

Conference Program

Wednesday 25.05.2011

09:30 - 10:30	Registration (Main lobby)
10:45 - 11:00	Opening (Sogndal 2 - Auditorium) Agnes Landstad <i>Managing Director, WNRI</i> James Hendler <i>Member, WIMS'11 Advisory Committee</i> Rajendra Akerkar <i>Chair, Program Committee</i>
11:00 - 12:00	Keynote Address (Sogndal 2 - Auditorium) <i>Chair: Terje Aaberge</i> The Semantic Web 10th Year Update James Hendler
12:00 - 13:30	Lunch Break
Sessions WE-1 13:30 - 15:00	Web Information Search & Retrieval- I (Room: Sogndal 1) <i>Session Chair: Nicola Fanizzi</i>
	A Semantic Privacy-Preserving Model for Data Sharing and Integration <i>Yuh-Jong Hu; Jiun-Jan Yang</i>
	News Personalization using the CF-IDF Semantic Recommender <i>Frank Goossen; Wouter Jntema; Flavius Frasinca; Frederik Hogenboom; Uzay Kaymak</i>
	CATALOGA®: a Software for Semantic and Terminological Information Retrieval <i>Annibale Elia; Alberto Postiglione; Mario Monteleone; Johanna Monti; Daniela Guglielmo</i>
	Semantics and Ontology Engineering - I (Room: Sogndal 3) <i>Session Chair: Michael Hausenblas</i>
	Comparison of Ontology Reasoning Systems Using Custom Rules <i>Hui Shi, Kurt Maly; Steven Zeil; Mohammad Zubair</i>
	Tracing the Provenance of Linked Data using void <i>Tope Omitola; Landong Zuo; Christopher Gutteridge; Ian C Millard; Hugh Glaser; Nicholas Gibbins; Nigel Shadbolt</i>
	Publishing and Interacting with Linked Data <i>Roberto Garcia; Josep Maria Brunetti; Antonio López-Muzás; Juan Manuel Gimeno; Rosa Gil</i>
	Tutorial: Description Logic Reasoning for Semantic web ontologies - I (Room: Sogndal 2) Anni-Yasmin Turhan

15:00 - 15:30	Coffee Break
Sessions WE-2	Web Information Search & Retrieval - II (Room: Sogndal 1) <i>Session Chair: Yuh-Jong Hu</i>
15:30 - 17:00	ELS: A Word-Level Method for Entity-Level Sentiment Analysis <i>Nikolaos Engonopoulos; Angeliki Lazaridou; Georgios Paliouras; Costas Chandrinou</i>
	Real Understanding of Real Estate Forms <i>Tim Furche; Georg Gottlob; Giovanni Grasso; Xiaonan Guo; Giorgio Orsi; Christian Schallhart</i>
	ForAVis - Explorative User Forum Analysis <i>Franz Wanner; Thomas Ramm; Daniel A. Keim</i>
	The InfoAlbum: Image Centric Information Collection <i>Randi Karlsen; Børge Jakobsen</i>
	Semantics and Ontology Engineering - II (Room: Sogndal 3) <i>Session Chair: Andreas L Opdahl</i>
	Improving the Usability of Integrated Applications by Using Visualizations of Linked Data <i>Heiko Paulheim</i>
	Toward A Semantic Vocabulary For Systems Engineering <i>Paola Di Maio</i>
	Logical Structure Analysis of Scientific Publications in Mathematics <i>Nikita Zhiltsov; Valery Solovyev</i>
	Disambiguating Entity References within an Ontological Model <i>Joachim Kleb; Andreas Abecker</i>
	Tutorial: Description Logic Reasoning for Semantic web ontologies - II (Room: Sogndal 2) <i>Anni-Yasmin Turhan</i>
Sessions WE-3	Poster Session (Main lobby) <i>Session Chair: Sören Auer</i>
17:00 - 18:30	An Iterative Voting Method Based On Word Density For Text Classification <i>Wang Jiaxun; Li Chunping</i>
	A Correlation Analysis of Social Media <i>Konstantinos N. Vavliakis; Konstantina Gemenetzi; Pericles A. Mitkas</i>
	Teacher Education with Share.TEC Web-Based Repository System <i>Dimo Boyadzhiev</i>
	Improving Web Database Search Incorporating Users Query Information <i>Rakesh Rawat; Richi Nayak; Yuefeng Li</i>
	Recommender Systems by means of Information Retrieval <i>Alberto Costa; Fabio Roda</i>
	Semantic Systems Biology: Eeabling Integrative Biology via Semantic Web Technologies

	<p><i>Erick Antezana; Ward Blondé; Aravind Venkatesan; Bernard De Baets; Vladimir Mironov; Martin Kuiper</i></p> <p>The RDF Foundry: Call for an Initiative to Build Enhanced RDF Resources for the Biological Data Integration <i>Aravind Venkatesan; Erick Antezana; Ward Blondé; Mats Skillingstad; M Scott Marshall; Bernard De Baets; Vladimir Mironov; Martin Kuiper</i></p> <p>Optimal Recommender Systems Blending <i>Fabio Roda; Alberto Costa; Leo Liberti</i></p> <p>Linking the (un)Linked Data through backlinks <i>Michalis Stefanidakis; Ioannis Papadakis</i></p> <p>On the Distinctiveness of Tags in Collaborative Tagging Systems <i>André Gohr; Alexander Hinneburg</i></p> <p>Implementation of a New Method for Stemming In Persian Language <i>Asieh Estahbanati; Reza Javidan; Mashalla Abbasi Dezfooli</i></p>
	<p>Late-Breaking News (Room: Sogndal 1) <i>Session Chair: Costin Badica</i></p>
	<p>AdMotional: Towards Personalized Online Ads <i>Manfred Meyer, Markus Balsam, Arlo O'Keeffe, Christian Schlüter, Jens Fendler</i></p> <p>Evaluating Interaction Patterns for Linked Data <i>Rosa Gil, Antonio López-Muzás, Josep Maria Brunetti, Juan Manuel Gimeno, Roberto García</i></p> <p>You Need Only One Clue for Effective Record Segmentation <i>Cheng Wang, Tim Furche, Georg Gottlob, Giovanni Grasso, Giorgio Orsi, Christian Schallhart</i></p> <p>SeSam4: Semi-Semantic Models for Cross-Sector Portals <i>Robert Engels et al.</i></p> <p>User-Centric Mapping for RDFa Web Mining <i>Tewson Seeoun, Rob Brennan, Declan O'Sullivan</i></p> <p>Ontology Extraction from Social Semantic Tags <i>Csaba Veres, Weiqin Chen, Andreas Opdahl, Kristian Johansen</i></p>
19:00 - 20:00	<p>Panel Discussion Semantic Web: What will happen in next 10 years? <i>Moderator: Christian Schallhart</i> <i>Panelists: James Hendler, Sören Auer, Peter Mika, Marko Grobelnik</i></p>
20:00 - 22:00	<p>Welcome Reception</p>

Thursday 26.05.2011

09:00 -
10:00

Keynote Address (Sogndal 2 - Auditorium)

Chair: Svein Ølnes

Making Things Findable

Peter Mika

10:00 -
10:30

Coffee Break

10:30 -
11:30

Keynote Address (Sogndal 2 - Auditorium)

Chair: Robert Engels

Creating Knowledge Out of Interlinked Data

Sören Auer

Sessions
TU-1

Collective and Web Intelligence - I (Room: Sogndal 1)

Session Chair: Marko Grobelnik

11:30 -
13:00

Distributed Agent-Based Ant Colony Optimization for Solving Traveling Salesman Problem on a Partitioned Map

Sorin Ilie; Amelia Badica; Costin Badica

Page Segmentation by Web Content Clustering

Sadet Alciç; Stefan Conrad

A Study on the Impact of Crowd-Based Voting Schemes in the 'Eurovision' European Contest

Gema Bello Orgaz; Raul Cajias; David Camacho

Designing an Architecture for Improving Web Query Processing in Heterogeneous Databases Access

Mohd Kamir Yusof, Ahmad Faisal Amri Abidin, Surayati Usop, Sufian Mat Deris

Intelligent Web & NLP (Room: Sogndal 3)

Session Chair: Alessandro Provetti

Semantic Web and Language Resources for e-Government: Linguistically Motivated Data Mining

Annibale Elia; Daniela Vellutino; Federica Marano; Alberto Maria Langella; Antonella Napoli

Towards automatic thematic sheets based on discursive categories in biomedical literature

Julien Desclés; olfa Makkaoui; Jean-Pierre Desclés

Improving Accessibility to Web Documents for the Aurally Challenged with Sign Language Animation

Jin-Woo Chung; Ho-Joon Lee; Jong C. Park

Tutorial: Utilising Linked Open Data in Applications - I (Room Sogndal 2)

Michael Hausenblas

Perl Hacker's Bootcamp (Room: Group Room 109)

Organisers: Kjetil Kjernsmo and Gregory Todd Williams

13:00 - 14:30	Lunch Break
Sessions TU-2 14:30 - 16:00	Collective and Web Intelligence - II (Room Sogndal 1) <i>Session Chair: Michel Plantié</i>
	Identification of Fine Grained Feature Based Event and Sentiment Phrases from Business News Stories <i>Brett Drury; Jose Joao Almeida</i>
	The Use of Data Mining Techniques in Location-Based Recommender System <i>Nafiseh Shabib; John Krogstie</i>
	A Graph-based Approach to Measuring Semantic Relatedness in Ontologies <i>Ahmad Hawalah; Maria Fasli</i>
	A Register-based Annotation Scheme for CO3H <i>Ritesh Kumar</i>
	Intelligent e-Technologies and the Semantic Web (Room Sogndal 3) <i>Session Chair: Jong C. Park</i>
	Personalisation by Semantic Web Technology in Food Shopping <i>Lillian Hella; John Krogstie</i>
Virtual Knowledge Communities for Semantic Agents <i>Julien Subercaze; Pierre Maret</i>	
Improving Search in Tele-Lecturing: Using Folksonomies as Trigger to Query Semantic Datasets to Extract Additional Metadata <i>Franka Moritz; Maria Siebert; Christoph Meinel</i>	
	Tutorial: Utilising Linked Open Data in Applications - II (Room Sogndal 2) Michael Hausenblas
	Perl Hacker's Bootcamp (Room: Group Room 109) <i>Organisers: Kjetil Kjernsmo and Gregory Todd Williams</i>
16:00 - 16:15	Coffee Break
16:15 - 19:30	Social Event 16:15 Departure from Quality Hotel Sogndal 17:10 Arrival at the Boya glacier 17:40 Departure from the Boya glacier 18:00 Arrival at the Norwegian Glacier Museum in Fjaerland 19:00 Departure from the Norwegian Glacier Museum in Fjaerland 19:30 Arrival at Sogndal
20:00 - 23:00	Conference Dinner (Banquet Hall: Fjøra 1)

Friday 27.05.2011

09:00 - 10:00	Keynote Address (Sogndal 2 - Auditorium) <i>Chair: Pierre Maret</i> Open Social Learning Communities Ashwin Ram
10:00 - 10:30	Coffee Break
10:30 - 11:30	Keynote Address (Sogndal 2 - Auditorium) <i>Chair: David Camacho</i> Many Faces of Text Processing Marko Grobelnik
Sessions FR-1a 11:30 - 13:00	Knowledge Representation Formalisms - I (Room: Sogndal 2a) <i>Session Chair: Chunping Li</i> Semantic Annotations for Modelling Language Interoperability <i>Andreas L Opdahl</i> A solution to the exact match on rare item searches <i>Morten Goodwin</i> SWRL-F - A Fuzzy Logic Extension of the Semantic Web Rule Language <i>Tomasz Wiktor Włodarczyk; Chunming Rong; Marting O'Connor; Mark Musen</i> R2DF Framework for Ranked Path Queries over Weighted RDF Graphs <i>Juan Cedeno; K. Selcuk Candan</i> Large Knowledge Collider - A Service-oriented Platform for Large-scale Semantic Reasoning <i>Alexey Cheptsov; Matthias Assel; Georgina Gallizo; Irene Celino; Daniele Dell'Aglio; Luka Bradeško; Michael Witbrock; Emanuelle Della Valle</i> Social Network Analysis - I (Room: Sogndal 1) <i>Session Chair: Peter Mika</i> Graph Visualization Tool for Twittersphere Users based on a High-Scalable Extract, Transform and Load System <i>Pablo Aragón; Íñigo García; Antonio García</i> Measuring Profile Distance in Online Social Networks <i>Niklas Lavesson; Henric Johnson</i> What have fruits to do with technology? The case of Orange, Blackberry and Apple. <i>Surender Reddy Yerva; Zoltan Miklos; Karl Aberer</i> Tutorial: Just Enough Ontology Engineering- I (Room Sogndal 2b) Paola Di Maio
Session FR-1b 11:30 - 13:00	Workshop: Social Data Mining for Human Behaviour Analysis (SoDaMin) I (Room: Sogndal 3) <i>Chairs: David Camacho and Costin Badica</i> Multiple-Membership Communities Detection in Mobile Networks Nikolai Nefedov

	<p>Optimized K-Means Clustering with Intelligent Initial Centroid Selection for Web Search using URL and Tag Contents <i>S. Poomagal; T. Hamsapriya</i></p> <p>Some Experiences Using Social Networks in Spanish Public Administrations <i>J. Ignacio Criado; Yolanda E-Martín; David Camacho</i></p> <p>Predicting the popularity of online articles based on user comments <i>Alexandru Tatar; Panayotis Antoniadis; Marcelo Dias de Amorim; Jérémie Leguay; Arnaud Limbourg; Serge Fdida</i></p> <p>Applying Gini Coefficient to quantify Scientific Collaboration in Researchers Network <i>Giseli Rabello Lopes; Roberto da Silva; J. Palazzo M. de Oliveira</i></p> <p>Intelligent Social Media <i>Yolanda E-Martin; Angel Moreno; Miguel Doctor; D. Diaz</i></p>
13:00 - 14:30	Lunch Break
Sessions FR-2	Knowledge Representation Formalisms - II (Room: Sogndal 2a) <i>Session Chair: Anni-Yasmin Turhan</i>
14:30 - 16:00	<p>Semantic Web Based Architecture for Managing Hardware Heterogeneity in Wireless Sensor Network <i>Siniša Nikolić; Valentin Penca; Milan Segedinac; Zora Konjović</i></p> <p>Group Decision Making in Ontology Matching <i>Mahdieh Kargar Ghavi; Mohammad Reza Khayyambashi</i></p> <p>Ontological Logic Programming <i>Murat Sensoy; Geeth de Mel; Wamberto Vasconcelos; Timothy Norman</i></p> <p>Prediction of Class and Property Assertions on OWL Ontologies through Evidence Combination <i>Giuseppe Rizzo; Nicola Fanizzi; Claudia d'Amato; Floriana Esposito</i></p>
	Social Network Analysis - II (Room: Sogndal 3) <i>Session Chair: Randi Karlsen</i>
	<p>Mining Social Networks and Their Visual Semantics from Social Photos <i>Michel Crampes; Michel Plantié</i></p> <p>Managing Social Overlay Networks in Semantic Open Enterprise Systems <i>Florian Skopik; Daniel Schall; Schahram Dustdar</i></p> <p>Towards a Framework for Weaving Social Networks Principles into Web Services Discovery <i>Zakaria Maamar; Noura Faci; Youakim Badr; Leandro Krug Wives; Pedro Bispo dos Santos; Djamel Benslimane; José Palazzo Moreira de Oliveira</i></p> <p>Crawling Facebook for Social Network Analysis Purposes <i>Salvatore Catanese; Pasquale De Meo; Emilio Ferrara; Giacomo Fiumara; Alessandro Provetti</i></p>
	Tutorial: Just Enough Ontology Engineering- II (Room Sogndal 2b) <i>Paola Di Maio</i>
16:00 - 16:15	Closing (Sogndal 2 - Auditorium)