

Citepack: A Zero-input Agent for Discovering and Integrating Research Sources (10min)

Christopher H. Brooks, Yeh Fang, Ketaki Joshi, Papanii Okai, Xia Zhou (University of San Francisco)

Questions and Discussions (15min)

10:45am - 11:00am

Coffee Break

Online Information Integration

Information Integration for the Masses (20min)

James Blythe, Dipsy Kapoor, Craig A. Knoblock, Kristina Lerman (USC Information Sciences Institute) and Steven Minton (Fetch Technologies)

Answering Top K Queries Efficiently with Overlap of Answers in Sources or Source Paths (20min)

11:00am - 12:15pm

Louïqa Raschid (University of Maryland), Mar'ya Esther Vidal (Universidad Sim'on Bol'var), Yao Wu (University of Maryland), Felix Naumann, Jens Bleiholder (Hasso-Plattner-Institut, Potsdam)

BioFederator: A Data Federation System for Bioinformatics on the Web (20min)

Ahmed Radwan, Akmal Younis (University of Miami), Mauricio A. Hernandez, Howard Ho, Lucian Popa, Shivkumar Shivaji (IBM Almaden Research Center), Sawsan Khuri (University of Miami)

Questions and Discussions (15min)

12:15pm - 1:30pm

Lunch Break

Free Lunch Sponsored by Microsoft and Yahoo!

	Name Disambiguation and Entity Resolution
1:30pm - 3:00pm	<p><u>Author Disambiguation using Error-driven Machine Learning with a Ranking Loss Function (20min)</u> Aron Culotta, Pallika Kanani; Rob Hall; Michael Wick; Andrew McCallum (University of Massachusetts)</p> <p><u>Efficient Strategies for Improving Partitioning-Based Author Coreference by Incorporating Web Pages as Graph Nodes (20min)</u> Pallika Kanani and Andrew McCallum (University of Massachusetts)</p> <p><u>Name Disambiguation Using Web Connection (20min)</u> Yiming Lu (University of California, Irvine), Zaiqing Nie (Microsoft Research Asia), Taoyuan Cheng, Ying Gao (Renmin University of China), Ji-Rong Wen (Microsoft Research Asia)</p> <p><u>Mining Heterogeneous Transformations for Record Linkage (10min)</u> Matthew Michelson and Craig A. Knoblock (USC Information Sciences Institute)</p> <p>Questions and Discussions (20min)</p>
	Semantic Data Integration and Schema Matching (I)
3:00pm - 3:30pm	<p><u>On the Stable Marriage of Maximum Weight Royal Couples (20min)</u> Anan Marie, Avigdor Gal (Technion – Israel Institute of Technology)</p> <p><u>Query Rewriting for Semantic Web Information Integration (10min)</u> Dave Kolas (BBN Technologies)</p>
3:30pm - 4:00pm	Coffee Break
	Semantic Data Integration and Schema Matching (II)
4:00pm - 4:35pm	<p><u>Semantic Data Integration Environment for Biomedical Research (20min)</u> Vadim Astakhov, Jeffrey S. Grethe, Edward Ross, David Little, Brian Sanders, Amarnath Gupta (University of California San Diego)</p> <p>Questions and Discussions (15min)</p>
	Web Information Extraction
4:35pm - 5:50pm	<p><u>Putting Semantic Information Extraction on the Map (20min)</u> Chris Pal, Gideon Mann, Richard Minerich (University of Massachusetts)</p> <p><u>Using Regulatory Instructions for Information Extraction (20min)</u> Thomas Lee (University of Pennsylvania)</p> <p><u>Probabilistic Representations for Integrating Unreliable Data Sources (10min)</u> David Mimno, Andrew McCallum and Gerome Miklau (University of Massachusetts)</p> <p><u>Learning Extractors from Unlabeled Text using Relevant Databases (10min)</u> Kedar Bellare and Andrew McCallum (University of Massachusetts)</p> <p>Questions and Discussions (15min)</p>
	End of IIWeb 2007 Program