eswc14

11th ESWC 2014

MAY 25TH - 29TH, 2014

HERAKLION, CRETE, GREECE

GENERAL CHAIR
Valentina Presutti | STLab ISTC-CNR, IT

PROGRAM CHAIRS
Fabien Gandon | Wimmics, Inria, I3S, CNRS, Univ. Nice Sophia Antipolis, FR
Claudia d'Amato | Department of Computer Science, University of Bari, IT

LOCAL CHAIR
Irini Fundulaki | Institute of Computer Science - FORTH, GR

2014.eswc-conferences.org

Brought to you by: STI · INTERNATIONAL

Table of Contents

Organization

ORGANIZING COMMITTEE

GENERAL CHAIR

Valentina Presutti
STLab ISTC-CNR, IT

PROGRAM CHAIRS

Fabien Gandon
Wimmics, Inria, I3S, CNRS,
Univ. Nice Sophia Antipolis,
FR

Claudia d'Amato
Department of Computer
Science, University of Bari,
IT

LOCAL CHAIR

Irini Fundulaki
Institute of Computer
Science - FORTH, GR

POSTER AND DEMO CHAIRS

Raphaël Troncy
Multimedia Department,
EURECOM, FR

Eva Blomqvist
Department of Computer
and Information Science,
Linköping University, SE

WORKSHOP CHAIR

Harald Sack
Hasso-Plattner-Institute for
IT Systems Engineering,
Univ. Potsdam, Germany, DE

TUTORIAL CHAIR

Nathalie Aussenac-Gilles
MELODI, IRIT - CNRS,
Université de Toulouse, FR

PHD SYMPOSIUM CHAIRS

Steffen Staab
Institute for Web Science
and Technologies - WeST,
Univ. Koblenz-Landau, DE

Mathieu d'Aquin
Knowledge Media Institute,
The Open University, UK

CHALLANGES COORDINATOR
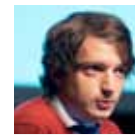
Milan Stankovic
Université Paris-Sorbonne,
STIH & Sépage, FR

SEMANTIC TECHNOLOGIES COORDINATORS

Andrea Giovanni Nuzzolese
University of Bologna/
STLab ISTC-CNR, IT

Anna Lisa Gentile
University of Sheffield, UK

Maribel Acosta Deibe
Karlsruhe Institute of
Technology, DE

Luca Costabello
Inria, FR

Alessio Iabichella
STLab ISTC-CNR, IT

EU PROJECT NETWORKING SESSION CHAIRS

Mari Carmen Suarez-Figueroa
Universidad Politecnica de
Madrid, ES

Sergio Consoli
STLab ISTC-CNR, IT

PUBLICITY CHAIR

Silvio Peroni
Department of Computer Science
and Engineering, University of
Bologna / STLab ISTC-CNR, IT

PROCEEDINGS CHAIR

Anna Tordai
Elsevier B.V.,
Amsterdam, NL

SPONSOR CHAIRS

Axel-C. Ngonga Ngomo
University of Leipzig, DE

Achim Rettinger
Karlsruhe Institute of
Technology, DE

TREASURER

Ioan Toma
STI International, AT

LOCAL ORGANIZATION AND CONFERENCE ADMINISTRATION

Martina Hartl
youvivo GmbH, DE

Edith Leitner
youvivo GmbH, DE

WEBSITE ADMINISTRATOR

Serge Tymaniuk
STI International, AT

Programm Committee

TRACK CHAIRS

VOCABULARIES, SCHEMAS, ONTOLOGIES
Maria Keet | University of KwaZulu-Natal, South Africa, SA
Jérôme Euzenat | Inria & LIG, FR

REASONING
Thomas Lukasiewicz | University of Oxford, UK
Sebastian Rudolph | Technische Universität Dresden, DE

LINKED OPEN DATA
Laura Hollink | Vrije Universiteit Amsterdam, NL
Vojtech Svatek | University of Economics, CZ

SOCIAL WEB AND WEB SCIENCE
Matthew Rowe | Lancaster University, UK

**SEMANTIC DATA MANAGEMENT,
BIG DATA, SCALABILITY**
Maria-Esthel Vidal | Universidad Simón Bolivar, VE
Jacopo Urbani | Vrije Universiteit Amsterdam, NL

**NATURAL LANGUAGE PROCESSING AND
INFORMATION RETRIEVAL**
Elena Montiel-Ponsoda | Universidad Politécnica de Madrid, ES
Diana Maynard | University of Sheffield, UK

MACHINE LEARNING
Nicola Fanizzi | University of Bari, IT
Agnieszka Lawrynowicz | Poznan University of Technology, PL

MOBILE WEB, SENSORS AND SEMANTIC STREAMS
Payam Barnaghi | University of Surrey, UK
Kerry Taylor | CSIRO, AU

SERVICES, PROCESSES AND CLOUD COMPUTING
Matthias Klusch | DFKI, DE
Freddy Lecue | IBM Research, Smarter City Technology Centre, Dublin, IE

COGNITION AND SEMANTIC WEB
Aldo Gangemi | University of Paris 13/ISTC-CNR, FR
Krzysztof Janowicz | University of California, US

SEMANTIC WEB POLICIES, RIGHTS AND GOVERNANCE
Renato Iannella | Semantic Identity, AU
Pompeu Casanovas | Universitat Autònoma de Barcelona, ES

SEMANTIC MULTIMEDIA WEB
Massimo Romanelli | Attensity EUROPE GmbH, DE
Stefan Rüger | Knowledge Media Institute, The Open University, UK

IN-USE & INDUSTRIAL TRACK
Evelyne Viegas | Microsoft Research, US

SEMANTIC WEB EVALUATION CHALLENGE CHAIRS

CONCEPT-LEVEL SENTIMENT ANALYSIS CHALLENGE

Erik Cambria | National University of Singapore, SG
Diego Reforgiato | STLab ISTC-CNR, IT

LINKED OPEN DATA-ENABLED RECOMMENDER SYSTEMS CHALLENGE

Ivan Cantador | Universidad Autónoma de Madrid, ES
Tommaso Di Noia | Polytechnic University of Bari, IT

SEMANTIC PUBLISHING CHALLENGE

Angelo Di Iorio | University of Bologna, IT
Christoph Lange | University of Birmingham, UK

STEERING COMMITTEE

Chair
John Domingue | The Open University, UK & STI International, AT

Members
Grigoris Antoniou | Forth, GR
Lora Aroyo | VU University of Amsterdam, NL
Philipp Cimiano | Bielefeld University, DE
Oscar Corcho | UPM, ES
Marko Grobelnik | JSI, SI
Eero Hyvönen | Aalto University, FI
Axel Polleres | Siemens, AT
Elena Simperl | University of Southampton, UK

REVIEWERS (ALL TRACKS)

Sven Abels
Benjamin Adams
Eneko Agirre
Guadalupe Aguado-De-Cea
Harith Alani
José Luis Ambite
Soa Angeletou
Kemafor Anyanwu
Marcelo Arenas
Lora Aroyo
Ioannis N. Athanasiadis
Nathalie Aussenac-Gilles
Jean-Fran7cois Baget
Claudio Baldassarre
Jie Bao
Pierpaolo Basile
Zohra Bellahsene
Paolo Bellavista
Bettina Berendt
Michael K. Bergman
Elisa Bertino
Isabelle Bichindaritz
Antonis Bikakis
Christian Bizer
Fernando Bobillo
Alexander Boer
Uldis Bojars
Piero Bonatti
Stefano Borgo
Gosse Bouma

Paolo Bouquet
Charalampos Bratsas
John Breslin
Christopher Brewster
Michel Buffa
Christoph Bussler
Elena Cabrio
Jean-Paul Calbimonte
Andrea Cali
Amparo E. Cano
David Carral
Gerard Casamayor
Nuria Casellas
Pierre-Antoine Champin
Jean Charlet
Vinay Chaudhri
Gong Cheng
Philipp Cimiano
Michael Compton
Mariano Consens
Bonaventura Coppola
Olivier Corby
Oscar Corcho
Fabio Gagliardi Cozman
Isabel Cruz
Philippe Cudré-Mauroux
Olivier Curé Carlos Damasio
Danica Damljanovic
Florian Daniel
Jérôme David

John Davies
Brian Davis
Ernesto William De Luca
Stefan Decker
Jaime Delgado
Emanuele Della Valle
Gianluca Demartini
Leon Derczynski
Ian Dickinson
Stefan Dietze
Leigh Dodds
Wlodek Drabent
David Duce
Michel Dumontier
Guillaume Ereteo
Vadim Ermolayev
Sebastian Ewert
James Fan
Catherine Faron Zucker
Miriam Fernandez
Alberto Fernandez Gil
Tim Finin
Sergio Flesca
Kenneth Forbus
Enrico Francesconi
Flavius Frasincar
Fred Freitas
Roberto Garcia
Andrs Garca-Silva
Anna Lisa Gentile
Manolis Gergatsoulis
Chiara Ghidini
Alain Giboin

Claudio Giuliano
François Goasdoué
José Manuel Gómez-Pérez
Jorge González-Conejero
John Goodwin
Guido Governatori
Jorge Gracia
Tom Grahame
Michael Granitzer
Alasdair J G Gray
Gregory Grefenstette
Ruediger Grimm
Gunnar Aastrand Grimnes
Paul Groth
Tudor Groza
Michael Gruninger
Gerd Gröner
Giancarlo Guizzardi
Cathal Gurrin
Christophe Guéret
Peter Haase
Harry Halpin
Siegfried Handschuh
Andreas Harth
Olaf Hartig
Oktie Hassanzadeh
Tom Heath
Johannes Heinecke
Sebastian Hellmann
Martin Hepp
Stijn Heymans
Pascal Hitzler
Rinke Hoekstra

Aidan Hogan
Matthew Horridge
Andreas Hotho
Dirk Hovy
Eero Hyvönen
Giovambattista Ianni
Antoine Isaac
Robert Isele
Pramod Jamkhedkar
Anja Jentzsch
Robert Jäschke
Lalana Kagal
Pavan Kapanipathi
Kristian Kersting
Hak Kim
Ross King
Pavel Klinov
Roman Kontchakov
Spyros Kotoulas
Manolis Koubarakis
Udo Kruschwitz
Markus Krötzsch
Birgitta König-Ries
Patrick Lambrix
Ulrich Lampe
Christoph Lange
Arnaud Le Hors
Danh Le Phuoc
Michel Leclère
Jens Lehmann
Domenico Lembo
Wenwen Li
Jean Lieber

Thorsten Liebig
Dong Liu
Yong Liu
Vanessa Lopez
Heiko Ludwig
Joao Magalhaes
Frederick Maier
Ioana Manolescu
Mercedes Martinez-Gonzalez
Wolfgang May
John P. Mccrae
Alexander Mehler
Roger Menday
Pablo Mendes
Peter Mika
Alessandra Mileo
Riichiro Mizoguchi
Dunja Mladenic
Pascal Molli
Alexandre Monnin
Mikolaj Morzy
Ralf Möller
Roberto Navigli
Adeline Nazarenko
Matteo Negri
Axel-Cyrille Ngonga Ngomo
Matthias Nickles
Nadeschda Nikitina
Andriy Nikolov
Malvina Nissim
Andrea Giovanni Nuzzolese
Alessandro Oltramari
Ugo Pagallo

Matteo Palmonari
Jeff Pan
Heiko Paulheim
Terry Payne
Carlos Pedrinaci
Tassilo Pellegrini
Silvio Peroni
Rafael Peñaloza
H. Soa Pinto
Marta Poblet
Axel Polleres
Valentina Presutti
Guilin Qi
Yuzhong Qu
Jorge-Arnulfo Quiane-Ruiz
Yves Raimond
Dnyanesh Rajpathak
Chantal Reynaud
German Rigau
Giuseppe Rizzo
Vctor Rodríguez Doncel
Riccardo Rosati
Marie-Christine Rousset
Catherine Roussey
Edna Ruckhaus
Carlos Ruiz
Marta Sabou
Harald Sack
Kurt Sandkuhl
Giovanni Sartor
Felix Sasaki
Kai-Uwe Sattler
Uli Sattler

Sebastian Schaert
Bernhard Schandl
Francois Scharffe
Thomas Scharrenbach
Simon Scheider
Ansgar Scherp
Christoph Schlieder
Stefan Schlobach
Ute Schmid
Thomas Schneider
Stefan Schulte
Frederique Segond
Juan F. Sequeda
Luciano Serafini
Bariş Sertkaya
Amit Sheth
Pavel Shvaiko
Kiril Simov
Elena Simperl
Sergios Soursos
Biplav Srivastava
Steen Staab
Milan Stankovic
Yannis Stavrakas
Thomas Steiner
Armando Stellato
Giorgos Stoilos
Umberto Straccia
Markus Strohmaier
Heiner Stuckenschmidt
Fabian M. Suchanek
Mari Carmen Suárez-Figueroa
Ondřej Šváb-Zamazal

Marcin Sydow
Jeni Tennison
Matthias Thimm
Andreas Thor
Thanassis Tiropanis
Ioan Toma
Sara Tonelli
Alessandra Toninelli
Farouk Toumani
Thanh Tran
Raphaël Troncy
Anni-Yasmin Turhan
Joerg Unbehauen
Christina Unger
Alejandro A. Vaisman
Herbert Van De Sompel
Willem Robert Van Hage
Frank Van Harmelen
Pierre-Yves Vandenbussche
Joaquin Vanschoren
Daniel Vila-Suero
Serena Villata
Boris Villazon-Terrazas
Johanna Voelker
Piek Vossen
Kewen Wang
Shenghui Wang
Wei Wang
Rigo Wenning
Erik Wilde
Cord Wiljes
Gregory Todd Williams
René Witte

Adam Wyner
Josiane Xavier Parreira
Fouad Zablith
John Zeleznikow
Ziqi Zhang
Jun Zhao
Antoine Zimmermann

ADDITIONAL REVIEWERS

Zahid Abul-Basher
Mario Alviano
Pramod Anantharam
Patrick Arnold
Ghislain Auguste Atemezing
Judie Attard
Konstantina Bereta
David Berry
Camila Bezerra
Stefano Bortoli
Alessander Botti Benevides
Martin Brümmer
Janez Brank
Carlos Buil Aranda
Claudio Caletti
Delroy Cameron
Stephane Campinas
Annalina Caputo
Michelle Cheatham
Michel Chein
Jules Chevalier
Anna Corazza
Matthew Damigos
Prajit Das
Maxim Davidovsky
Brian Davis
Andre de Oliveira Melo
Steven De Rooij
Jeremy Debattista
Auriol Degbelo
Renaud Delbru

Djellel Eddine Difallah
Zlatan Dragisic
Fabien Duchateau
Alistair Duke
Lorena Etcheverry
Javier D. Fernández
Daniel Fleischhacker
Giorgos Flouris
Andre Freitas
Riccardo Frosini
Mouzhi Ge
Leticia Gomez
Thomas Gottron
Anika Groß
Martin Grund
Konrad Höner
Alice Hermann
Luis Daniel Ibáñez
Armen Inants
Valentina Ivanova
Nophadol Jekjantuk
Amit Joshi
Fabrice Jouanot
Natalya Keberle
Sabrina Kirrane
Bettina Klimek
Matthias Knorr
Magnus Knuth
George Konstantinidis
Dimitris Kontokostas
Seifeddine Kramdi

Adila A. Krisnadhi
Sarasi Lalithsena
Daniel Lamprecht
Chang Liu
Esther Lozano
Andy Luecking
Marco Manna
Flavio Martins
Christian Meilicke
Robert Meusel
Gabriela Montoya
Vinh Nguyen
Christos Nomikos
Blaž Novak
Özgür Lütfü Özçep
Tope Omitola
Filipa Peleja
Giulio Petrucci
Christoph Pinkel
Simone Paolo Ponzetto
Riccardo Porrini
Freddy Priyatna
Roman Prokofyev
Behrang Qasemizadeh
Venkat Raghavan Ganesh
Padmashree Ravindra
Yuan Ren
Laurens Rietveld
Bene Rodriguez-Castro
Anisa Rula
Hassan Saif

Reza Samavi
Brahmananda Sapkota
Victor Saquicela
Bahar Sateli
Luigi Sauro
Christin Seifert
Oshani Seneviratne
Philipp Singer
Hala Skaf-Molli
Panayiotis Smeros
Tadej Štajner
Nadine Steinmetz
Kurt Uwe Stoll
Jeni Tennison
Konstantin Todorov
Alberto Tonon
Jürgen Umbrich
Tim Vor der Brück
Joerg Waitelonis
Simon Walk
Xin Wang
Zhe Wang
Honghan Wu
Marcin Wylot
Roberto Yus
Stamatis Zampetakis
Lei Zhang
Yuting Zhao

PHD SYMPOSIUM REVIEWERS

Alessandro Adamou
Ehsan Asgarian
Nathalie Aussenac-Gilles
Kai Barkschat
Behshid Behkamal
Rathachai Chawuthai
Pieter Colpaert
Oscar Corcho
Philippe Cudré-Mauroux
Aldo Gangemi
Chiara Ghidini
Rakebul Hasan
Sumera Hayat
Cheikh Kacfah Emani
Robin Keskisärkkä
Ananthi M
Mohamed Mouhoub
Tamer Omar
Sergio Oramas
Guillermo Palma
Je Z. Pan
Dimitris Plexousakis
Sebastian Rudolph
John Samuel
Ansgar Scherp
Stefan Schlobach
Heiner Stuckenschmidt
Vojtěch Svátek
Ricardo Usbeck
Frank van Harmelen

Additional Reviewers
Mauro Dragoni
Giorgos Flouris
Kyriakos Kritikos

Introduction

Valentina Presutti
General Chair

After the nice experience in Montpellier, we are back to the sunny Crete, where an exciting conference program is waiting for us!

The main scientific program of the conference comprises 50 paper presentations (41 research and 9 in-use) completed by demonstration and poster presentations. In addition, the conference program includes 13 workshops, 8 tutorials, as well as a PhD Symposium (with 11 paper presentations), the AI Mashup Challenge, the LinkedUp Challenge, the Semantic Web Evaluation Track (featuring 3 challenges), the EU Project Networking Session and a panel on "Data Protection and Security on the Web". Last but not least, we will attend three inspiring and visionary keynote presentations.

This year edition can be described with the following keywords: visionary, advancing, pioneering, trendy.

Visionary, as we have three keynote speakers that bring three very different and inspiring views on the future of the Semantic Web. Steffen Staab (Universität Koblenz-Landau), advocating for the need of new programming paradigms for dealing with the nature of the Semantic Web; Luciano Floridi (University of Oxford), who challenges our community with a vision of a Semantic Web as a means for predicting and manipulating autonomous choices; and Lise Getoor (University of Maryland), who shows us how optimization methods can support turning large-scale data into knowledge.

Advancing, as we have extended an already excellent scientific program with a new track named "Semantic Web Evaluation" (SemWebEval). The aim of this track is to provide a clear reference to the state of the art on specific Semantic Web tasks, and favor the spreading of proper empirical approaches for their future advancement. SemWebEval features three challenges, each of which rigorously defines a number of Semantic Web tasks and accompany them with their evaluation datasets and criteria. This year we have had a total of 10 tasks addressing three main topics: Semantic Publishing, Concept-Level Sentiment Analysis, and Linked Open Data-enabled Recommender Systems.
The description of tasks, datasets and evaluation criteria together with their best results will be published as part of a Semantic Web Journal special issue.

Pioneering, as we have decided to support workshops that address promising although yet not established topics such as "Semantic Web and Sentiment Analysis" and "Human-Semantic Web Interaction"; as well as emerging topics such as "Finance and Economics on the Semantic Web", and "Semantic Publishing". We have also introduced a unique official hashtag for each paper: you can find it within the papers or as a built-in feature of "ESWC Conference Live": A mobile app which supports you in scheduling your conference attendance and performing your social interaction within the conference community. Do not forget to download it and provide your feedback!

Trendy, as we did not overlook to properly address the latest Tim Berners-Lee's call for an internet users' "bill of rights". In fact, ESWC 2014 program includes a panel dedicated to "Data Protection and Security on the Web".

As General Chair, I would like to thank everybody that has been involved in the organization of ESWC 2014. Most importantly, I would like to thank the PC Chairs Claudia d'Amato and Fabien Gandon for their excellent work in compiling a high quality and varied scientific program, and thanks to all Track Chairs and reviewers for their great work in supporting PC Chairs.

Special thanks go to PhD Symposium Chairs, Mathieu d'Aquin and Steffen Staab, who have realized an innovative format aimed at ensuring proper mentoring to our promising students. We have a great selection of workshops and tutorials thanks to the excellent work of our Workshop Chair Harald Sack and our Tutorial Chair Nathalie Aussenac-Gilles. Thanks to our EU Project Networking Session Chairs and to our great Keynote Speakers.

I would like to dedicate a special thank to Milan Stankovic and all Challenges Chairs, who have accepted and successfully achieved the organization of the new challenging "Semantic Web Evaluation" track. We are also very happy to host the AI Mashup challenge and the LinkedUp Challenge, which contribute bringing new ideas and exciting application demos.

Thanks to STI International for supporting the conference organization, to Ioan Toma (from STI) for taking care of the budget, and thanks also to our Local Organizer Irini Fundulaki. Youvivo GmbH deserves a special acknowledgement, in particular Martina Hartl, for the great professional support to the conference organization.

I am very grateful to Silvio Peroni, who has spread news about ESWC timely and effectively, to Serge Tymaniuk who has administered the web site, and to our Sponsor Chairs Axel Ngonga and Achim Rettinger for their precious help in collecting sponsorships for the conference.

I want to point out the remarkable job of the Proceedings Chair Anna Tordai and of the Semantic Technologies Coordinators: Luca Costabello, Maribel Acosta Deibe, Anna Lisa Gentile, Alessio Iabichella, and Andrea Giovanni Nuzzolese; who have developed our great "ESWC Conference Live" mobile app.

Thanks to our sponsors for their trust in ESWC.

May ESWC 2014 be inspiring for your future research!

ESWC2014 Sponsors and Supporters

Diamond Sponsor

PLANETDATA | The PlanetData project aims to establish a sustainable European community of researchers that supports organizations in exposing their data in new and useful ways. PlanetData pushes forward the state-of-the-art in large-scale data management and its application to the creation of useful, open data sets. This is motivated by the increasing reliance of business on large public data; the uptake of open data principles in many vertical sectors; and the need of research communities to make sense out of petabytes of scientific data, to describe and expose this data in ways that encourage and enable collaboration.
http://planet-data.eu/

Platinum Sponsors

BIG | Big Data is an emerging field where innovative technology offers alternatives to resolve the inherent problems that appear when working with huge amounts of data, providing new ways to reuse and extract value from information.
Big Data Public Private Forum (BIG) is working towards the definition and implementation of a clear strategy that tackles the necessary efforts in terms of research and innovation, while also it provides a major boost for technology adoption and supporting actions for the successful implementation of the Big Data economy.
Building an industrial community around Big Data in Europe is the priority of this project, together with setting up the necessary collaboration and dissemination infrastructure to link technology suppliers, integrators and leading user organizations.
http://big-project.eu/

Platinum Sponsors

LINKEDUP | The LinkedUp project <http://linkedup-project.eu/>is a FP7 Support Action which pushes forward the exploitation and adoption of public, open data available on the Web, in particular by educational organisations and institutions. To address these goals, LinkedUp provides a range of activities to support and promote innovative success stories which exploit large-scale Web data in educational scenarios as part of robust applications and tools. Activities include the organisation of the LinkedUp Challenge

(http://www.linkedup-challenge.org) and the development of evaluation techniques for comparing and assessing data-driven application and tools. Dataset collection, cataloging and publishing activities have resulted in the LinkedUp Data Catalog (http://data.linkededucation.org/linkedup/catalog/), a repository and catalog of well-described and assessed datasets for educational purposes. The LinkedUp Catalog supports participants of the data challenge, as well as interested data consumers and application developers in general. The overall aim is to facilitate the development of innovative applications produced by the LinkedUp community and challenge participants and their deployment in real-world use case scenarios. A collection of suitable use cases have been collected by the LinkedUp consortium and representatives of associated organisations, including representatives from renowned industrial, academic and higher education institutions such as Elsevier, the BBC, or the Commonwealth of Learning..
http://linkedup-project.eu <http://linkedup-project.eu/

Gold Sponsors

ANNOMARKET | AnnoMarket.com is a new online marketplace for text analytics services, enabling anyone from large organisations to SMEs and individuals to buy and sell high-quality text processing services. The platform is entirely cloud-based and users pay for everything on a cost-effective, pay-as-you-go basis.
AnnoMarket provides a wide and growing selection of text analysis pipelines that you can use via simple REST APIs for either on-line or batch processing of documents.
Come and visit the stand to learn more and pick up a free credit voucher worth up to 10,000 API calls."

Gold Sponsors

LDBC | Non-relational data management is emerging as a critical need for the new data economy based on large, distributed, heterogeneous, and complexly structured data sets. This new data management paradigm also provides an opportunity for research results to impact young innovative companies working on new RDF and graph data management technologies to start playing a significant role in this new data economy. Standards and benchmarking are two of the most important factors for the development of new information technology, yet there is still no comprehensive suite of benchmarks and benchmarking practices for RDF and graph databases, nor is there an authority for setting benchmark definitions and auditing official results. Without them, the future development and uptake of these technologies is at risk by not providing industry with clear, user-driven targets for performance and functionality. The Linked Data Benchmark Council (LDBC) project is creating the first comprehensive suite of open, fair and vendor-neutral benchmarks for RDF/graph databases together with the LDBC foundation which will define processes for obtaining, auditing and publishing results. The core scientific innovation of LDBC is therefore to define meaningful benchmarks derived from a combination of actual usage scenarios combined with the technical insight of top database systems researchers and architects in the choke points of current technology. LDBC brings together a broad community of researchers and RDF and graph database vendors to establish an independent authority, the LDBC foundation, responsible for specifying benchmarks, benchmarking procedures and verifying/publishing results. The forum created will become a long-surviving, industry supported association similar to the TPC. Vendors and user organisations will participate in order to influence benchmark design and to make use of the obvious marketing opportunities.
http://www.ldbc.eu/

VIDEOLECTURES.NET | VideoLectures.NET is an award-winning free and open access educational video lectures repository. The lectures are given by distinguished scholars and scientists at the most important and prominent events like conferences, summer schools, workshops and science promotional events from many fields of Science. The portal is aimed at promoting science, exchanging ideas and fostering knowledge sharing by providing high quality didactic contents not only to the scientific community but also to the general public. All lectures, accompanying documents, information and links are systematically selected and classified through the editorial process taking into account also users' comments.
http://videolectures.net/

Gold Sponsors

LINKEDTV | As Television and the Web converge – television content is transmitted digitally, possibly over IP, to devices which are equally Web capable, while Web content includes audiovisual streams consumed over connected devices in the same manner as classical television – we note that the actual meaning of 'television' changes. On a connected device, (broadcast) television content, other audiovisual content and other Web content may be consumed in parallel or sequence, and the fact that something is 'television' or 'Web' blurs in the consumers' awareness. Is YouTube playing on a SmartTV now television? Is a catchup TV stream on the laptop still television?
Linked Television is a vision of future television consumption. Here TV and Web content is seamlessly interlinked, for example while watching the news the viewer is getting background information on the stories at their fingertips; it's seeing a painting in a TV program and being able to identify the artist and the museum where it hangs. It's facilitating what the Second Screen generation is already doing, but now bringing this within the same digital ecosystem, so that content owners retain the connection with the viewer and control about the information being linked with their media.
http://www.linkedtv.eu

MEDIAMIXER | MediaMixer is an EU funded action to support organisations in enhancing their media contents to create greater value and extending reach across customers, consumers and the media value chain. MediaMixer promotes semantic multimedia fragment technologies which can be used by enterprises to fragment their media assets, annotate those fragments and use these annotations for more flexible media retrieval and re-use in new contexts.


PRELIDA | The PRELIDA project targets the particular stakeholders of the Linked Data community, including data providers, service providers, technology providers and end user communities. These stakeholders have not been traditionally targeted by the Digital Preservation community, and are typically not aware of the digital preservation solutions already available. Hence an important task of PRELIDA is to raise awareness of existing preservation solutions and to facilitate their uptake.
At the same time, the Linked Data cloud has specific characteristics in terms of structuring, interlinkage, dynamicity and distribution, that pose new challenges to the preservation community. PRELIDA organises in-depth discussions among the two communities to identify which of these characteristics require novel solutions, and to develop road maps for addressing the new challenges.
http://www.prelida.eu/

Bronze Sponsor
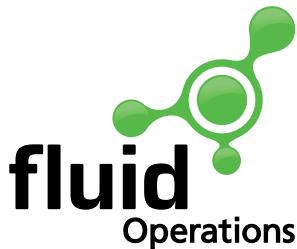
FLUID OPERATIONS | fluid Operations® (fluidOps) is an innovative software company headquartered in Walldorf, Germany. Its focus lies on the research and development of novel technologies for intelligent cloud and data management in the enterprise. With the Information Workbench®, fluidOps delivers a highly customizable platform for Linked Data and Big Data management and solution development. This includes support for the semantic integration of heterogeneous data sources across the borders of individual domains, collaborative knowledge acquisition and augmentation, semantic search, business intelligence and analytics, as well as data visualization and exploration. fluidOps' Conference Explorer app won the Linked Data-a-Thon at the ISWC 2011. **http://www.fluidops.com/**

iSOCO | iSOCO, Intelligent Software Components S.A. (www.isoco.com) is a technology company founded in 1999, becoming the first company in Spain and one of the first in Europe to offer solutions based on Semantic Web technologies. Currently, iSOCO employs around 100 persons in offices in Barcelona, Madrid, Valencia, and Pamplona. iSOCO has ample experience in international R&D activities, especially in the different EU Frame Programmes, and is successful in transferring research results in the field of Semantic Web technologies to the market. To this purpose iSOCO Lab, the Research branch of the company, was created in 2001 with three main objectives: maintain the technological level of the company, foster innovation to approach the market through new products, and pave the way for the application of new technologies to business.

Student Grant | Best Paper Award | Best Demo Award

FORGE | The Future Internet Research and Experimentation (FIRE) facilities are a world class infrastructure supporting European research into new services and protocols associated with the next generation Internet. Open Educational Resources (OERs) have recently made headlines in the guise of MOOCs (Massive Open Online Courses) which are giving millions of students worldwide access to the highest quality education. The FORGE project will produce OERs supported by a combination of Linked Data technologies and rich multimedia interactive eBooks to turn FIRE into a learning resource. Specifically, in the future FORGE students will be able to setup and run large-scale Internet experiments on the FIRE facilities from within an eBook. Educators and students will be able to find and use course and experimental lab materials through our semantically marked up repository.
See more at: **http://ict-forge.eu/**

Best Paper Award

Yahoo | Yahoo Labs is pioneering the new sciences underlying the Web. As the center of scientific excellence here at Yahoo, we deliver both fundamental and applied scientific leadership, publish research and create new technologies that power Yahoo's products. We're responsible for big inventions—and our goals are nothing short of inventing the future of the Internet and creating the next generation of businesses for Yahoo.

Video Recording

XLIKE | The goal of the XLike project is to develop technology to monitor and aggregate knowledge that is currently spread across mainstream and social media, and to enable cross-lingual services for publishers, media monitoring and business intelligence.

The aim is to combine scientific insights from several scientific areas to contribute in the area of cross-lingual text understanding. By combining modern computational linguistics, machine learning, text mining and semantic technologies we plan to deal with the following two key open research problems: to extract and integrate formal knowledge from multilingual texts with cross-lingual knowledge bases, and to adapt linguistic techniques and crowdsourcing to deal with irregularities in informal language used primarily in social media.

The developed technology will be language-agnostic, while within the project we will specifically address English, German, Spanish, Chinese and Hindi as major world languages and Catalan and Slovenian as minority languages.

www.xlike.org

....

XLIME | xLiMe is a research project (EU-FP7) dedicated to fusing the knowledge from different dimensions of media content. It proposes to extract knowledge from different media channels and languages and relate it to cross-lingual, cross-media knowledge bases. By doing this in near real-time we will provide a continuously updated and comprehensive view on knowledge diffusion across media, e.g., from European communities like Catalonia to worldwide content in English. By combining speech recognition, natural language processing, machine learning and semantic technologies we will advance key open research problems, by: 1. extracting machine-readable knowledge (entities, sentiment, events and opinions) from multilingual, multimedia and social media content and integrate it with cross-lingual, cross-media knowledge bases, 2. searching this knowledge with structured and unstructured queries in near real-time, 3. monitoring its provenance, consumption and diffusion and 4. analysing the interdependency between media exposure and behavioural patterns.

www.xlime.eu

Keynote Speakers

Steffen Staab,
Institute for Web Science and
Technologies - WeST, Universität
Koblenz-Landau, DE

Steffen studied in Erlangen (Germany), Philadelphia (USA) and Freiburg (Germany) computer science and computational linguistics. Afterwards he worked as researcher at Univ. Stuttgart/Fraunhofer and Univ. Karlsruhe, before he became professor in Koblenz. In his research career he has managed to avoid almost all good advice that he now gives to his team members. Such advise includes focusing on research (vs. company) or concentrating on only one or two research areas (vs. considering ontologies, semantic web, social web, data engineering, text mining, peer-to-peer, multimedia, HCI, services, software modelling and programming and some more). Though, actually, improving how we understand and use text and data is a good common denominator for a lot of Steffen's professional activities. Website: http://userpages.uni-koblenz.de/~staab/

PROGRAMMING THE SEMANTIC WEB

The Semantic Web changes the way we deal with data, because assumptions about the nature of the data that we deal with differ substantially from the ones in established database approaches. Semantic Web data is (i) provided by different people in an ad-hoc manner, (ii) distributed, (iii) semi-structured, (iv) (more or less) typed, (v) supposed to be used serendipitously. In fact, these are highly relevant assumptions and challenges, because they are frequently encountered in all kind of data-centric challenges – also in cases where Semantic Web standards are not in use. However, they are only partially accounted for in existing programming approaches for Semantic Web data including (i) semantic search, (ii) graph programming, and (iii) traditional database programming approaches.

The main hypothesis of this talk is that we have not yet developed the right kind of programming paradigms to deal with the proper nature of Semantic Web data, because none of the mentioned approaches fully considers its characteristics. Thus, I want to outline empirical investigations of Semantic Web data and recent developments towards Semantic Web programming that target the reduction of the impedance mismatch between data engineering and programming approaches.

Prof Luciano Floridi,
Oxford Internet Institute,
University of Oxford, UK

Luciano Floridi is Professor of Philosophy and Ethics of Information at the University of Oxford, Senior Research Fellow at the Oxford Internet Institute, and Governing Body Fellow of St Cross College, Oxford. He is also Adjunct Professor, Department of Economics, American University, Washington D.C. Among his recognitions, he has been awarded the Cátedras de Excelencia Prize by the University Carlos III of Madrid (2014-15), was the UNESCO Chair in Information and Computer Ethics and Gauss Professor of the Academy of Sciences in Göttingen. He is a recipient of the APA's Barwise Prize, the IACAP's Covey Award, and the INSEIT's Weizenbaum Award. He is an AISB and BCS Fellow, Editor in Chief of Philosophy & Technology and of the Synthese Library. In 2012, he was Chairman of EU Commission's "Onlife Initiative". His most recent books are: The Fourth Revolution - How the infosphere is reshaping human reality (Oxford University Press, 2014), The Ethics of Information (Oxford University Press, 2013), The Philosophy of Information (Oxford University Press, 2011), The Cambridge Handbook of Information and Computer Ethics (editor, Cambridge University Press, 2010), and Information: A Very Short Introduction (Oxford University Press, 2010).

COORDINATION, SEMANTICS, AND AUTONOMY

The lecture is divided into four parts. In the first part, I offer a brief and simple introduction to four well-known senses in which different scientific fields speak of complexity, namely state complexity, Kolmogorov complexity, computational complexity, and programming complexity. I then suggest an intuitive way in which they can all be linked in a conceptual, unified view. Against this background, in the second part, I outline a new concept of complexity, which I shall call coordination complexity. This completes the unified view. I then argue, in the third part, that the semantic web helps us dealing with problems with increasingly high degree of coordination complexity, which require the mobilisation of whole systems to be tackled. In the last and concluding part, I highlight one of the consequences of the resolution of problems with high degree of coordination complexity: the predictability and manipulability of autonomous choices.

Lise Getoor,
University of Maryland, US

Lise Getoor is a Professor in the Computer Science Department at the University of California, Santa Cruz. Prior to that, she was a Professor in the Computer Science Department at the University of Maryland, College Park (2001-2013). Her primary research interests are in machine learning and reasoning with uncertainty, applied to graphs and semi-structured data. She also works in data integration, social network analysis and visual analytics. She has over 200 publications, eight best paper awards, an NSF Career Award, was PC co-chair for the 2011 International Machine Learning Conference (ICML), and is an Association for the Advancement of Artificial Intelligence (AAAI) Fellow. She received her Ph.D. from Stanford University in 2001, her M.S. from UC Berkeley, and her B.S. from UC Santa Barbara. Website: http://www.cs.umd.edu/~getoor

COMBINING STATISTICS AND SEMANTICS TO TURN DATA INTO KNOWLEDGE

Addressing inherent uncertainty and exploiting structure are fundamental to turning data into knowledge. Statistical relational learning (SRL) builds on principles from probability theory and statistics to address uncertainty while incorporating tools from logic to represent structure. In this talk I will overview our recent work on probabilistic soft logic (PSL), a SRL framework for collective, probabilistic reasoning in relational domains. PSL is able to reason holistically about both entity attributes and relationships among the entities, along with ontological constraints. The underlying mathematical framework supports extremely efficient inference. Our recent results show that by building on state-of-the-art optimization methods in a distributed implementation, we can solve large-scale knowledge graph extraction problems with millions of random variables orders of magnitude faster than existing approaches.

Program Summary

Workshops, Tutorials, PhD Symposium

Sunday, May 25th, 2014

	Ourania	Polymnia	Erato	Kalia	Melpo	Thalia	Efterpi	Clio	Orpheas
09:30 - 10:30	**Workshop** USEWOOD 2014 Building a Web Observatory for research on LOD usage	**Workshop** SMILE 2014 Social Media and Linked Data for Emergency Response		**Workshop** LIME 2014 2nd International Workshop on Linked Media	**Workshop** KNOW@LOD 2014 Knowledge Discovery and Data Mining Meets Linked Open Data	**Tutorial** Semantic Data Management in Graph Data Bases 2014	**Tutorial** QA over LOD Question Answering over Linked Data: Challenges, Approaches & Trends	**Tutorial** Social Web: Where are the Semantics?	**PhD Symposium**
10:30 - 11:00	**Coffee break**								
11:00 - 13:00	**Workshop** USEWOOD 2014 Building a Web Observatory for research on LOD usage	**Workshop** SMILE 2014 Social Media and Linked Data for Emergency Response		**Workshop** LIME 2014 2nd International Workshop on Linked Media	**Workshop** KNOW@LOD 2014 Knowledge Discovery and Data Mining Meets Linked Open Data	**Tutorial** Semantic Data Management in Graph Data Bases 2014	**Tutorial** QA over LOD Question Answering over Linked Data: Challenges, Approaches & Trends	**Tutorial** Social Web: Where are the Semantics?	**PhD Symposium**
13:00 - 14:30	**Lunch break**								
14:30 - 16:00	**Workshop** USEWOOD 2014 Building a Web Observatory for research on LOD usage	**Workshop** SemanticSentimentAnalysis2014	**Workshop** Sepublica 2014	**Workshop** LIME 2014 2nd International Workshop on Linked Media	**Workshop** KNOW@LOD 2014 Knowledge Discovery and Data Mining Meets Linked Open Data	**Tutorial** Semantic Data Management in Graph Data Bases 2014	**Tutorial** RDF Stream Processing	**Tutorial** Social Web: Where are the Semantics?	**PhD Symposium**
16:00 - 16:30	**Coffee break**								**PhD Symposium**
16:30 - 18:00	**Workshop** USEWOOD 2014 Building a Web Observatory for research on LOD usage	**Workshop** SemanticSentimentAnalysis2014	**Workshop** Sepublica 2014	**Workshop** LIME 2014 2nd International Workshop on Linked Media	**Workshop** KNOW@LOD 2014 Knowledge Discovery and Data Mining Meets Linked Open Data	**Tutorial** Semantic Data Management in Graph Data Bases 2014	**Tutorial** RDF Stream Processing	**Tutorial** Social Web: Where are the Semantics?	**PhD Symposium**

Workshops, Tutorials, LinkedUp Challenge
Monday, May 26th, 2014

	Ourania	Polymnia	Erato	Kalia	Melpo	Thalia	Efterpi	Clio
09:30 - 10:30	**Workshop** WASABI 2014 Workshop on Semantic Web Enterprise Adoption and Best Practice	**Workshop** SALAD 2014 Services and Applications over Linked APIs and Data	**Workshop** HSWI 2014 Human-Semantic Web Interaction	**Workshop** FEOSW 2014	**Tutorial** BabelNet 2.0 BabelNet goes to the Multilingual Semantic Web	**Tutorial** VISLOD 2014 : Visual Analytics with Linked Open Data and Social Media for e-Governance	**Tutorial** Rights and Licenses for Linked Data	**LinkedUp Challenge**
10:30 - 11:00	**Coffee break**							
11:00 - 13:00	**Workshop** WASABI 2014 Workshop on Semantic Web Enterprise Adoption and Best Practice	**Workshop** SALAD 2014 Services and Applications over Linked APIs and Data	**Workshop** HSWI 2014 Human-Semantic Web Interaction	**Workshop** FEOSW 2014	**Tutorial** BabelNet 2.0 BabelNet goes to the Multilingual Semantic Web	**Tutorial** VISLOD 2014 : Visual Analytics with Linked Open Data and Social Media for e-Governance	**Tutorial** Rights and Licenses for Linked Data	**LinkedUp Challenge**
13:00 - 14:30	**Lunch break**							
14:30 - 16:00	**Workshop** PROFILES 2014 Dataset PROFI-ling & federated Search for Linked Data	**Workshop** SALAD 2014 Services and Applications over Linked APIs and Data	**Workshop** HSWI 2014 Human-Semantic Web Interaction	**Workshop** WoDOOM 2014 Debugging Ontologies and Ontology Mappings	**Tutorial** Schema.org & GoodRelations The Web of Data for E-Commerce for Researchers and Practitioners	**Tutorial** VISLOD 2014 : Visual Analytics with Linked Open Data and Social Media for e-Governance	**Tutorial** Rights and Licenses for Linked Data	**Workshop** EMPIRICAL 2014
16:00 - 16:30	**Coffee break**							
16:30 - 18:00	**Workshop** PROFILES 2014 Dataset PROFI-ling & federated Search for Linked Data	**Workshop** SALAD 2014 Services and Applications over Linked APIs and Data	**Workshop** HSWI 2014 Human-Semantic Web Interaction	**Workshop** WoDOOM 2014 Debugging Ontologies and Ontology Mappings	**Tutorial** Schema.org & GoodRelations The Web of Data for E-Commerce for Researchers and Practitioners	**Tutorial** VISLOD 2014 : Visual Analytics with Linked Open Data and Social Media for e-Governance	**Tutorial** Rights and Licenses for Linked Data	**Workshop** EMPIRICAL 2014

Main Conference Day

Tuesday, May 27th, 2014 (09:00 -15:45)

	Room Hermes/Apollon TRACK 1	Room Polymnia/Erato/Kalia/Melpo TRACK 2
09:00 -09:30	**Opening Ceremony** by General Chair and Local Representative	
09:30 -11:00	**Keynote Speech** Steffen Staab: "Programming the Semantic Web" Session Chair: Fabien Gandon	
10:30 - 10:30	**Coffee Break (Conference Center Lobby I & Lobby II)**	
11:00 - 12:40	**Mobile, Sensor and Semantic Streams** Session Chair: Oscar Corcho	**In-Use and Industrial I** Session Chair: Mathieu d'Aquin
11:00	Shen Gao, Thomas Scharrenbach and Abraham Bernstein. The CLOCK Data-Aware Eviction Approach: Towards Processing Linked Data Streams with Limited Resources	Benedikt Kämpgen, Tobias Weller, Sean O'Riain, Craig Weber and Andreas Harth. Accepting the XBRL Challenge with Linked Data for Financial Data Integration 😊
11:25	Kia Teymourian and Adrian Paschke. Plan-Based Semantic Enrichment of Event Streams	Freddy Lecue, Robert Tucker, Veli Bicer, Pierpaolo Tommasi, Simone Tallevi-Diotallevi and Marco Luca Sbodio. Predicting Severity of Road Traffic Congestion using Semantic Web Technologies 🎖
11:50	Luca Costabello. Error-Tolerant RDF Subgraph Matching for Adaptive Presentation of Linked Data on Mobile	Ali Khalili, Sören Auer and Axel-Cyrille Ngonga Ngomo. conTEXT -- Lightweight Text Analytics using Linked
12:15	Norberto Fernández García, Jesús Arias Fisteus, Luis Sánchez Fernández, Damaris Fuentes-Lorenzo and Óscar Corcho. RDSZ: An approach for lossless RDF stream compression	Alex Stolz, Bene Rodriguez-Castro, Andreas Radinger and Martin Hepp. PCS2OWL: A Generic Approach for Deriving Web Ontologies from Product Classification Systems
12:40 - 14:00	**Lunch (Main Restaurant)**	
14:00 - 14:50	**Linked Data I** Session Chair : Freddy Lecue	**Social Web and Web Science** Session Chair: Harald Sack
14:00	Tobias Kuhn and Michel Dumontier. Trusty URIs: Verifiable, Immutable, and Permanent Digital Artifacts for Linked Data 🎖	Hassan Saif, Miriam Fernandez, Yulan He and Harith Alani. SentiCircles for Contextual and Conceptual Semantic Sentiment analysis of Twitter
14:25	Saisai Gong, Wei Hu and Yuzhong Qu. Leveraging Distributed Human Computation and Consensus Partition for Entity Coreference	Pavan Kapanipathi, Prateek Jain, Chitra Venkataramani and Amit Sheth. User Interests Identification on Twitter Using a Hierarchical Knowledge Base
14:50 - 15:15	**Services, Processes and Cloud Computing** Session Chair : Freddy Lecue	Francesco Osborne, Giuseppe Scavo and Enrico Motta. Identifying diachronic topic-based research communities by clustering shared research trajectories 🎖
14:50	Carlos Pedrinaci, Jorge Cardoso and Torsten Leidig. Linked USDL: a Vocabulary for Web-scale Service Trading	
15:15 - 15:45	**Coffee Break (Conference Center Lobby I & Lobby II)**	

Main Conference Day
Tuesday, May 27th, 2014 (15:45 -21:30)

	Room Hermes/Apollon TRACK 1	Room Polymnia/Erato/Kalia/Melpo TRACK 2
15:45 - 17:00	**Data Management I** Session Chair : Maria-Esther Vidal	**Natural Language Processing** Session Chair: Harith Alani
15:45	Andreas Wagner, Veli Bicer and Thanh Tran. Pay-as-you-go Approximate Join Top-k Processing for the Web of Data	Dimitris Kontokostas, Martin Brümmer, Sebastian Hellmann, Jens Lehmann and Lazaros Ioannidis. NLP data cleansing based on Linguistic Ontology constraints 🏅
16:10	Andreas Kasten, Ansgar Scherp and Peter Schauß. A Framework for Iterative Signing of Graph Data on the Web 💬	Mauro Dragoni, Alessio Bosca, Matteo Casu and Chiara Di Francesco-marino. Using Semantic and Domain-based Information in CLIR Systems
16:35	Thomas Gottron and Christian Gottron. Perplexity of Index Models over Evolving Linked Data	**Semantic Web Policies, Rights and Governance** Session Chair : Pompeu Casanovas Elena Cabrio, Alessio Palmero Aprosio and Serena Villata. These are your rights: A Natural Language Processing Approach to Automated RDF Licenses Generation

	Room: Orpheas TRACK 3	Room: Thalia/Efterpi TRACK 4	Room: Polymnia/Erato TRACK 5	Beach Bar TRACK 6
17:00 - 18:30	**EU Projects Networking Session** Session Chairs: Mari Carmen Suarez de Figueroa Baonza, Sergio Consoli	**AI Mashup Challenge** Session Chair: Ioannis Papdakis	**Semantic Web Evaluation Challenges** Session Chair: Milan Stankovic	
17:00	One-minute madness: EU Projects presentations	1. Scherp, Ansgar: An Approach for Incremental Entity Resolution at the Example of Social Media Data	Angelo Di Iorio, Christoph Lange. Semantic Publishing Challenge: presentation of tasks	
17:30	EU Project networking round tables	2. Trinh Tuan, Dat: Open Linked Widgets Mashup Platform 3. Portier, Pierre-Edouard: SEMashup - Making Use of Linked Data for Generating Enhanced Snippets 4. Dell'Aglio, Daniele: Augmented Participation to Live Events through Social Network Content Enrichment	Ivan Cantador, Tommaso Di Noia. Linked Open Data-enabled Recommender Systems Challenge: presentation of tasks	
18:00		5. Khalili, Ali: conTEXT - A Mashup platform for Lightweight Text Analytics **LinkedUp Challenge Introduction** Session Chair: Stefan Dietze	Erik Cambria, Diego Reforgiato. Concept-Level Sentiment Analysis Challenge: presentation of tasks.	
19:00 - 21:30				EU Project Posters Semantic Web Evaluation Challenges , AI Mashup Challenge, LinkedUp Challenge

Main Conference Day
Wednesday , May 28th, 2014 (09:15 -15:45)

	Room Hermes/Apollon TRACK 1	Room Polymnia/Erato/Kalia/Melpo TRACK 2
9:15 - 9:30	**Annoucements**	
9:30 - 10:30	**Keynote Speech** Session Chair: Valentina Presutti Luciano Floridi : "Coordination, Semantics, and Autonomy"	
10:30 - 11:00	**Coffee Break (Conference Center Lobby I & Lobby II)**	
11:00 - 12:40	**Reasoning** Session Chair : Sebastian Rudolph	**Machine Learning** Session Chair: Lise Getoor
11:00	Martin Peters, Christopher Brink, Sabine Sachweh and Albert Zündorf. Scaling Parallel Rule-based Reasoning	Ilaria Tiddi, Mathieu D'Aquin and Enrico Motta. Dedalo: looking for Clusters Explanations in a Labyrinth of Linked Data
11:25	Arnab Dutta, Christian Meilicke and Simone Ponzetto. A Probabilistic Approach for Integrating Heterogeneous Knowledge Sources	Huakang Li, Yi Liu, Mingyi Guo and Bei Xu. A Knowledge Based Approach for Tackling Mislabeled Multi-class Big Social Data
11:50	Olivier Curé, Guillaume Blin, Dominique Revuz and David Célestin Faye. WaterFowl: a Compact, Self-indexed and Inference-enabled RDF Store	Thomas Gottron, Ansgar Scherp and Stefan Scheglmann. Providing Alternative Declarative Descriptions for Entity Sets using Parallel Concept Lattices
12:15	Giorgos Stoilos. Ontology-Based Data Access Using Rewriting, OWL 2 RL Systems and Repairing	Axel-Cyrille Ngonga Ngomo, Mohamed Sherif and Klaus Lyko. Unsupervised Link Discovery Through Knowledge Base Repair
12:40 - 14:00	**Lunch (Main Restaurant)**	
14:00 - 15:15	**Linked Open Data II** Session Chair: Vojtech Svatek	**Cognition and Semantic Web** Session Chair: Aldo Gangemi
14:00	Basil Ell, Andreas Harth and Elena Simperl. SPARQL Query Verbalization for Explaining Semantic Search Engine Queries	Paul Warren, Paul Mulholland, Trevor Collins and Enrico Motta. The usability of Description Logics: Understanding the cognitive difficulties presented by Description Logics
14:25	Xin Wang, Thanassis Tiropanis and Hugh C. Davis. Optimising Linked Data Queries Using Runtime Statistics in the Presence of Co-reference	Khadija Elbedweihy, Suvodeep Mazumdar, Stuart N. Wrigley and Fabio Ciravegna. NL-Graphs: A Hybrid Approach toward Interactively Querying Semantic Data
14:50	Johann Schaible, Thomas Gottron and Ansgar Scherp. Survey on Common Strategies of Vocabulary Reuse in Linked Open Data Modeling	Paolo Ciancarini, Angelo Di Iorio, Andrea Giovanni Nuzzolese, Silvio Peroni and Fabio Vitali. Evaluating citation functions in CiTO: cognitive issues
15:15 - 15:45	**Coffee Break (Conference Center Lobby I & Lobby II)**	

Main Conference Day
Wednesday , May 28th, 2014 (15:45 -20:00)

	Room Hermes/Apollon **TRACK 1**	Room Polymnia/Erato/Kalia/Melpo **TRACK 2**
15:50 - 17:00	**Data Management II** Session Chair: Jacco van Ossenbruggen	**In-Use & Industrial II** Session Chair: Evelyne Viegas
15:50	Muhammad Saleem and Axel-Cyrille Ngonga Ngomo. HiBISCuS: Hypergraph-Based Source Selection for SPARQL Endpoint Federation	Dan Scott. Seeding Structured Data by Default via Open Source Library Systems
16:15	Christina Lantzaki, Thanos Yannakis, Yannis Tzitzikas and Anastasia Analyti. Generating Synthetic RDF Data with Connected Blank Nodes for Benchmarking	Christoph Pinkel, Carsten Binnig, Peter Haase, Clemens Martin, Kunal Sengupta and Johannes Trame. How to Efficiently Find a Partner? An Evaluation of Editing Approaches to Construct R2RML Mappings
16:35	Roberto De Virgilio and Antonio Maccioni. Distributed Keyword Search over RDF via MapReduce 🏅	László Török and Martin Hepp. Towards Portable Shopping Histories: Using GoodRelations to Expose Ownership Information to E-Commerce Sites
17:00 - 18:30	**Panel: "Data Protection and Security on the Web"** Session Chair: Valentina Presutti Panelists: Harith Alani, Pompeu Casanova, Luciano Floridi, Fabien Gandon, Aldo Gangemi, Steffen Staab, Evelyne Viegas, Maria Esther Vidal	
20:00	**Conference Gala Dinner** Aldemar Knossos Main Pool	

Main Conference Day
Thursday, May 29th, 2013

	Room Hermes/Apollon TRACK 1	Room Polymnia/Erato/Kalia/Melpo TRACK 2	Room Orpheas TRACK 3
09:00 - 11:00		**Posters and Demos** (Room Ourania/Polymnia/Erato/Kalia/Melpo/Thalia/Efterpi/Clio)	
11:00 - 11:30	**Coffee Break (Conference Center Lobby I & Lobby II)**		
11:30 - 12:30	**Keynote Speech** Session Chair: Claudia D'Amato Lise Getoor: "Combining Statistics and Semantics to Turn Data into Knowledge"		
12:30 - 14:00			
14:00 - 15:15	**Linked Open Data III** Session Chair: Abraham Bernstein	**Vocabularies, Schemas, Ontologies** Session Chair: Martin Hepp	**Best Workshop Papers** Session Chair: Harald Sack
14:00	Rakebul Hasan. Generating and Summarizing Explanations for Linked Data ⚙	Benjamin Zapilko and Brigitte Mathiak. Benjamin Zapilko and Brigitte Mathiak. Object Property Matching utilizing the Overlap between Imported Ontologies	Please refer to page 72/73
14:25	Anisa Rula, Matteo Palmonari, Axel-Cyrille Ngonga Ngomo, Daniel Gerber, Jens Lehmann and Lorenz Bühmann. Hybrid Acquisition of Temporal Scopes for RDF Data	Yuan Ren, Artemis Parvizi, Chris Mellish, Jeff Z. Pan, Kees Van Deemter and Robert Stevens. Towards Competency Question-driven Ontology Authoring	
14:50	Dominik Wienand and Heiko Paulheim. Detecting Incorrect Numerical Data in DBpedia	Duy Dinh, Julio Cesar Dos Reis, Cedric Pruski, Marcos Da Silveira and Chantal Reynaud. Identifying change patterns of concept attributes in onto-logy evolution	
15:15 - 15:45	**Coffee Break (Conference Center Lobby I & Lobby II)**		
15:45 - 16:35	**Linked Open Data IV** Session Chair: Elena Simperl	**In-Use & Industrial III** Session Chair: Evelyne Viegas	**Wrap-up session (Workshops, Tutorials, PhD Symposium)**
15:45	Besnik Fetahu, Stefan Dietze, Bernardo Pereira Nunes, Marco Antonio Casanova, Davide Taibi and Wolfgang Nejdl. A Scalable Approach for Efficiently Generating Structured Dataset Topic Profiles	Jörg-Uwe Kietz, Floarea Serban, Simon Fischer and Abraham Bernstein. "Semantics Inside!" But let's not tell the Data Miners: Intelligent Support for Data Mining	Workshops and Tutorials Wrap-up Session Chairs: Harald Sack and Nathalie Aussenac-Gilles
16:10	Danyun Xu, Gong Cheng and Yuzhong Qu. Facilitating Human Intervention in Coreference Resolution with Comparative Entity Summaries	Yannis Tzitzikas, Nikos Minadakis, Yannis Marketakis, Pavlos Fafalios, Carlo Allocca, Michalis Mountantonakis and Ioanna Zidianaki. Matware: Constructing and Exploiting Domain Specific Warehouses by Aggregating Semantic	PhD Symposium Summary Session Chairs: Steffen Staab, Mathieu d'Aquin
16:35	**Closing and Award Ceremony**		

Sunday, May 25th

Workshop and Tutorial Day I

WORKSHOPS

USEWOOD 2014: BUILDING A WEB OBSERVATORY FOR RESEARCH ON LOD USAGE
Room Ourania | Sunday 25th | 09:30 - 18:00

Bettina Berendt | K.U. Leuven, BE
Markus Luczak-Roesch | University of Southampton, UK
Laura Hollink | VU Amsterdam, NL

SMILE 2014:SOCIAL MEDIA AND LINKED DATA FOR EMERGENCY RESPONSE
Room Polymnia | Sunday 25th | 09:30 - 13:00

Vita Lanfranchi | University of Sheffield, UK
Kauppinen Tomi | Aalto University, FI
Suvodeep Mazumdar | University of Sheffield, UK
Christopher Brewster | Aston University, UK
Eva Blomqvist | Linköping University, SE
Carsten Kessler | Hunter College–CUNY, US

LIME 2014: 2ND INTERNATIONAL WORKSHOP ON LINKED MEDIA
Room Kalia | Sunday 25th | 09:30 - 18:00

Lyndon Nixon | New Media Technology Group, MODUL University, AT
Johan Oomen | R&D Department, Netherlands Institute for Sound and Vision, NL
Erik Mannens | Multimedia Lab, iMinds, BE
Florian Stegmaier | University of Passau, DE
Raphaël Troncy | EURECOM, FR

SEMANTICSENTIMENTANALYSIS2014
Room Polymnia | Sunday 25th | 14:30 - 18:00

Aldo Gangemi | U. Paris Nord France/ISTC-CNR Rome, IT
Harith Alani | KMI-OU Milton Keynes, UK
Malvina Nissim | University of Bologna, IT
Eric Cambria | NUS Singapore, SE
Diego Reforgiato | ISTC-CNR Catania, IT

SEPUBLICA 2014
Room Erato | Sunday 25th | 14:30 - 18:00
Alexander Garcia Castro | Florida State University, US
Robert Stevens | University of Manchester, UK
Phillip Lord | School of Computing Science, Newcastle University, UK
Christoph Lange | University of Bonn, DE

KNOW@LOD 2014: KNOWLEDGE DISCOVERY AND DATA MINING MEETS LINKED OPEN DATA
Room Melpo | Sunday 25th | 09:30 - 18:00
Heiko Paulheim | University of Mannheim, DE
Johanna Voelker | University of Mannheim, DE
Harald Sack | Hasso-Plattner Institute, Potsdam, DE
Jens Lehmann | University of Leipzig, DE
Vojtech Svatek | University of Economics, Prague, CZ

TUTORIALS

SEMANTIC DATA MANAGEMENT IN GRAPH DATA BASES 2014
Room Thalia | Sunday 25th | 09:30 - 18:00
Maria-Esther Vidal | Universidad Simón Bolívar, VE
Maribel Acosta | Institute AIFB in the Karlsruhe Institute of Technology (KIT), DE
Edna Ruckhaus | Universidad Simón Bolívar, VE
Cosmin Basca | Universidad Simón Bolívar, VE

QA OVER LOD - QUESTION ANSWERING OVER LINKED DATA: CHALLENGES, APPROACHES & TRENDS
Room Efterpi | Sunday 25th | 09:30 - 13:00
Christina Unger | Bielefeld University in Germany, DE
André Freitas | National University of Ireland, Galway, IE

SOCIAL WEB: WHERE ARE THE SEMANTICS?
Room Clio | Sunday 25th | 09:30 - 18:00
Miriam Fernandez | KMI, Open University, Mealton Keynes, UK
Andrés Garcia-Silva | OEG, UPM, Madrid, ES
Victor Rodriguez-Doncel | OEG, UPM, Madrid, ES
Oscar Corcho | OEG, UPM, Madrid, ES

RDF STREAM PROCESSING
Room Efterpi | Sunday 25th | 14:30 - 18:00
Jean-Paul Calbimonte | École Polytechnique Fédérale de Lausanne, FR
Daniele Dell'Aglio | Dip. di Elettronica, Informatica e Bioingegneria, Politecnico di Milano, IT
Marco Balduini | Dip. di Elettronica, Informatica e Bioingegneria, Politecnico di Milano, IT

PHD SYMPOSIUM
Room Orpheas | Sunday 25th | 09:30 - 18:00
Chairs:
Steffen Staab | Institute for Web Science and Technologies - WeST, Universität Koblenz-Landau, DE
Mathieu d'Aquin | Knowledge Media Institute, The Open University, UK

PHD SYMPOSIUM PAPERS

9:30-10:00
Introduction

10:00-11:00 (late stage submissions - 20mins)
On The Discovery of Relational Patterns in Semantically Similar Annotated Linked Data
Guillermo Palma

Predicting SPARQL Query Performance and Explaining Linked Data
Rakebul Hasan

Metrics-driven Framework for LOD Quality Assessment
Behshid Behkamal

Harvesting and Structuring Social Data in Music Information Retrieval
Sergio Oramas

Route planning using Linked Open Data
Pieter Colpaert

Automatic Detection and Semantic Formalisation of Business Rules
Cheikh Kacfah Emani

Combining Linked Data and Statistical Information Retrieval
Ricardo Usbeck

Searching Linked Data and services with a single query
Mohamed Lamine Mouhoub

14:30-16:00 (early stage submissions - 25mins)
Semantic Information Extraction on Domain Specific Data Sheets
Kai Barkschat

Towards a Data Warehouse fed with Web Services
John Samuel

Designing an integrated semantic framework for structured opinion summarization
Ehsan Asgarian

16:30-17:15
Group session:
What are the most common issues/challenges in doing a PhD in the Semantic Web area?

Monday, May 26th

Workshop and Tutorial Day II

WORKSHOPS

WASABI 2014: WORKSHOP ON SEMANTIC WEB ENTERPRISE ADOPTION AND BEST PRACTICE
Room Ourania | Monday 26th | 09:30 - 13:00

Marco Neumann | iMinds – Multimedia Lab – Ghent University, BE
Sam Coppens | iMinds – Multimedia Lab – Ghent University, BE
Karl Hammar | iMinds – Multimedia Lab – Ghent University, BE
Magnus Knuth | iMinds – Multimedia Lab – Ghent University, BE
Dominique Ritze | iMinds – Multimedia Lab – Ghent University, BE
Miel Vander Sande | iMinds – Multimedia Lab – Ghent University, BE

SALAD 2014: SERVICES AND APPLICATIONS OVER LINKED APIS AND DATA
Room Polymnia | Monday 26th | 09:30 - 18:00

Maria Maleshkova | Karlsruhe Institute of Technology, DE
Ruben Verborgh | iMinds – Multimedia Lab – Ghent University, BE
Steffen Stadtmüller | Karlsruhe Institute of Technology, DE
Pedro Szekely | University of Southern California, US

HSWI 2014: HUMAN-SEMANTIC WEB INTERACTION
Room Erato | Monday 26th | 09:30 - 18:00

Heiko Paulheim | University of Mannheim, DE
Martin Voigt | Technische Universität Dresden, DE
Annett Mitschick | Technische Universität Dresden, DE
Roberto García | Universitat de Lleida, ES

FEOSW 2014
Room Kalia | Monday 26th | 09:30 - 13:00

Mateusz Radzimski | ATOS Research & Innovation, ES
Angel Garcia Crespo | University Carlos III of Madrid, ES
Juan Miguel Gomez Berbis | University Carlos III of Madrid, ES
José Luis Sánchez Cervantes | University Carlos III of Madrid, ES

PROFILES 2014: DATASET PROFILING & FEDERATED SEARCH FOR LINKED DATA
Room Ourania | Monday 26th | 14:30 - 18:00
Elena Demidova | L3S Research Center, DE
Stefan Dietze | L3S Research Center, DE
Julian Szymanski | Gdansk University of Technology, PL
John Breslin | NUI Galway, IE

WODOOM 2014: DEBUGGING ONTOLOGIES AND ONTOLOGY MAPPINGS
Room Kalia | Monday 26th | 14:30 - 18:00
Patrick Lambrix | Linköping University, SE
Guilin Qi | Southeast University, CN
Matthew Horridge | Stanford University, US
Bijan Parsia | University of Manchester, UK

EMPIRICAL 2014
Room Clio | Monday 26th | 14:30 - 18:00
Kjetil Kjernsmo | University of Oslo, NO
Maria Esther Vidal | Universidad Simón Bolívar, VE
Jacco van Ossenbruggen | CWI, VU University Amsterdam, NL

TUTORIALS

BABELNET 2.0 BABELNET GOES TO THE MULTILINGUAL SEMANTIC WEB
Room Melpo | Monday 26th | 09:30 - 13:00
Roberto Navigli | Sapienza University in Roma, IT
David Jurgens | Sapienza University in Roma, IT

**VISLOD 2014 : VISUAL ANALYTICS WITH LINKED OPEN DATA
AND SOCIAL MEDIA FOR E-GOVERNANCE**
Room Thalia | Monday 26th | 09:30 - 18:00
Vita Lanfranchi | University of Sheffield, UK
Kauppinen Tomi | Aalto University, FI
Suvodeep Mazumdar | University of Sheffield, UK

RIGHTS AND LICENSES FOR LINKED DATA
Room Efterpi | Monday 26th | 09:30 - 18:00
Pompeu Casanovas | Universitat Autonoma de Barcelona, ES
Guido Governatori | NICTA Queensland Research Laboratory, AU
Victor Rodriguez-Doncel | OEG, UPM, Madrid, ES
Antonino Rotolo | Università di Bologna, IT
Serena Villata | INRIA Sophia Antipolis, FR

**SCHEMA.ORG & GOODRELATIONS: THE WEB OF DATA FOR
E-COMMERCE FOR RESEARCHERS AND PRACTIONERS**
Room Melpo | Monday 26th | 14:30 - 18:00
Martin Hepp | Universität der Bundeswehr München, DE
Alex Stolz | Universität der Bundeswehr München, DE

LINKEDUP CHALLENGE
Room Clio | Monday 26th | 09:30 - 13:00
Mathieu d'Aquin | Open University, UK
Stefan Dietze | L3S Research Center, DE
Hendrik Drachsler | Open Universiteit NL
Marieke Guy | Open Knowledge Foundation, UK
Eelco Herder | L3S Research Center, DE

OPEN TRACK

AGRIS – exploiting bibliographic records to create rich Linked Open Data page
Fabrizio Celli

DBLPXplorer: Interactive Graphical Interfaces for the Computer Science Bibliography
Ricardo Kawase | Ujwal Gadiraju | Patrick Siehndel

Konnektid – Social Learning Anytime, Anywhere
Michel Visser | Simone Potenza | Romee Houben

LODStories: Learning About Art by Building Multimedia Stories
Jianliang Chen | Yuting Liu | Dipanwita Maulik | Linda Xu | Hao Zhang | Craig A. Knoblock |
Pedro Szekely | Miel Vander Sande

Rhizi.net
Dor Garbash | Eyal Rotbart | William Zeng | Brendan Fong | Erik Edstrom | Jacob Cole | Calvin Fong |
Yael Ben Dov

Solvonauts : an open educational search engine
Pat Lockley

TuvaLabs – Data Literacy Skills for a Brighter Future
Harshil Parikh | Jaimin Patel | Benjamin Farahmand | Rachana Pandey

FOCUSED TRACK: SIMPLIFICATOR

The electronic Discharge Letter (eDL) mobile app
Leonardo Lezcano | Michel Triana | Bridget Maher | Pat Henn | Carola Orrego | Lina Stieger |
Hanna Schroeder | Susanne Druener | Sasa Sopka | Marcus Specht

Visualization of Labour Conflicts in the Netherlands for last 700 years
Vyacheslav Tykhonov

Tuesday, May 27th

Main Conference Day I

OPENING CEREMONY
Room Hermes/Apollon | Tuesday 27th | 09:00 - 09:30
General Chair
Local Representative

KEYNOTE SPEECH - STEFFEN STAAB: "PROGRAMMING THE SEMANTIC WEB"
Room Hermes/Apollon | Tuesday 27th | 09:30 - 10:30
Session Chair: Fabien Gandon

MOBILE, SENSOR AND SEMANTIC STREAMS
Room Hermes/Apollon | Tuesday 27th |11:00 - 12:40
Session Chair: Oscar Corcho

11:00
The CLOCK Data-Aware Eviction Approach: Towards Processing Linked Data Streams with Limited Resources
Shen Gao | Thomas Scharrenbach | Abraham Bernstein

11:25
Plan-Based Semantic Enrichment of Event Streams
Kia Teymourian | Adrian Paschke

11:50
Error-Tolerant RDF Subgraph Matching for Adaptive Presentation of Linked Data on Mobile
Luca Costabello

12:15
RDSZ: An approach for lossless RDF stream compression"
Norberto Fernández García | Jesús Arias Fisteus | Luis Sánchez Fernández |
Damaris Fuentes-Lorenzo | Óscar Corcho

IN-USE AND INDUSTRIAL I
Room Polymnia/Erato/Kalia/Melpo | Tuesday 27th |11:00 - 12:40
Session Chair: Mathieu D'Aquin

11:00
Accepting the XBRL Challenge with Linked Data for Financial Data Integration 😎
Benedikt Kämpgen | Tobias Weller | Sean O'Riain | Craig Weber | Andreas Harth

11:25
Predicting Severity of Road Traffic Congestion using Semantic Web Technologies 😎
Freddy Lecue | Robert Tucker | Veli Bicer | Pierpaolo Tommasi | Simone Tallevi-Diotallevi |
Marco Luca Sbodio

11:50
conTEXT -- Lightweight Text Analytics using Linked
Ali Khalili | Sören Auer | Axel-Cyrille Ngonga Ngomo

12:15
PCS2OWL: A Generic Approach for Deriving Web Ontologies from Product Classification Systems
Alex Stolz | Bene Rodriguez-Castro | Andreas Radinger | Martin Hepp

LINKED OPEN DATA I
Room Hermes/Apollon | Tuesday 27th | 14:00 - 14:50
Session Chair : Freddy Lecue

14:00
Trusty URIs: Verifiable, Immutable, and Permanent Digital Artifacts for Linked Data 🏅
Tobias Kuhn | Michel Dumontier

14:25
Leveraging Distributed Human Computation and Consensus Partition for Entity Coreference
Saisai Gong | Wei Hu | Yuzhong Qu

SOCIAL WEB AND WEB SCIENCE
Room Polymnia/Erato/Kalia/Melpo | Tuesday 27th |14:00 - 15:15
Session Chair: Harald Sack

14:00

SentiCircles for Contextual and Conceptual Semantic Sentiment analysis of Twitter
Hassan Saif | Miriam Fernandez | Yulan He | Harith Alani

14:25

User Interests Identification on Twitter Using a Hierarchical Knowledge Base
Pavan Kapanipathi | Prateek Jain | Chitra Venkataramani | Amit Sheth

14:50

Identifying diachronic topic-based research communities by clustering shared research trajectories 🎗
Francesco Osborne | Giuseppe Scavo | Enrico Motta

SERVICES, PROCESSES AND CLOUD COMPUTING
Room Hermes/Apollon | Tuesday 27th | 14:50 - 15:15
Session Chair : Freddy Lecue

14:50
Linked USDL: a Vocabulary for Web-scale Service Trading
Carlos Pedrinaci | Jorge Cardoso | Torsten Leidig

DATA MANAGEMENT I
Room Hermes/Apollon | Tuesday 27th | 15:45 - 17:00
Session Chair : Maria-Esther Vidal

15:45
Pay-as-you-go Approximate Join Top-k Processing for the Web of Data
Andreas Wagner | Veli Bicer | Thanh Tran

16:10

A Framework for Iterative Signing of Graph Data on the Web 💬
Andreas Kasten | Ansgar Scherp | Peter Schauß

16:35

Perplexity of Index Models over Evolving Linked Data
Thomas Gottron | Christian Gottron

NATURAL LANGUAGE PROCESSING
Room Polymnia/Erato/Kalia/Melpo | Tuesday 27th | 15:45 - 17:00
Session Chair: Harith Alani

15:45

NLP data cleansing based on Linguistic Ontology constraints 🏅
Dimitris Kontokostas | Martin Brümmer | Sebastian Hellmann | Jens Lehmann | Lazaros Ioannidis

16:10

Using Semantic and Domain-based Information in CLIR Systems
Mauro Dragoni | Alessio Bosca | Matteo Casu | Chiara Di Francescomarino

SEMANTIC WEB POLICIES, RIGHTS AND GOVERNANCE
Room Polymnia/Erato/Kalia/Melpo | Tuesday 27th | 16:35 - 17:00
Session Chair : Pompeu Casanovas

16:35

These are your rights: A Natural Language Processing Approach to Automated RDF Licenses
Generation
Elena Cabrio | Alessio Palmero Aprosio | Serena Villata

EU PROJECT NETWORKING SESSION
Room Orpheas | Tuesday 27th | 17:00 - 18:30
Session Chairs: Mari Carmen Suarez de Figueroa Baonza | Sergio Consoli

17:00 - 17:30
One-minute madness: EU Project presentations

17:30- 18:30
EU networking round tables

CityPulse: Real-Time IoT Stream Processing and Large-scale Data Analytics for Smart City Applications
Payam Barnaghi | Ralf Tönjes | Jan Holler | Manfred Hauswirth | Amit Sheth | Pramod Anantharam

The GeoKnow Project
Jens Lehmann | Axel-Cyrille Ngonga Ngomo

LinkedTV: Web and TV seamlessly interlinked using semantic technology
Lyndon Nixon | Raphaël Troncy.

PERICLES EU Integrated Project: Research Strategy and First Results
Efstratios Kontopoulos | Fabio Corubolo | Anna Grit Eggers | Jens Ludwig | Mark Hedges | Simon Waddington | Jean-Pierre Chanod | Jean-Yves Vion-Dury | Nikolaos Lagos | Adil Hasan | Sándor Darányi | Ioannis Kompatsiaris

PlanetData: A European Network of Excellence on Large-Scale Data Management
Irini Fundulaki

BioASQ: A challenge on large-scale biomedical semantic indexing and question answering
Georgios Paliouras | Yannis Almirantis | Michael Alvers | Ion Androutsopoulos | Thierry Artieres | Georgios Balikas | Liliana Barrio-Alvers | Nicolas Baskiotis | Norman Heino | Patrick Gallinari | Eric Gaussier | Anastasia Krithara | Prodromos Malakasiotis | Axel-Cyrille Ngonga Ngomo | Ioannis Partalas | John Pavlopoulos | Dimitris Polychronopoulos | Michael Schroeder | George Tsatsaronis | Dirk Weissenborn | Matthias Zschunke.

SemaGrow: Data Intensive Techniques to Boost the Real-Time Performance of Global
Agricultural Data Infrastructures
Angelos Charalambidis | Stasinos Konstantopoulos

COINVENT: Concept Invention Theory - Ontologies and Semantic Web Technologies
for Concept Invention
Marco Schorlemmer | Alan Smaill | Kai-Uwe Kuehnberger | Oliver Kutz | Simon Colton |
Emilios Cambouropoulos | Alison Pease.

COMSODE: Component Supporting the Open
Andrea Maurino

EUCLID: EdUcational Curriculum for the usage of LInked Data
Elena Simperl

SIFEM: Using semantic technologies to support Finite Element biosimulations
Andre Freitas | Ratnesh Sahay

The Linked Data Benchmark Council (LDBC)
Ioan Toma | Irini Fundulak | Vladimir Alexiev

EPPICS: Event Prediction and Decision Support based on Huge Data from Physical-Social Systems
Lars Schmidt-Thieme | Achim Rettinger

Linked Open Earth Observation Data: The LEO Project
Manolis Koubarakis | Ioannis Vlachopoulos

MULTISENSOR: Mining and Understanding of multilinguaL contenT for Intelligent
Sentiment Enriched coNtext and Social Oriented inteRpretation
Stefanos Vrochidis | Ioannis Kompatsiaris | Vladimir Alexiev | Gerard Casamayor | Enric Staro-
miejski | Ioannis Arapakis | Reinhard Busch | Michael Jugov | Nicolaus Heise | Teresa Forrellat |
Anastasia Moumtzidou | Maurice Grinberg | Leo Wanner, Alan Mas Soro | Iris Miliarak | Vera Aleksi
| Mirja Eckhoff | Tilman Wagner | Sara Pedraz

SEMANCO Semantic Tools for Carbon Reduction in Urban Planning
Leandro Madrazo | Alvaro Sicilia | German Nemirovski.

READY4SmartCities: ICT Roadmap and Data Interoperability for Energy Systems in Smart Cities
Raúl García-Castro | Asunción Gómez-Pérez.

Managing Risks and Opportunities in Online Business Communities: The ROBUST Project
Thomas Gottron | Steffen Staab

PRELIDA - Preserving Linked Data
Grigoris Antoniou | Sotiris Batsakis

AnnoMarket – Multilingual Text Analytics at Scale on the Cloud
Marin Dimitrov | Helen Lippell | Ian Roberts | Petar Kostov | Hamish Cunningham | Philippe Rigaux

DaPaaS – A Data- and Platform-as-a-Service Approach to Efficient Open Data Publication and Consumption
Marin Dimitrov | Dumitru Roman | Bill Roberts | Tony Lee | Tom Heath | Momchill Zarev.

xLiMe: Cross-lingual Cross-media Knowledge Extraction
Achim Rettinger

XLike: Cross-lingual Knowledge Extraction
Marko Grobelnik | Achim Rettinger

Khresmoi: semantics in medical search
Henning Müller | Allan Hanbury | Angus Roberts | Konstantin Pentchev | Vassil Momtchev

Fusepool (SME) for Information Pooling for Product/Service Development and Research
Michael Kaschesky

LIDER: Linked Data as an enabler of cross-media and multilingual content analytics
for enterprises across Europe
Philipp Cimiano

BYTE - Big data roadmap and cross disciplinarY community for addressing socieTal Externalities
José María García | Kush Wadhwa | Hans Lammerant | Lorenzo Bigagli | Arild Waaler | Edward Curry | Peter Stefan | Scott Cunningham | Stéphane Grumbach | Grunde Løvoll | Sebnem Rusitschka

ReThinkBig Collaborative Support Action
Gaelle Lortal | Christophe Gouguenheim | David Faure | Claire Laudy | Rethinkbig Consortium Disse-mination Lead

AI MASHUP CHALLENGE
Room Thalia/Efterpi | Tuesday 27th | 18:00 - 18:30
Session Chair: Ioannis Papdakis

01. An Approach for Incremental Entity Resolution at the Example of Social Media Data
    Ansgar Scherp

02. Open Linked Widgets Mashup Platform
    Dat Trinh Tuan

03. SEMashup - Making Use of Linked Data for Generating Enhanced Snippets
    Pierre-Edouard Portier

04. Augmented Participation to Live Events through Social Network Content Enrichment
    Daniele Dell'Aglio

05. conTEXT - A Mashup platform for Lightweight Text Analytics
    Ali Khalili

LINKEDUP CHALLENGE
Room: Thalia/Efterpi Tuesday 27th 18:00 - 18:30
Session Chair: Stefan Dietze

LinkedUp Challenge Introduction - Minute Madness Presentation by LinkedUp competing paricipants.

SEMANTIC WEB EVALUATION CHALLENGES (SEMWEBEVAL 2014)
Room: Polymnia/Erato | Tuesday 27th | 17:00 - 18:30
Session Chair: Milan Stankovic

This year, for the first time, ESWC will include the SemWebEval Track: Three challenges, which feature state of the art and groundbreaking contributions - applications that deal with some of the most interesting challenges that the Semantic Web community is facing. A total amount of 2100 euros will be distributed among the best systems as challenges prizes. The evaluation datasets, task descriptions, and best systems presented in the context of SemWebEval will be the focus of a Semantic Web Journal special issue dedicated to ESWC 2014. In this session the Challenges Chairs will briefly describe the challenge tasks, the evaluation process and material. The competing contributions will be presented as posters and demos immediately after this session at the Beach Bar.

17:00
Semantic Publishing Challenge: presentation of tasks
Angelo Di Iorio | Christoph Lange

17:30
Linked Open Data-enabled Recommender Systems Challenge: presentation of tasks
Ivan Cantador | Tommaso Di Noia

18:00
Concept-Level Sentiment Analysis Challenge: presentation of tasks
Erik Cambria | Diego Reforgiato

SEMANTIC PUBLISHING CHALLENGE

ROHub – A digital library of Research Objects supporting scientists towards reproducible science
Raul Palma | Oscar Corcho | José Manuel Gómez-Pérez | Cezary Mazurek

Unstable markup: A template-based information extraction from web sites with unstable markup
Maxim Kolchin | Fedor Kozlov

Linkitup: Semantic Publishing of Research Data
Rinke Hoekstra | Paul Groth | Marat Charlaganov

Understanding Research Dynamics
Francesco Osborne | Enrico Motta

Semantify CEUR-WS Proceedings: towards the automatic generation of highly descriptive scholarly publishing Linked Datasets
Francesco Ronzano | Gerard Casamayor Del Bosque | Horacio Saggion

Extraction of workshop proceedings in HTML using the RML mapping language
Anastasia Dimou | Miel Vander Sande | Pieter Colpaert | Laurens De Vocht | Ruben Verborgh | Erik Mannens | Rik Van de Walle

Faceted Semantic Search for Scientific Publications
Iana Atanassova | Marc Bertin

Hybrid Approach for the Semantic Processing of Scientific Papers
Marc Bertin | Iana Atanassova

LINKED OPEN DATA-ENABLED RECOMMENDER SYSTEMS CHALLENGE

Hybrid Recommending Exploiting Multiple DBPedia Language Editions
Ladislav Peska | Peter Vojtas

A Hybrid Multi-Strategy Recommender System Using Linked Open Data
Petar Ristoski | Eneldo Loza Mencía | Heiko Paulheim

Exploring Semantic Features for Producing Top-N Recommendation Lists from Binary User Feedback
Nicholas Ampazis | Theodoros Emmanouilidis

Aggregation Strategies for Linked Open Data-enabled Recommender Systems
Pierpaolo Basile | Cataldo Musto | Marco De Gemmis | Pasquale Lops | Fedelucio Narducci |
Giovanni Semeraro

SemStim at the LOD-RecSys 2014 challenge
Benjamin Heitmann | Conor Hayes

LODify: A Hybrid Recommender System based on Linked Open Data
Rouzbeh Meymandpour | Joseph Davis
Popular Books and Linked Data: Some Results for the ESWC'14 RecSys Challenge
Michael Schuhmacher | Christian Meilicke

Semantic Pattern-based Recommender
Valentina Maccatrozzo | Davide Ceolin | Lora Aroyo | Paul Groth

Increasing Top-20 diversity through recommendation post-processing
Matevz Kunaver | Tomaz Pozrl | Stefan Dobravec | Andrej Kosir

Hybrid model rating prediction with Linked Open Data for Recommender Systems
Andrés Moreno | Christian Ariza-Porras | Paula Lago | Claudia Lucía Jiménez-Guarín | Harold Castro |
Michel Riveill

Deep Learning of Semantic Word Representations to Implement a Content-based
Recommender for the RecSys Challenge'14
Omar U. Florez

CONCEPT-LEVEL SENTIMENT ANALYSIS CHALLENGE

A Fuzzy System For Semantic Sentiment Analysis
Mauro Dragoni | Andrea Tettamanzi | Celia Da Costa Pereira

Lechuzo: Weakly-Supervised System for Fine-Grained Sentiment Analysis
Nir Ofek | Lior Rokach

Semantic Lexicon Induction for Concept-level Sentiment Analysis
Pablo Mendes | Anni Coden | Daniel Gruhl | Neal Lewis | Meena Nagarajan | Cartic Ramakrishnan |
Michael Tannenblatt | Steve Welch

Sentic Demo: A Hybrid Concept Level Aspect Based Sentiment Analysis Toolkit
Soujanya Poria | Alexander Gelbukh

Sinica Semantic Parser for ESWC'14 Concept-Levle Semantic Analysis Challenge
Shafqat Mumtaz Virk | Yann-Huei Lee | Lun-Wei Ku

Improve Polarity Detection of Online Reviews with Bag-of-Sentimental-Concepts
Jay Kuan-Chieh Chung | Chi-En Wu | Richard Tzong-Han Tsai

EU PROJECT POSTERS
SEMANTIC WEB EVALUATION CHALLENGES ,
AI MASHUP CHALLENGE, LINKEDUP CHALLENGE
Beach Bar | Tuesday 27th | 19:00 - 21:30

Dinner in form of a buffet as well as drinks will be provided during the session at the Beach Bar.

Wednesday, May 28th

Main Conference Day II

ANNOUCEMENTS
Room Hermes/Apollon | Wednesday 28th | 09:15 - 09:30

KEYNOTE SPEECH
Room Hermes/Apollon | Wednesday 28th | 09:30 - 10:30
Session Chair: Valentina Presutti
Luciano Floridi | "Coordination, Semantics, and Autonomy"

REASONING
Room Hermes/Apollon | Wednesday 28th | 11:00 - 12:40
Session Chair : Sebastian Rudolph

11:00
Scaling Parallel Rule-based Reasoning 🏅
Martin Peters | Christopher Brink | Sabine Sachweh | Albert Zündorf

11:25
A Probabilistic Approach for Integrating Heterogeneous Knowledge Sources
Arnab Dutta | Christian Meilicke | Simone Ponzetto.

11:50
WaterFowl: a Compact, Self-indexed and Inference-enabled RDF Store
Olivier Curé | Guillaume Blin | Dominique Revuz | David Célestin Faye

12:15
Ontology-Based Data Access Using Rewriting, OWL 2 RL Systems and Repairing
Giorgos Stoilos

MACHINE LEARNING
Room Polymnia/Erato/Kalia/Melpo | Wednesday 28th | 11:00 - 12:40
Session Chair: Lise Getoor

11:00
Dedalo: looking for Clusters Explanations in a Labyrinth of Linked Data 🔯
Ilaria Tiddi | Mathieu D'Aquin | Enrico Motta

11:25
A Knowledge Based Approach for Tackling Mislabeled Multi-class Big Social Data
Huakang Li | Yi Liu, Mingyi Guo | Bei Xu

11:50
Thomas Gottron, Ansgar Scherp and Stefan Scheglmann.
Providing Alternative Declarative Descriptions for Entity Sets using Parallel Concept Lattices 🎖
Thomas Gottron | Ansgar Scherp | Stefan Scheglmann

12:15
Unsupervised Link Discovery Through Knowledge Base Repair 💬
Axel-Cyrille Ngonga Ngomo | Mohamed Sherif | Klaus Lyko

LINKED OPEN DATA II
Room Hermes/Apollon | Wednesday 28th | 14:00 - 15:20
Session Chair : Vojtech Svatek

14:00
SPARQL Query Verbalization for Explaining Semantic Search Engine Queries
Basil Ell | Andreas Harth | Elena Simperl

14:25

Optimising Linked Data Queries Using Runtime Statistics in the Presence of Co-reference 🗨

Xin Wang | Thanassis Tiropanis | Hugh C. Davis.

14:50

Survey on Common Strategies of Vocabulary Reuse in Linked Open Data Modeling

Johann Schaible | Thomas Gottron | Ansgar Scherp

COGNITION AND SEMANTIC WEB
Room Polymnia/Erato/Kalia/Melpo | Wednesday 28th | 14:00 - 15:20
Session Chair: Aldo Gangemi

14:00

The usability of Description Logics: Understanding the cognitive difficulties presented by Description Logics 🞐

Paul Warren | Paul Mulholland | Trevor Collins | Enrico Motta

14:25

NL-Graphs: A Hybrid Approach toward Interactively Querying Semantic Data 🎗

Khadija Elbedweihy | Suvodeep Mazumdar | Stuart N. Wrigley | Fabio Ciravegna

14:50

Evaluating citation functions in CiTO: cognitive issues 🞐

Paolo Ciancarini | Angelo Di Iorio | Andrea Giovanni Nuzzolese | Silvio Peroni | Fabio Vitali

DATA MANAGEMENT II
Session Chair: Jacco van Ossenbruggen

15:50
HiBISCuS: Hypergraph-Based Source Selection for SPARQL Endpoint Federation
Muhammad Saleem | Axel-Cyrille Ngonga Ngomo

16:15
Generating Synthetic RDF Data with Connected Blank Nodes for Benchmarking
Christina Lantzaki | Thanos Yannakis | Yannis Tzitzikas | Anastasia Analyti

16:35
Distributed Keyword Search over RDF via MapReduce 🔅
Roberto De Virgilio | Antonio Maccioni

IN-USE & INDUSTRIAL II
Session Chair: Evelyne Viegas

15:50
Seeding Structured Data by Default via Open Source Library Systems
Dan Scott

16:15
How to Efficiently Find a Partner? An Evaluation of Editing Approaches to Construct R2RML Mappings
Christoph Pinkel | Carsten Binnig | Peter Haase | Clemens Martin | Kunal Sengupta | Johannes Trame

16:35
Towards Portable Shopping Histories: Using GoodRelations to Expose Ownership Information to E-Commerce Sites
László Török | Martin Hepp

PANEL: "DATA PROTECTION AND SECURITY ON THE WEB"
Room Hermes/Apollon | Wednesday 28th | 17:00 - 18:30
Session Chair: Valentina Presutti, STLab ISTC-CNR, IT
Panelists: Harith Alani (KIM Open University, UK) | Pompeu Casanova (Universitat Autònoma de Barcelona, ES) | Luciano Floridi (University of Oxford, UK) | Fabien Gandon (Inria, FR) | Aldo Gangemi (Université Paris 13- CNRS, FR / ISTC-CNR Rome, IT) | Steffen Staab (Universität Koblenz-Landau, DE | Maria Esther Vidal (Universidad Simón Bolívar, VE) | Evelyne Viegas (Microsoft Research, US)

On March 12th, in occasion of the 25th birthday of the World Wide Web, Sir Tim Berners-Lee made an open call for a "Magna Carta" to protect Web users. He said: "It's time for us to make a big communal decision. In front of us are two roads — which way are we going to go? Are we going to continue on the road and just allow the governments to do more and more and more control — more and more surveillance? Or are we going to set up a bunch of values? Are we going to set up something like a Magna Carta for the World Wide Web and say, actually, now it's so important, so much part of our lives, that it becomes on a level with human rights?"
We all know that guaranteeing privacy and security at the same time in a world without the WWW is a challenge, and that each country addresses it in a different way by means of local regulations as well as international agreements. Identifying the right tradeoff on the Web is probably even more complicated, as we deal with a virtual world, where geographical borders loose their importance and role.

The aim of this panel is to identify and discuss the most important issues that should be addressed in order to guarantee web users privacy, on one hand, without putting their security in danger, and web users security, on the other hand, without limiting their freedom by invading their private lives. Can semantics play any role in this trade-off?

We ask our panelists to summarize in three main statements their view on, and possibly their solution to, this problem, hence giving their advice to the definition of a Web users "Magna Carta". This vision is also supported by the "Web We Want" initiative launched by the Web Foundation for gathering people from around the world and collaboratively draft such bill of rights.

ESWC 2014 CONFERENCE GALA DINNER

Aldemar Knossos Main Pool | Wednesday, May 28th | 20:00

YOUR EVENING

19:30
WELCOMING GUESTS WITH AN APERITIVE AND LIVE MUSIC

20:30
GALA DINNER

22:00 - 23:00
LIVE MUSIC

23:00 - 02:00
DANCING WITH DJ

Thursday, May 29th
Main Conference Day III

DEMOS AND POSTERS
Room Ourania/Polymnia/Erato/Kalia/Melpo/Thalia/Efterpi/Clio | Wednesday 28th | 09:00 - 11:00

DEMOS

01 AnnoMarket - Multilingual Text Analytics at Scale on the Cloud
Marin Dimitrov | Helen Lippell | Ian Roberts | Alex Simov | Hamish Cunningham | Philippe Rigaux

02 A Demonstration of a Natural Language Query Interface to an Event-Based Semantic Web Triplestore
Richard Frost | Jonathan Donais | Eric Matthews | Wale Agboola | Robert Stewart

03 A Rule-Based System for Monitoring of Microblogging Disease Reports
Wojciech Lukasiewicz | Kia Teymourian | Adrian Paschke

04 Securing Access to Sensitive RDF Data
Vassilis Papakonstantinou | Giorgos Flouris | Irini Fundulaki | Haridimos Kondylakis

05 Publication of RDF streams with Ztreamy
Jesus Arias Fisteus | Norberto Fernandez Garcia | Luis Sanchez Fernandez | Damaris Fuentes-Lorenzo

06 SparqlFilterFlow: SPARQL Query Composition for Everyone
Florian Haag | Steffen Lohmann | Thomas Ertl

07 The ProtegeVOWL Plugin: Ontology Visualization for Everyone
Steffen Lohmann | Stefan Negru | David Bold

08 Visualizing RDF Data Cubes using the Linked Data Visualization Model
Jiri Helmich | Jakub Klimek | Martin Necasky

09 SmarT INsiGhts (STING) - An Intelligence Application for Querying Heterogeneous Databases
Vikash Kumar | Ganesh Selvaraj | Andy Shin | Paulo Gottgtroy

POSTERS

04 A Semantic Approach to Support Cross Border e-Justice
Enrico Francesconi | Ginevra Peruginelli | Ernst Steigenga | Daniela Tiscornia

05 Predicting SPARQL Query Performance
Rakebul Hasan | Fabien Gandon

06 Balloon Synopsis: A Modern Node-Centric RDF Viewer and Browser for the Web
Kai Schlegel | Thomas Weigerber | Florian Stegmaier | Christin Seifert |
Michael Granitzer | Harald Kosch

07 Annotating Ontologies with Descriptions of Vagueness
Panos Alexopoulos | Silvio Peroni | Boris Villazon-Terrazas | Jeff Z. Pan

08 Rapid Deployment of a RESTful Service for Data Collected by Oceanographic Research Cruises
Linyun Fu | Robert Arko

09 SPARQL-MM - Extending SPARQL to Media Fragments
Thomas Kurz | Sebastian Schaffert | Florian Stegmaier | Kai Schlegel | Harald Kosch

10 RuQAR : Reasoning Framework for OWL 2 RL Ontologies
Jaroslaw Bak | Maciej Nowak | Czeslaw Jedrzejek

11 The Normalized Freebase Distance
Frederic Godin | Tom De Nies | Christian Beecks | Laurens De Vocht | Wesley De Neve |
Erik Mannens | Thomas Seidl | Rik Van de Walle

12 An Investigation of HTTP Header Information for Detecting Changes of Linked Open Data Sources
Renata Dividino | Andre Kramer | Thomas Gottron

13 rdf:SynopsViz - A Framework for Hierarchical Linked Data Visual Exploration and Analysis
Nikos Bikakis | Melina Skourla | George Papastefanatos

KEYNOTE SPEECH
Room Hermes/Apollon | Thursday 29th | 11:30 - 12:30
Session Chair: Claudia D'Amato
Lise Getoor: "Combining Statistics and Semantics to Turn Data into Knowledge"

LINKED OPEN DATA III
Room Hermes/Apollon | Thursday 29th | 14:00 - 15:15
Session Chair: Abraham Bernstein

14:00
Generating and Summarizing Explanations for Linked Data
Rakebul Hasan

14:25
Hybrid Acquisition of Temporal Scopes for RDF Data
Anisa Rula | Matteo Palmonari | Axel-Cyrille Ngonga Ngomo | Daniel Gerber | Jens Lehmann | Lorenz Bühmann

14:50
Detecting Incorrect Numerical Data in DBpedia
Dominik Wienand | Heiko Paulheim

VOCABULARIES, SCHEMAS, ONTOLOGIES
Room Polymnia/Erato/Kalia/Melpo | Thursday 29th | 14:00 - 15:15
Session Chair: Martin Hepp

14:00
Object Property Matching utilizing the Overlap between Imported Ontologies
Benjamin Zapilko | Brigitte Mathiak

Towards Competency Question-driven Ontology Authoring
Yuan Ren | Artemis Parvizi | Chris Mellish | Jeff Z. Pan | Kees Van Deemter | Robert Stevens

Identifying change patterns of concept attributes in ontology evolution
Duy Dinh | Julio Cesar Dos Reis | Cedric Pruski | Marcos Da Silveira | Chantal Reynaud

BEST WORKSHOP PAPERS
Room Orpheas | Thursday 29th | 14:00 - 15:15
Session Chair: Harald Sack

01. Ontology Design Patterns: Adoption Challenges and Solutions
    Karl Hammar

02. CROCUS: Cluster-based ontology data cleansing
    Didier Cherix | Ricardo Usbeck | Andreas Both | Jens Lehmann

03. Entity-based Data Source Contextualization for Searching the Web of Data
    Andreas Wagner | Peter Haase | Achim Rettinger

04. Adapting Sentiment Lexicons using Contextual Semantics for Twitter Sentiment Analysis
    Hassan Saif | Yulan He | Mirim Fernandez | Harith Alani

05. RESTful or RESTless -- Current State of Today's Top Web APIs
    Frederik Bülthoff | Maria Maleshkova

06. Ornithology Based on Linking Bird Observations with Weather Data
    Mikko Koho | Eero Hyvönen | Aleksi Lehikoinen

07. Harvesting Ontology Authoring Data with Protégé
    Markel Vigo | Caroline Jay | Robert Stevens

08. Survey of Semantic Media Annotation Tools for the Web:
    Towards new Media Applications with Linked Media
    Lyndon Nixon | Raphaël Troncy

09. First experiments in cultural alignment repair
    Jérome Euzenat

10. Emergency vehicle routing using Geolinked Open Data for the Municipality of Catania
    Sergio Consoli | Aldo Gangemi | Andrea Giovanni Nuzzolese | Silvio Peroni |
    Diego Reforgiato | Daria Spampinato

11. Amending RDF Entities with New Facts
    Ziawasch Abedjan | Felix Naumann

12. Predicting the impact of central bank communications on financial market investors'
    interest rate expectations
    Andy Moniz | Franciska de Jong

LINKED OPEN DATA IV
Room Hermes/Apollon | Thursday 29th | 15:45 - 16:35
Session Chair: Elena Simperl

15:45
A Scalable Approach for Efficiently Generating Structured Dataset Topic Profiles
Besnik Fetahu | Stefan Dietze | Bernardo Pereira Nunes | Marco Antonio Casanova | Davide Taibi |
Wolfgang Nejdl

16:10
Facilitating Human Intervention in Coreference Resolution with Comparative Entity Summaries
Danyun Xu | Gong Cheng | Yuzhong Qu

IN-USE & INDUSTRIAL III
Room Polymnia/Erato/Kalia/Melpo | Thursday 29th | 15:45 - 16:35
Session Chair: Evelyne Viegas

15:45

"Semantics Inside!" But let's not tell the Data Miners: Intelligent Support for Data Mining
Jörg-Uwe Kietz | Floarea Serban | Simon Fischer and Abraham Bernstein.

16:10

Matware: Constructing and Exploiting Domain Specific Warehouses by Aggregating Semantic
Yannis Tzitzikas | Nikos Minadakis | Yannis Marketakis | Pavlos Fafalios | Carlo Allocca | Michalis
Mountantonakis | Ioanna Zidianaki.

WRAP-UP SESSION (WORKSHOPS, TUTORIALS, PHD SYMPOSIUM)
Room Orpheas | Thursday 29th | 15:45 - 16:35

15:45
Workshops and Tutorials Wrap-up
Session Chairs: Harald Sack | Nathalie Aussenac-Gilles

16:10
PhD Symposium Summary
Session Chairs: Steffen Staab | Mathieu d'Aquin

CLOSING AND AWARDS CEREMONY
Room Hermes/Apollon | Thursday 29th | 16:35

ESWC2014 Venues

PRECONFERENCE WORKSHOPS & TUTORIALS MAIN CONFERENCE

ALDEMAR KNOSSOS ROYAL

Anissaras, Limenas Hersonissou
700 14, Heraklion, Crete, Greece
Tel: 0030 28970 27400

REGISTRATION DESK

The Venue features a registration desk for check in. Participants must check in prior to the conference. With check in all participants will receive the necessary documents & information for the conference. On site registration is possible.
Accepted methods of payment:
Cash, Credit Card

OPENING HOURS

Sunday	08:30 - 18:00
Monday	08:30 - 18:00
Tuesday	08:00 - 18:30
Wednesday	08:00 - 18:30
Thursday	08:00 - 18:00

STI International is a global network carrying out research, education, innovation and commercialization activities on semantic technologies facilitating their deployment within industry and society at large.

STI International is organized as a collaborative association of interested scientific, industrial and governmental parties that share a common vision. STI International was kicked off in January 2007 in Berlin. STI International sets up its own research infrastructure and implements public and internal services that support the individual partner organizations in der research collaboration, standardization, dissemination and exploitation activities. STI International is active on an international level.

Neubaugasse 10/15 | A-1070 Vienna | p: +43 1 23 64 002-99 | e: office@sti2.org | w: www.sti2.org

For more information please visit the STI International Website. (www.sti2.org)