

WIMS 2013: International Conference on Web Intelligence, Mining and Semantics

June 12-14, 2013 Madrid, Spain

Wednesday, June 12, 2013

9:00 - 10:00

10:00 - 10:15 **Opening** (Maria D. Rodriguez Moreno Program Committee Co-Chair & David Camacho, General Chair). **(Building C: Salón de Grados)**

10:15 - 11:15 **Keynot Speaker: Asuncion Gomez Perez " Guidelines for Multilingual Linked Data "** **(Building C: Salón de Grados)** *Chair : M^a Dolores Rodriguez Moreno*

11:15 - 11:40 Coffe Break

11:40 - 12:55 **Session 1a (Building C: Salón de Grados): Clustering & WI**

Session Chair: David Camacho

11:40 - 12:05 *Cluster-based Page Segmentation - a fast and precise method for web page pre-processing* / [J.Zeleny](#), R.Burget

12:05 - 12:30 *Comparative Study of Text Clustering Techniques in Virtual Worlds* / G.Bello, [D.Camacho](#)

12:30 - 12:55 *A Genetic Graph-based Clustering approach to Biomedical Summarization* / [H.Menendez](#), L.Plaza, D.Camacho

Session 1b (Building A: Sala de Grados): Web Intelligence & Search

Session Chair: David F. Barrero

MOWS : Macro and Micro Online Webview Selection / A.Ben Ammar, A.Abdellatif, H.Ben Ghezela

Iridescent: a Tool for Rapid Semantic Annotation of Web Service Descriptions / T.Stavropoulos, [D.Vrakas](#), I.Vlahavas

Web Object Identification for Web Automation and Meta-Search / [I. Kordomatis](#), C.Herzog, R.Fayzrakhmanov, B.Krüpl-Sypien, W.Holzinger, R.Baumgartner

13:00 - 14:30 Lunch

14:30 - 15:30 **Tutorial (Building C: Salón de Grados): Semantic technology empowering real world outcomes in biomedical research and clinical practices** / [A.Sheth](#) *Chair: David Camacho*

15:30 - 15:45 Coffe Break

15:40 - 17:05 **Session 2a (Building C: Salón de Grados): Ontology**

Session Chair: Maria Dolores Rodriguez Moreno

15:45 - 16:05 *Utility-driven Evolution Recommender for a Constrained Ontology* / [P.Anantharam](#), B.Srivastava, A.Sheth

16:05 - 16:25 *Construction and Applicability of Military Ontology for Semantic Data Processing* / D.Yoo, [M.Ra](#), S.No

16:25 - 16:45 *A Tool for Generating Ontologies from Semantic Tag s* / C.Veris, K.Johansen, [A.L.Opdahl](#)

16:45 - 17:05 *Modelling Web User Synergism for the Similarity Measurement on the Ontology Matching* / [M.Dal Mas](#)

Session 2b (Building A: Sala de Grados): Big Data

Session Chair: Rajendra Akerkar

Crafting a Balance between Big Data Utility and Protection in the Semantic Data Cloud / [Yuh-Jong H.](#), Kua-Ping C., Ya-Ling H.

Automatic Classification of Documents in Cold-start Scenarios / R.Kawase, [M.Fisichella](#), B. Pereira Nunes, Kyung-Hun Ha, M.Bick

Open Data Framework for Sustainable Assessment in Software Forges / [I.Traverso](#), J.M.Dodero, I.Ruiz-Rube, M.Palomo-Duarte

Collecting interaction traces in distributed semantic wikis to providing user assistance / [Anh-Hoang Le](#), M.Lefevre, A.Cordier, H.Skaf-Molli

Thursday, June 13, 2013

9:30 - 10:00 **Registration** (Main lobby)

10:00 - 11:00 **Kenote Speaker (Building C: Salón de Grados): Amit Seth "Physical Cyber Social Computing: An early 21st century approach to Computing for Human Experience"** *Chair : Rajendra Akerkar*

11:00 - 12:00 **Tutorial (Building A: Salón de Grados): Data Processing and Semantics for Advanced Internet of Things (IoT) Applications: modeling, annotation, integration, and perception** / [P.Anantharam](#) *Chair: Maria Dolores Rodriguez-Moreno*

12:00 - 12:15 Coffe Break

12:15 - 13:35 **Session 3a (Building C: Salón de Grados): Semantics**

Session Chair: : Maria Dolores Rodriguez-Moreno

12:15 - 12:35 *Semantics-Based News Recommendation with SF-IDF+* / [F.Hogenboom](#), M.Moerland, M.Capelle, F.Frasincar

12:35 - 12:55 *Text2Geo: from textual data to geospatial information* / M.Roche, S.Tahrat, [E.Kergosien](#), S.Bringay, M.Teisseire

12:55 - 13:15 *New metric measure for the improvement of search results in microblogs* / [S. Cherichi](#), R.Faiz

13:15 - 13:35 *Semantic Agent System for Automatic Mobilization of Distributed and Heterogeneous Resources* / E.Nageba, P.Rubel, J.Fayn

Session 3b (Building A: Sala de Grados): Applications

Session Chair: David Fernandez Barrero

Automatic Generation of Textual Image Collection Descriptions / [R.Karlsen](#), D.Sundby, J.Nordbotten

Query Paraphrasing Enhancement Using Artificial Bee Colony / M.Ykhlef, [Abeer Ibrahim ALDayel](#)

Extract and Rank Web Communities / A.Salekin, [J.Tabassum](#), B.Jafar, M.Hasan (**video presentation**)

Towards Automatic Assessment of Government Web Sites / M.Goodwin([Trinh Hoang Nguyen](#))

13:35 - 15:00 Lunch

15:00 - 16:00 **Session 4a (Building C: Salón de Grados): Applications**

Session Chair: Pierre Maret

15:00 - 15:20 *Enhancing Readability of Web Documents by Text Augmentation for Deaf People* / J.C.Park, [J.W.Chung](#), H.Min, J.Kim

Session 4b (Building A: Sala de Grados): Twitter & Social-based computing

Session Chair: Jason J. Jung

Customer Review Summarization Approach using Twitter and SentiWordNet / [J.Jmal](#), R.Faiz

15:20 - 15:40 *Some Experiments on Modeling Stock Market Behavior Using Investor Sentiment Analysis and Posting Volume from Twitter* / [N.Oliveira](#), P.Cortez, N.Areal

Twitter Stream Analysis in Spanish / A. Cuesta, [D. F. Barrero](#), M.D. R-Moreno

15:40 - 16:00 *Identifying Hidden Geospatial Resources in Catalogues* / [W.Renteria-Agualimpia](#), F.J.López-Pellicer, J.Lacasta, F.J.Zarazaga-Soria, P.R.Muro-Medrano

Open Domain Knowledge Extraction: Inference on a Web Scale / A.Cucchiarelli, [P.Velardi](#), F. D'Antonio

16:60 - 16:20 Coffe Break

16:20 - 17:20 **Session 5a (Building A: Sala de Grados): SHORT PAPERS**

Session Chair: Pierre Maret

16:20 - 16:40 *Negative Implicit Feedback in E-commerce Recommender Systems* / [L.Peska](#), P.Vojtas

16:40 - 17:00 *An Open Conceptual Framework for Collaborative Platforms and Social Sensing* / [P.Di Maio](#), J.Ure (*video presentation*)

17:00 - 17:20 *Trust Model for Knowledge-Based Communities* / J.Calmet, [P.Maret](#)

20:30 - 23:00 **Conference Dinner (Café Gijón: www.cafegijon.com)**

Friday June 14, 2013

9:30 - 10:00 **Registration** (Main lobby)

10:00 - 11:00 **Keynote Speaker: Jason Jung "Contextual Synchronization on Social Collaboration"** (Building C: Salón de Grados) *Chair: David Camacho*

11:00 - 13:30 **Workshop 1 (Building C: Salón de Grados): HSWI'13**

Session Chair: Roberto García

11:00 - 11:25 *Attract Me! How Could End-Users Identify Interesting Resources?* / [M.Voigt](#), V.Tietz, N.Piccolotto, K.Meißner

11:25 - 11:50 *Design and Evaluation of Overview Components for Effective Semantic Data Exploration* / [J.M.Brunetti](#)

11:50 - 12:15 *Towards RVL: a Declarative Language for Visualizing RDFS/OWL Data* / [J.Polowinski](#)

12:15 - 12:30 Coffe Break

Workshop 1 (Building C: Salón de Grados): HSWI'13

Session Chair: Roberto García

12:30 - 12:55 *Soa2mSituation: An Interaction Situation Model for the Multimodal Web* / [B.H.Rodriguez](#), J.C.Moissinac, I.Demeure

12:55 - 13:20 *Tool Support for Semantic Task Modeling* / V.Tietz, A.Rümpel, [M.Voigt](#), P.Siekmann, K.Meißner

13:20 - 13:45 *Creation of visualizations based on Linked Data* / [A.Graves](#)

13:45 - 15:00 Lunch

15:00 - 16:00 **Tutorial (Building C: Salón de Grados): "Towards Topics-based, Semantics-assisted News Search"** [Martin Voigt](#), Michael Aleythe, Peter Wehner *Chair: Jason Jung*

16:00 - 16:20 Coffe Break

16:20 - 17:20 **Workshop 2 (Building A: Salón de Grados): SemCity-13**

Session Chair: Pramod Anantharam/Tope Omitola

16:20 - 16:40 *Data Integration Driven Ontology Design, Case Study Smart City* / [G.Nemirovski](#), A.Sicilia, A.Nolle, V.Corrado, I.Ballarini.

16:40 - 17:00 *Semantic Sensor Web Data Exploration and Visualization for Intelligent Decision Support* / A.Corchero, X.Domingo, [R.García](#)

17:00 - 17:20 *Intelligent Interactive Multimedia System* / [M.Dal Mas](#)

17:20 - 17:30 **Closing (Building C: Salón de Grados)**

19:30 - 20:30 **Dalí Exhibition at Reina Sofia Museum**