WIMS'14 Program

Note: Full papers are scheduled for approximately 25 minutes presentation followed by 5 minutes Q&A. Short papers are scheduled for approximately 12 minutes presentation followed by 3 minutes Q&A

Monday, 2/6/2014

09:00-09:40	*Registration*	
09:40-10:00	**Welcome address by the chairs**	***Doc Six Hall***
10:00-11:00	**Keynote 1** *Session chair*: Vadim Ermolayev Semantic Technology for Online, Broadcast and Print Media *Jem Rayfield*	***Doc Six Hall***
11:00-11:30	*Coffee Break*	

11:30-13:00	**Session WI – 1** ***Timber Hall II*** *Session chair*: Pinar Karagoz Linked Enterprise Data for Fine Grained Named Entity Linking and Web Intelligence *Albert Weichselbraun, Daniel Streiff and Arno Scharl* Non-Local Dictionary Based Japanese Dish Names Recognition Using Multi-Feature CRF from Online Reviews *Weichang Chen, Katsuhiko Kaji, Kei Hiroi and Nobuo Kawaguchi* A User-Centered Methodology for the Evaluation of (Semantic) Web Service Discovery and Selection (*short*) *Friederike Klan and Birgitta König-Ries* Automating Web-Navigation Support Using a Cognitive Model (*short*) *Sonal Aggarwal, Herre Van Oostendorp and Bipin Indurkhya*	**Session WSR – 1** ***Doc Six Hall*** *Session chair*: Tope Omitola Generating Semantic Annotations For Research Datasets *Ayush Singhal and Jaideep Srivastava* Social Tags and Linked Data for Ontology Development: A Case Study in the Financial Domain *Andrés García-Silva, Leyla Jael García Castro, Alexander García and Oscar Corcho* Incremental Export of Relational Database Contents into RDF Graphs *Nikolaos Konstantinou, Dimitris Kouis and Nikolas Mitrou*
13:00-14:30	*Lunch Break*	

14:30-16:00	**Session WMIKE – 1** <mark>Timber Hall II</mark> *Session chair*: Vassilios Verykios Improving Efficiency of Sequence Mining by Combining First Occurrence Forest (FOF) Strategy and Sibling Principle *Kezban Dilek Onal and Pinar Karagoz* Extracting Semantic Concept Relations from Wikipedia *Patrick Arnold and Erhard Rahm* A Methodology based on Commonsense Knowledge and Ontologies for the Automatic Classification of Legal Cases (*short*) *Nicola Capuano, Carmen De Maio, Saverio Salerno and Daniele Toti* On the Use of Lanczos Vectors for Efficient Latent Factor-Based Top-N Recommendation (*short*) *Athanasios N. Nikolakopoulos, Maria Kalantzi and John D. Garofalakis*	**Session APP – 1** <mark>Doc Six Hall</mark> *Session chair*: Yasuhiko Kitamura Web Search Results Visualization: Evaluation of Two Semantic Search Engines *Kalliopi Kontiza and Antonis Bikakis* Linking Social, Open, and Enterprise Data *Tope Omitola, John Davies, Alistair Duke, Hugh Glaser and Nigel Shadbolt* Open-Domain Web-Based List Question Answering with LX-ListQuestion (*short*) *Patricia Nunes Gonçalves and António Branco* Web Searching with Multiple Correct Answers (*short*) *Steven O'Hara and Tom Bylander*
16:00-16:30	**Coffee Break**	
16:30-18:00	**Session SWDAI – 1** <mark>Timber Hall II</mark> *Session chair*: Michel Plantié Configuring Named Entity Extraction through Real-Time Exploitation of Linked Data *Pavlos Fafalios, Manolis Baritakis and Yannis Tzitzikas* Term Impact-Based Web Page Ranking *Falah H. Al-Akashi and Diana Inkpen* BlogForever Crawler: Techniques and Algorithms to Harvest Modern Weblogs *Olivier Blanvillain, Nikos Kasioumis and Vangelis Banos*	
18:30-20:30	**Welcome Reception**	

Tuesday, 3/6/2014

10:00-11:00	**Keynote 2** *Doc Six Hall* ***Session chair*:** Rajendra Akerkar Social Networks: Evolving data mining and Sentiment Analytics *Athena Vakali*
11:00-11:30	**Coffee Break**

11:30-13:00	**Tutorial** *Doc Six Hall* ***Session chair*:** Vadim Ermolayev Knowledge Sanitization on the Web *Vasileios Kagklis, Vassilios S. Verykios, Giannis Tzimas and Athanasios K. Tsakalidis* <u>Presenter</u>: *Vassilios S. Verykios*	**Session APP – 2** *Timber Hall II* ***Session chair*:** Steven O'Hara A Graph Based Methodology for Web Structure Mining - with a Case Study on the Webs of the UK Universities *Tahani Alqurashi and Wenjia Wang* Curriculum data enrichment with ontologies (*short*) *Mahdi Gueffaz, Jirasri Deslis and Jean-Claude Moissinac* Classification of movement data concerning user's activity recognition via mobile phones (*short*) *Spiridoula Tragopoulou, Iraklis Varlamis and Magdalini Eirinaki*	**Session WASA – 1** *Timber Hall I* ***Session chair*:** Mirjana Ivanovic Programming Safe Agents in Blueprint *Alex Muscar* A multi-agent approach towards cooperative overtaking in vehicular networks *Adrian Groza, Bogdan Iancu and Anca Marginean* Bringing Paxos Consensus in Multi-agent Systems *Andrei Mocanu and Costin Badica* Delivering the multiagent technology to end-users through the web *Dejan Mitrovic, Mirjana Ivanovic and Costin Badica*
13:00-14:30	**Lunch Break**		
14:30-16:00	**Session WMIKE – 2** *Doc Six Hall* ***Session chair*:** Grigorios Tsoumakas Spam Filtering: An active learning approach using incremental clustering *Kleanthi Georgala, Aris Kosmopoulos and Georgios Paliouras* xStreams: Recommending Items to Users with Time-evolving Preferences *Zaigham Faraz Siddiqui, Eleftherios Tiakas, Panagiotis Symeonidis,Myra Spiliopoulou and Yannis Manolopoulos*	**Session SWDAI – 2** *Timber Hall II* ***Session chair*:** Iraklis Varlamis Visualizing and Interacting with Concept Hierarchies *Michel Crampes and Michel Plantié* Predicting Download Directories for Web Resources *George Valkanas and Dimitrios Gunopulos*	**Session WASA – 2** *Timber Hall I* ***Session chair*:** Costin Badica Virtual Marathon System Where Humans and Agents Compete *Hirofumi Kishino and Yasuhiko Kitamura* Experiments with Emotion Contagion in Emergency Evacuation Simulation *Marina Ntika, Ilias Sakellariou, Petros Kefalas and Ioanna Stamatopoulou*

	A soft frequent pattern mining approach for textual topic detection *Georgios Petkos, Symeon Papadopoulos, Luca Aiello, Ryan Skraba and Yiannis Kompatsiaris*	Providing a context-aware location based web service through semantics and user-defined rules *Iosif Viktoratos, Athanasios Tsadiras and Nick Bassiliades*	Emotional Intelligence – Applications Based on Multi-Agent Systems *Mirjana Ivanovic, Milos Radovanovic, Zoran Budimac, Dejan Mitrovic, Vladimir Kurbalija, Weihui Dai and Weidong Zhao* Agile development methods through the eyes of Organisational Network Analysis *Alex Becheru*
16:00-16:30	*Coffee Break*		
16:30-18:00	**Session WI – 2**　　　　　　　**Doc Six Hall** **Session chair:** Albert Weichselbraun Modeling the Preferences of a Group of Users Detected by Clustering: a Group Recommendation Case-Study *Ludovico Boratto and Salvatore Carta* Opinion Propagation in Online Social Networks: A Survey *Dumitru-Clementin Cercel and Stefan Trausan-Matu* EmoTube: A Sentiment Analysis Integrated Environment for Social Web Content (*short*) *Evangelia Polymerou, Despoina Chatzakou and Athena Vakali* Towards a Framework for Social Semiotic Mining (*short*) *Eirini Giannakidou, Athena Vakali and Nikolaos Mavridis*	**Session WSR – 2**　　　　　　　**Timber Hall II** **Session chair:** Athanasios Tsadiras Representing and Reasoning over Topological Relations in OWL *Sotiris Batsakis, Grigoris Antoniou and Ilias Tachmazidis* Enhancing DL-Lite$^{\mathcal{N}}_{horn|bool}$ Finite Models with Frequency Constraints *Mauricio Minuto Espil and Maria Gabriela Ojea* Optimized Backward Chaining Reasoning System for a Semantic Web (*short*) *Hui Shi, Kurt Maly and Steven Zeil* Enabling Semantically Enriched Data Analytics by Leveraging Topology-based Mobile Network Context Ontologies (*short*) *Abdulbaki Uzun, Moritz von Hoffen and Axel Küpper*	
18:30-20:30	*City sightseeing bus trip*		
20:30	*Conference Dinner*		

Wednesday, 4/6/2014

10:00-11:00	**Keynote 3** ***Doc Six Hall*** ***Session chair:*** Athena Vakali Big Data – from Hype to Reality? *V. Richard Benjamins*	
11:00-11:30	***Coffee Break***	
11:30-13:00	**Session WI – 3** ***Doc Six Hall*** ***Session chair:*** Friederike Klan Edge Weight Method for Community Detection in Scale-Free Networks *Sorn Jarukasemratana and Tsuyoshi Murata* When in Doubt ask the Crowd : Employing Crowdsourcing for Active Learning *Mihai Georgescu, Dang Duc Pham, Claudiu Firan, Ujwal Gadiraju and Wolfgang Nejdl* Enhancing a Location-based Recommendation System by Enrichment with Structured Data from the Web *Max Schmachtenberg, Thorsten Strufe and Heiko Paulheim*	**Session 3M4city – 1** ***Timber Hall II*** ***Session chair:*** Leonidas Anthopoulos Social Data Mining and Knowledge Flows Between Government and its Citizenry in Crisis and Normal Situations *Arthur J. Riel, Denisa Popescu and Luisita Guanlao* Improving integration and insight in smart cities with policy and trust *Stephen Cohen, William Money and Michele Quick* Geolinked Open Data for the Municipality of Catania *Sergio Consoli, Aldo Gangemi, Andrea Giovanni Nuzzolese, Silvio Peroni, Valentina Presutti, Diego Reforgiato Recupero and Daria Spampinato* Investigating the Relationship between Social Media Content and Real-time Observations for Urban Air Quality and Public Health *Marina Riga and Kostas Karatzas*
13:00-14:30	***Lunch Break***	
14:30-16:00	**Session EVTA** ***Doc Six Hall*** ***Session chair:*** Wenjia Wang Creating a Similarity Graph from WordNet *Lubomir Stanchev* Aggregation of Crowdsourced Labels Based on Worker History *Mihai Georgescu and Xiaofei Zhu* Predicting the Performance of Collaborative Filtering Algorithms (*short*) *Pawel Matuszyk and Myra Spiliopoulou*	**Session 3M4city – 2** ***Timber Hall II*** ***Session chair:*** Leonidas Anthopoulos Smart Cities Data Streams Integration: experimenting with Internet of Things and social data flows *Athena Vakali, Leonidas Anthopoulos and Srdjan Krco* Discussion
16:00-16:20	**WIMS conclusion by the chairs** ***Doc Six Hall***	