

WIMS'11

Conference Program

International Conference on

Web Intelligence, Mining and Semantics

Sogndal, Norway
25—27 May 2011



Organised by

WESTERN NORWAY RESEARCH INSTITUTE
VESTLANDSFORSKING
www.vestforsk.no

About WNRI

Vestlandsforskning is an assignment-based research institute. The institute is organised as a foundation and was established on 6 March 1985. Sogn and Fjordane county municipality was the formal founder. The institute is located in Sogndal on Fosshaugane Campus. The institute has 30 employees and an annual turnover of approximately 24 million NOK.

Regional knowledge intersection

Together, Vestlandsforskning and Sogn and Fjordane University College constitute a collective specialist community, with approximately 200 academic posts. Researchers from the College also participate in projects carried out by Vestlandsforskning.

Core visions

Vestlandsforskning is an international research institute with regional entrenchment. Our vision is the promotion of knowledge development and sharing.

Core values

Vestlandsforskning shall carry out critical and independent research. Transparency is a prerequisite for our knowledge development and sharing. High quality shall be a distinguishing characteristic of all of our activities.

Objectives

Vestlandsforskning shall provide contributions of knowledge of a high quality which shall contribute to greater insight into and innovation and development of policy, administration and value creation. Vestlandsforskning shall participate at the forefront of national and international research, and be an active participant in development in Western Norway.

Financing

Project revenues finance the ordinary operation of Vestlandsforskning. Contributions in the form of basic subsidies shall be dedicated to academic development, project development and quality assurance. At the time of establishment in 1985, Sogn and Fjordane county municipality, the Ministry of Local Government and Regional Development, and 62 banks, companies, municipalities and organisations in the county provided 4 million NOK in funding capital.

Organisation

Vestlandsforskning is headed by a board comprising seven members. Sogn and Fjordane county municipality elects the majority of these, while the Research Council of Norway elects one. The director is responsible for the daily management of the institute. The research areas are organised thematically and are headed by research directors and administrative group leaders.

Competence

Vestlandsforskning has competence in the academic fields of social studies, natural sciences, technology and the humanities.

Quality assurance

Quality assurance is performed by way of academic supervision and control and through a separate internal quality management system for the execution of projects.

About WIMS'11

The International Conference on Web Intelligence, Mining and Semantics (WIMS'11) will be organised under the auspices of Western Norway Research Institute.

This is the first in a new series of conferences concerned with intelligent approaches to transform the World Wide Web into a global reasoning and semantics-driven computing machine. Next conferences in this series, WIMS'12 and WIMS'13, will take place in Craiova (Romania) and Madrid (Spain) respectively.

The purpose of the WIMS'11 is:

- To provide a forum for established researchers and practitioners to present past and current research contributing to the state of the art of Web technology research and applications.
- To give doctoral students an opportunity to present their research to a friendly and knowledgeable audience and receive valuable feedback.
- To provide an informal social event where Web technology researchers and practitioners can meet.

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Welcome

The Organizing Committee welcomes you to Sogndal, Norway and the First International Conference on Web Intelligence, Mining and Semantics. We have an exciting three days planned. There will be 44 oral presentations, 11 posters, 5 distinguished keynote speakers, 3 tutorials, 1 workshop, panel discussion and a noteworthy hacker's bootcamp. Since the WIMS conference series will be the one meeting that brings together the world's Web community, we will spend plenty of time for renewing old friendships, making new friends, and networking. This includes the Wednesday evening welcoming reception, Wednesday's poster session, and Thursday's social event and gala banquet.

Many people have put in long hours to make WIMS come to life. The list is too long to recognize everyone here, but we want to thank the WIMS'11 Advisory Committee, Program Committee, and the conference Secretariat housed at WNRI. We want to offer a special thanks to the Research Council of Norway and the conference's sponsors and supporters, whose generous support have allowed us to plan such an ambitious meeting.

In closing, we thank you for participating in WIMS'11 and we hope you enjoy the next three days.

- Local Organising Committee

Conference at a Glance

Wednesday 25.05.2011

09:30 - 10:30	Registration (Main lobby)
10:45 - 11:00	Opening (Sogndal 2 - Auditorium)
11:00 - 12:00	Keynote Address (Sogndal 2 - Auditorium)
12:00 - 13:30	Lunch Break
Sessions WE-1	Technical Session – 1 (Room: Sogndal 1)
13:30 - 15:00	Technical Session – 2 (Room: Sogndal 3)
	Tutorial – 1 (Room: Sogndal 2)
15:00 - 15:30	Coffee Break
Sessions WE-2	Technical Session – 3 (Room: Sogndal 1)
15:30 - 17:00	Technical Session – 4 (Room: Sogndal 3)
	Tutorial -1 (Room: Sogndal 2)
Sessions WE-3	Poster Session (Main lobby)
17:00 - 18:30	Late-Breaking News (Room: Sogndal 1)
19:00 - 20:00	Panel Discussion
20:00 – 22:00	Welcome Reception

Thursday 26.05.2011

09:00 - 10:00	Keynote Address (Sogndal 2 - Auditorium)
10:00 - 10:30	Coffee Break
10:30 - 11:30	Keynote Address (Sogndal 2 - Auditorium)
Sessions TU-1	Technical Session – 5 (Room: Sogndal 1)
11:30 - 13:00	Technical Session – 6 (Room: Sogndal 3)
	Tutorial 2 (Room: Sogndal 2)
	Perl Hacker's Bootcamp (Room: Group Room 109)

13:00 - 14:30	Lunch Break
Sessions TU-2 14:30 - 16:00	Technical Session – 7 (Room Sogndal 1)
	Technical Session – 8 (Room Sogndal 3)
	Tutorial 2 (Room: Sogndal 2)
	Perl Hacker's Bootcamp (Room: Group Room 109)
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)
10:00 - 10:30	Coffee Break
10:30 - 11:30	Keynote Address (Sogndal 2 - Auditorium)
Sessions FR-1 11:30 - 13:00	Technical Session - 9 (Room: Sogndal 2)
	Technical Session – 10 (Room: Sogndal 1)
	Workshop
13:00 - 14:30	Lunch Break
Sessions FR-2 14:30 - 16:00	Technical Session -11 (Room: Sogndal 2)
	Technical Session - 12 (Room: Sogndal 3)
	Workshop
16:00 - 16:15	Closing (Sogndal 2 - Auditorium)

Conference Hotel Floor Plan

Quality Hotel Sogndal

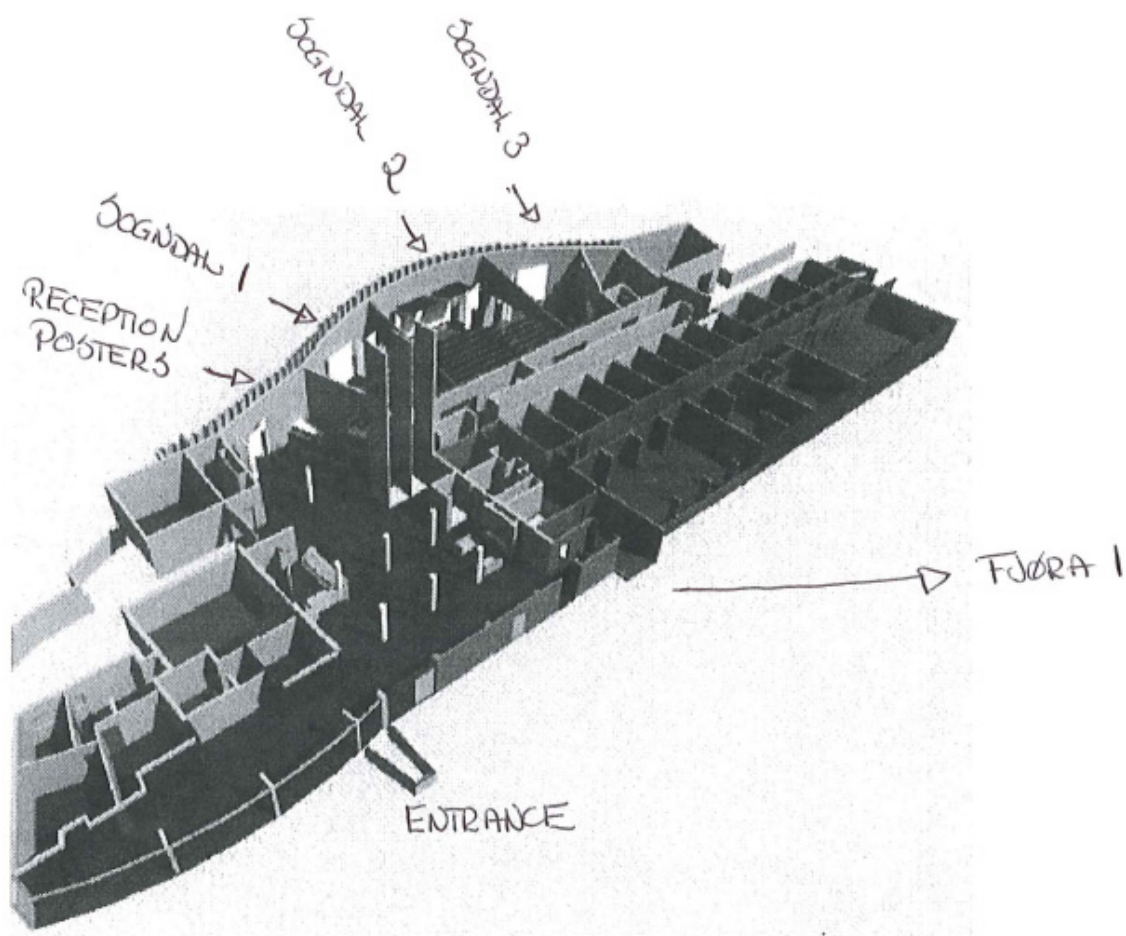
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Keynote Addresses

The Semantic Web 10th Year Update

The talk will be based on the fact that the Scientific American article by Tim Berners-Lee, Ora Lassila and James Hendler was published on May 21, 2001. The WIMS'11 conference is an appropriate event to reflect on the 10 years - successes and misses.

James Hendler is Tetherless World Professor of Computer and Cognitive Science, and the Assistant Dean for Information Technology, at Rennselaer. He also serves as the Associate Director of the Web Science Research Initiative headquartered at MIT and is a visiting Professor at the Institute of Creative Technology at DeMontfort University in Leicester, UK. Hendler has authored about 200 technical papers in the areas of artificial intelligence, Semantic Web, agent-based computing and high performance processing. One of the inventors of the "Semantic Web," Hendler was the recipient of a 1995 Fulbright Foundation Fellowship and is a Fellow of the American Association for Artificial Intelligence and the British Computer Society. He is the Editor-in-Chief emeritus of IEEE Intelligent Systems and is the first computer scientist to serve on the Board of Reviewing Editors for Science.



Open Social Learning Communities

With the advent of open education resources, social networking technologies and new pedagogies for online and blended learning, we are in the early stages of a significant disruption in current models of education. The disruption is fueled by a staggering growth in demand. It is estimated that there will be 100 million students qualified to enter universities over the next decade. To educate them, a major university would need to be created every week.

Universities have responded to this need with Open Education Resources—thousands of free, high quality courses, developed by hundreds of faculty, used by millions worldwide. Unfortunately, online courseware does not offer a supporting learning experience or the engagement needed to keep students motivated. Students read less when using e-textbooks; video lectures are boring; and retention and course completion rates are low.

Therein lies the core problem: How to engage a generation of learners who live on the Internet yet tune out of school, who seek interaction on Facebook yet find none on iTunes U, who need community yet are only offered content. We propose a new approach to this problem: open social learning communities anchored with open content, providing an interactive online study group experience akin to sitting with study buddies on a world-wide campus quad.

This solution is enabled by state-of-the-art web technologies: really real-time collaboration technologies for a highly interactive experience; intelligent recommender systems to help learners connect with relevant content and other learners; mining and analytics to assess learner outcomes; and reputation techniques to establish social capital. We will discuss these technologies and how they can be combined to address the problem of education in a manner that is highly scalable yet interactive and engaging. This talk represents joint work with Preetha Ram (Emory University), Hua Ai (Georgia Tech), Chris Sprague (OpenStudy), and Saurav Sahay (Georgia Tech).

Ashwin Ram is Director of the Cognitive Computing Lab and Associate Professor in the College of Computing at Georgia Tech, and an Adjunct Professor in Psychology at Georgia Tech and in MathCS at Emory University. He received his PhD from Yale University in 1989, his MS from University of Illinois in 1984, and his BTech from IIT Delhi in 1982. He has published 2 books and over 100 scientific articles in international forums. He is a founder of Enkia Corporation which develops AI software for social media applications, and OpenStudy.com which is an online social learning network for students and faculty.



Many Faces of Text Processing

Why people process text with computers? It all started many years ago, with the main goal in minds of researchers, to understand the text. In the meantime, the area of text processing developed in many different directions whereby the original goals were often forgotten. Funny enough, it seems, in several decades of computerized processing of textual data, the solution to the 'text understanding' problem didn't evolve much compared to some other, easier and often more profitable problems to deal with (such as information retrieval/search, machine translation or information extraction). In this paper we touch various aspects of text processing along several dimensions: (a) how we represent the textual data, (b) what kind of algorithms and techniques we use, and (c) what kind of problems we solve on the top of text. Finally, it is interesting to observe various research communities dealing with textual data in different ways. Most of them are still rather fragmented and don't learn enough from each other - many of the ideas developed within one community don't cross borders of that community for too long.

Marko Grobelnik is an expert in analysis of large amounts of complex data with the purpose to extract useful knowledge. In particular, the areas of expertise comprise: Data Mining, Text Mining, Information Extraction, Link Analysis, and Data Visualization as well as more integrative areas such as Semantic Web, Knowledge Management and Artificial Intelligence. Apart from research on theoretical aspects of unconventional data analysis techniques, he has valuable experience in the field of practical applications and development of business solutions based on the innovative technologies. Marko was employed as a researcher first, at the Computer Science Department at University of Ljubljana and later at the Department of Knowledge Technologies at J. Stefan Institute, Ljubljana, Slovenia. His main achievements are from the field of Text-Mining, having a leading role at research and development projects funded by European Commission, having projects with industries including Slovenian publishing house, Slovenian National and University Library and companies such as Microsoft Research. He has published papers in refereed conferences and journals, served in program committee of international conferences and organized a series of international events in the area of Text Mining, Link Analysis and Data Mining.



Making Things Findable

The publishing of original content on the Web and later, Web search have developed into two of the most profitable sources of business on the Web, supported by revenue from display advertizing and search advertizing, respectively. Despite a traditional separation, what we can observe on the Web today is a gradual blurring of the lines between these two businesses as search engines gradually integrate more and more structured content, and online publishers turn to methods of search for customizing user experiences. This brings both opportunities and a new set of challenges in applying semantic technologies.

Peter Mika is a researcher and data architect at Yahoo! Research in Barcelona, working on the applications of semantic technology to Web search. His interdisciplinary work in social networks and the Semantic Web earned him a Best Paper Award at the 2005 International Semantic Web Conference and a First Prize at the 2004 Semantic Web Challenge. From 2006 to 2009, he has been a co-chair of the Semantic Web Challenge. Mika is the youngest member elected to the editorial board of the Journal of Web Semantics. He is the author of the book 'Social Networks and the Semantic Web' (Springer, 2007). In 2008 he has been selected as one of "AI's Ten to Watch" by the editorial board of the IEEE Intelligent Systems journal.



Creating Knowledge Out of Interlinked Data

Over the past 4 years, the semantic web activity has gained momentum with the widespread publishing of structured data as RDF. The Linked Data paradigm has therefore evolved from a practical research idea into a very promising candidate for addressing one of the biggest challenges in the area of the Semantic Web vision: the exploitation of the Web as a platform for data and information integration. To translate this initial success into a world-scale reality, a number of research challenges need to be addressed: the performance gap between relational and RDF data management has to be closed, coherence and quality of data published on the Web have to be improved, provenance and trust on the Linked Data Web must be established and generally the entrance barrier for data publishers and users has to be lowered. This talk will discuss approaches for tackling these challenges and their integration into a mutual refinement cycle - the "linked data washing machine".

Sören Auer leads the research group Agile Knowledge Engineering and Semantic Web (AKSW) at Universität Leipzig. His research interests include semantic data web technologies, knowledge representation, engineering & management, as well as databases and information systems. He is author of over 50 peer-reviewed scientific publications. Sören is leading the large-scale integrated EU-FP7-ICT research project "LOD2 - Creating Knowledge out of Interlinked Data". Sören is founder (respectively co-founder) of several high-impact research and community projects such as the Wikipedia semantification project DBpedia or the social Semantic Web toolkit OntoWiki. He is co-organiser of several workshops, programme chair of I-Semantics 2008, OKCON 2010, ESWC 2010 and ICWE 2011, area editor of the Semantic Web Journal, serves as an expert for industry, the European Commission, the W3C and is member of the advisory board of the Open Knowledge Foundation.



Conference Program Details

Wednesday 25.05.2011

09:30 - 10:30	Registration (Main lobby)
10:45 - 11:00	Opening (Sogndal 2 - Auditorium) Agnes Landstad <i>Managing Director, WNR</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	Web Information Search & Retrieval- I (Room: Sogndal 1) <i>Session Chair: Nicola Fanizzi</i>
13:30 - 15:00	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 IJntema; Flavius Frasincar; 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 voidD <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 17:00 - 18:30	Poster Session (Main lobby) <i>Session Chair: Sören Auer</i>
	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 <i>Erick Antezana; Ward Blondé; Aravind Venkatesan; Bernard De Baets; Vladimir Mironov; Martin Kuiper</i>
	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>
	Optimal Recommender Systems Blending <i>Fabio Roda; Alberto Costa; Leo Liberti</i>
	Linking the (un)Linked Data through backlinks <i>Michalis Stefanidakis; Ioannis Papadakis</i>

On the Distinctiveness of Tags in Collaborative Tagging Systems*André Gohr; Alexander Hinneburg***Implementation of a New Method for Stemming In Persian Language***Asieh Estahbanati; Reza Javidan; Mashalla Abbasi Dezfooli***Late-Breaking News (Room: Sogndal 1)***Session Chair: Costin Badica***AdMotional: Towards Personalized Online Ads***Manfred Meyer, Markus Balsam, Arlo O'Keeffe, Christian Schlüter, Jens Fendler***Evaluating Interaction Patterns for Linked Data***Rosa Gil, Antonio López-Muzás, Josep Maria Brunetti, Juan Manuel Gimeno, Roberto García***You Need Only One Clue for Effective Record Segmentation***Cheng Wang, Tim Furche, Georg Gottlob, Giovanni Grasso, Giorgio Orsi, Christian Schallhart***SeSam4: Semi-Semantic Models for Cross-Sector Portals***Robert Engels et al.***User-Centric Mapping for RDFa Web Mining***Tewson Seeoun, Rob Brennan, Declan O'Sullivan***Ontology Extraction from Social Semantic Tags***Csaba Veres, Weiqin Chen, Andreas Opdahl, Kristian Johansen*19:00 -
20:00**Panel Discussion***Semantic Web: What will happen in next 10 years?**Moderator: Christian Schallhart**Panelists: James Hendler, Sören Auer, Peter Mika, Marko Grobelnik*20:00 -
22:00**Welcome Reception**

Thursday 26.05.2011

09:00 - 10:00	Keynote Address (Sogndal 2 - Auditorium) <i>Chair: Svein Ølnes</i> <i>Making Things Findable</i> Peter Mika
10:00 - 10:30	Coffee Break
10:30 - 11:30	Keynote Address (Sogndal 2 - Auditorium) <i>Chair: Robert Engels</i> <i>Creating Knowledge Out of Interlinked Data</i> Sören Auer
Sessions TU-1 11:30 - 13:00	Collective & Web Intelligence- I (Room: Sogndal 1) <i>Session Chair: Marko Grobelnik</i> Distributed Agent-Based Ant Colony Optimization for Solving Traveling Salesman Problem on a Partitioned Map <i>Sorin Ilie; Amelia Badica; Costin Badica</i> Page Segmentation by Web Content Clustering <i>Sadet Alciç; Stefan Conrad</i> A Study on the Impact of Crowd-Based Voting Schemes in the 'Eurovision' European Contest <i>Gema Bello Orgaz; Raul Cajias; David Camacho</i> Designing an Architecture for Improving Web Query Processing in Heterogeneous Databases Access <i>Mohd Kamir Yusof, Ahmad Faisal Amri Abidin, Surayati Usop, Sufian Mat Deris</i> Intelligent Web & NLP (Room: Sogndal 3) <i>Session Chair: Alessandro Provetti</i> Semantic Web and Language Resources for e-Government: Linguistically Motivated Data Mining <i>Annibale Elia; Daniela Vellutino; Federica Marano; Alberto Maria Langella; Antonella Napoli</i> Towards automatic thematic sheets based on discursive categories in biomedical literature <i>Julien Desclés; olfa Makkaoui; Jean-Pierre Desclés</i> Improving Accessibility to Web Documents for the Aurally Challenged with Sign Language Animation <i>Jin-Woo Chung; Ho-Joon Lee; Jong C. Park</i> Tutorial: Utilising Linked Open Data in Applications - I (Room Sogndal 2) Michael Hausenblas Perl Hacker's Bootcamp (Room: Group Room 109) <i>Organisers: Kjetil Kjernsmo and Gregory Todd Williams</i>
13:00 - 14:30	Lunch Break

Sessions TU-2	Collective & Web Intelligence- II (Room Sogndal 1) <i>Session Chair: Michel Plantié</i>
14:30 - 16:00	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>
16:00 - 16:15	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>
	<i>Tutorial:</i> Utilising Linked Open Data in Applications - II (Room Sogndal 2) <i>Michael Hausenblas</i>
	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 Glacier Museum in Fjaerland 19:30 Arrival at Sogndal 
20:00 - 23:00	Conference Dinner (Banquet Hall: Fjora 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	Knowledge Representation Formalisms - I (Room: Sogndal 2a) <i>Session Chair: Chunping Li</i>
11:30 - 13:00	Semantic Annotations for Modelling Language Interoperability <i>Andreas L Opdahl</i>
	A solution to the exact match on rare item searches Morten Goodwin
	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 Cedenio; 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	Workshop: Social Data Mining for Human Behaviour Analysis (SoDaMin) I (Room: Sogndal 3) <i>Chairs: David Camacho and Costin Badica</i>
11:30 - 13:00	Multiple-Membership Communities Detection in Mobile Networks Nikolai Nefedov

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

Supporters



Research Council of Norway



Bouvet



Talis, U.K.



Linked Open Data Around-The-Clock (LATC),
FP7 ICT Challenge 4; it is a publicly funded project



Semantic Web Company, Austria

Banquet Menu

Menus with local raw material



Marinated venison roastbeef

Lime and applesalade

Wine: Campo Viejo Grand Reserva (Spain, rioja)

Oven baked monkfish

Caught in the Sognefjord, served with glazed root vegetables, asparagus, balsamic marinated tomatoconfit, buerre balance sauce, potatoes- and celery root puree

Wine: Sauvignon ST bris (France, Burgund)

Raspberrysorbèt from Feios

Peanut brownies

Wine: Muscat beumes de venise (France)