ESWC15

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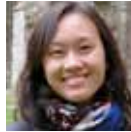University of Sheffield, UK

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WELCOME TO ESWC IN PORTOROŽ
Dobrodošli na ESWC v Portorožu

For several years now, the Web has exceeded its initial instantiation of being a document-centric space. Following its many evolutions, it has become a virtual place where people and software can cooperate within mixed communities. It supports a hybrid society where humans and Web robots interact in particular through shared metadata. These large-scale interactions create many problems, and in particular the ongoing need to reconcile the formal semantics of computer science (logics, ontologies, typing systems, etc.) on which the Web architecture is built, with the soft semantics of people (posts, tags, status, and so on) through which Web content is created.

As the Web becomes a ubiquitous infrastructure reflecting all the objects of our world, we witness ever-increasing frictions between formal semantics and social semantics. This trend is also amplified by the growing number of datasets published, interlinked and reused on the Web. This expanding Web of data, together with the schemas, ontologies and vocabularies used to structure and link it, form a formal Semantic Web with which we have to design new interaction means to support the next generation of Web applications.

Another perspective on the above can be found by considering how the initial graph of linked pages of the Web has been joined by a growing number of other graphs including: sociograms capturing social network structures, workflows specifying decision paths to be followed, browsing logs capturing trails of navigation, automata of service compositions specifying distributed processing, linked open data from distant datasets, etc.

Moreover, these graphs are distributed over many different sources with very different characteristics. Some sub-graphs are public (e.g. DBpedia), while others are private (e.g. semantic intrawebs). Some sub-graphs are small and local (e.g., a user's profile on a device), and some are huge and hosted on clusters (e.g., Wikipedia).

Introduction

Some are largely stable (e.g., a thesaurus for Latin), some change several times per second (e.g., sensor data in a city), etc. And each type of graph of the Web is not an isolated island. Graphs interact with each other: the networks of communities influence the message flows, their subjects and types, the semantic links between terms interact with the links between sites and vice versa, the small changing graphs of sensors are joined to the large stable geographical graphs that position them, etc. Not only do we need the methods to represent and analyse each kind of graph, we also require the means to combine them and to perform multi-criteria analyses on their combinations.

As soon as we want to analyse and combine these many facets of one Web, we face the general challenge of the Web. If it is true that the Web architecture is designed through standards, its participatory nature makes the Web emerge as an openly co-constructed global object. The "world-wide way" of deploying the Web everywhere and for everything implies that, as the Web is spreading into the world, the world is spreading into the Web. The resulting world "wild" Web that is being created and is evolving every day is contaminated by the complexity of

our world. This complexity implies that a huge challenge for Web development is its need for large-scale multidisciplinary cooperation: the three 'W's of the World Wide Web call for the three 'M's of a Massively Multidisciplinary Methodology, and the Semantic Web is no exception to this. The diversity of linked data within the Semantic Web is an asset to address the diversity of resources identified on the Web. But for the Semantic Web to reach its full potential, it needs in return to embrace the multidisciplinary needs of the Web. ESWC 2015 embeds the above, being a truly interdisciplinary event.

The ESWC conference is now established as a yearly major venue for discussing the latest scientific results and technology innovations related to the Semantic Web. This 12th edition took place from May 31st to June 4th 2015 in Portoroz, Slovenia. Besides having a main focus on advances in Semantic Web research and technologies, we, the Chairs of ESWC 2015, decided to broaden the scope to span other relevant research areas. The core tracks of the research conference were complemented with new tracks focusing on linking machine and human computation at Web scale (Cognition and Semantic Web, Human Computation and Crowdsourcing).

This choice also resulted in three exciting invited keynotes. Lise Getoor (University of California) explained how to combine statistics and semantics to turn data into knowledge, building on state-of-the-art optimisation methods in a distributed implementation to solve large-scale knowledge graph extraction problems. Viktor Mayer-Schönberger (Oxford Internet Institute / Oxford University) discussed why Big Data really matters a lot and why we need to be cautious and well aware of its limitations. Massimo Poesio (University of Essex) showed what crowdsourcing tells us about cognition taking the special case of a game-with-a-purpose designed to collect data about anaphora.

The main scientific programme of the conference comprised of 43 papers: 34 research and 9 in-use, selected out of 164 submissions, which corresponds to an acceptance rate of 23% for the 145 research papers submitted, and of 47% for the 19 in-use papers submitted. This programme was completed by a demonstration and poster session, in which researchers had the chance to present their latest results and advances in the form of live demos. In addition, the PhD Symposium programme included 12 contributions, selected out of 16 submissions.

To have an open, multidisciplinary and cross-fertilising event, we complemented the conference programme with 16 workshops, 9 tutorials, one hackfest, as well as 4 challenges and the EU Project Networking session. This year, an open call for challenges allowed us to select and support 5 challenges.

As General and Programme Committee chairs, we would like to thank the many people that were involved in making ESWC 2015 a success.

First of all, our thanks go to the 24 track chairs and 427 reviewers including 107 external reviewers for ensuring a rigorous blind review process that led to an excellent scientific programme and an average number of 4.75 reviews per article. This was also completed by an inspiring selection of posters and demos chaired by Serena Villata and Christophe Guéret, and by a Minute-of-Madness session organized by Olaf Hartig.

Special thanks go to the PhD symposium chairs, Claudia D'Amato and Philippe Cudré-Mauroux, who proposed and managed a very constructive organization ensuring a real mentoring to all the brilliant students who participated.

We had a great selection of workshops and tutorials thanks to the dynamism of our workshop chairs Catherine Faron and John Breslin and tutorial chairs Elena Simperl and Antoine Isaac.

Thanks to our EU Project Networking session chairs Sergio Consoli, Frédérique Segond, Jun Zhao, Erik Mannens we had the opportunity to arrange meetings and exciting discussions between the contributors of the leading research projects.

Thanks to the work of Elena Cabrio and Milan Stankovic and all the challenges chairs, we successfully established a challenge track with an open-call leading to a very useful comparison of the latest solutions for five challenge areas.

Thanks to STI International for supporting the conference organisation, to Ioan Toma (from STI) for taking care of the budget. Of course we warmly thank our local organisers, in particular Marko Grobelnik, Špela Sitar and Monika Kropej from the Jožef Stefan Institute Ljubljana. YouVivo GmbH and in particular Martina Hartl deserves special thanks for the professional support of the conference organization.

We are very grateful to Mauro Dragoni, our publicity chair who kept our community informed at every stage and Serge Tymaniuk, who administered the Website.

Our sponsor chair Blaz Fortuna played an extremely important role in collecting sponsorships for the conference, the awards and the grants. And of course we also thank our sponsors listed in the next pages, for their vital support to this edition of ESWC.

We also want to stress the huge work achieved by the Semantic Technologies coordinators Anna Lisa Gentile, Andrea Giovanni Nuzzolese, Luca Costabello, Lionel Medini and Fuqi Song who developed a new version of our "ESWC Conference Live" mobile app.

A special thanks also to our proceedings chair Antoine Zimmermann, who did a remarkable job in preparing this volume with the kind support of Springer.

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Ontotext | Ontotext provides a complete set of semantic technology transforming how organizations identify meaning across massive amounts of unstructured data. Ontotext blends text mining, powerful SPARQL queries, semantic annotation and semantic search with an RDF graph database (GraphDB™) that infers new meaning at scale. Today, Ontotext is used to power the world's largest media websites and supports knowledge management applications using tens of billions of semantic facts. Ontotext's Dynamic Semantic Publishing platform provides solutions for news, eLearning and scientific publishers. The Ontotext Insights platform addresses the needs of the life sciences market including pharmaceuticals, health care and insurance. Additional solutions are available for financial services, government, museums and archives. Ontotext technology delivers highly relevant search results for improved decision making – all in real time. Ontotext also provides S4 – The Self Services Semantic Suite - allowing developers to build text mining and semantic applications in the cloud. S4 includes text mining, reliable access to Linked Open Data for entity enrichment, GraphDB™ and developer tools. S4 is available in a hosted environment with a pay-as-you-go model. To find out more about Ontotext visit
www.ontotext.com

Silver Sponsors

STI Innsbruck | The Semantic Technology Institute (STI) Innsbruck, formerly known as DERI Innsbruck, was founded by Univ.-Prof. Dr. Dieter Fensel in 2002 and has developed into a challenging and dynamic research institute with a special focus on the Semantic Web, Semantic Web Services and Service-Oriented Architectures. STI Innsbruck has successfully completed more than 70 national and EC-funded projects, thereby fundamentally shaping the development of the Semantic Web as we know it today. STI Innsbruck collaborates with an international network of institutes in Asia, Europe and the USA, as well as with a number of global industrial partners.

STI Innsbruck is a founding member of STI International, a collaborative association of leading European and world wide initiatives, ensuring the success and sustainability of semantic technology development. STI Innsbruck utilizes this network, as well as contributing to it, in order to increase the impact of the research conducted within the institute.

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BYTE | The Big data roadmap and cross-disciplinarY community for addressing socieTal Externalities (BYTE) project will assist European science and industry in capturing the positive externalities and diminishing the negative externalities associated with big data in order to gain a greater share of the big data market by 2020. BYTE will accomplish this by leveraging the BYTE advisory board and additional network contacts to conduct a series of big data case studies in actual big data practices across a range of disciplinary and industrial sectors to gain an understanding of the economic, legal, social, ethical and political externalities that are in evidence. BYTE will supplement these case studies with a horizontal analysis that identifies how positive externalities can be amplified and negative externalities can be diminished. BYTE will culminate in the launch of the big data community, a sustainable, cross-disciplinary platform that will implement the roadmap and assist stakeholders in identifying and meeting big data challenges. Furthermore, BYTE will disseminate project findings and recommendations and publicize the big data community to a large population of stakeholders to encourage further innovation and economic competitiveness in Europe's engagement with big data.

Keynote Speakers

Lise Getoor,
University of California, US

Lise Getoor is a professor in the Computer Science Department at the University of California, Santa Cruz. Her research areas include machine learning and reasoning under uncertainty; in addition she works in data management, visual analytics and social network analysis. She has over 200 publications and extensive experience with machine learning and probabilistic modeling methods for graph and network data. She is a Fellow of the Association for Artificial Intelligence, an elected board member of the International Machine Learning Society, serves on the board of the Computing Research Association (CRA), was co-chair for ICML 2011, has served as Machine Learning Journal Action Editor, Associate Editor for the ACM Transactions of Knowledge Discovery from Data, JAIR Associate Editor, and on the AAAI Council. She is a recipient of an NSF Career Award and eight best paper and best student paper awards. She was recently recognized as one emerging research leaders in data mining and data science based on citation and impact according to KDD Nuggets. She received her PhD from Stanford University in 2001, her MS from UC Berkeley, and her BS from UC Santa Barbara, and was a professor in the Computer Science Department at the University of Maryland, College Park from 2001-2013.

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), an 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.

Viktor Mayer-Schönberger
Oxford Internet Institute,
University of Oxford, UK

Viktor Mayer-Schönberger is Professor of Internet Governance and Regulation at the Oxford Internet Institute / Oxford University. He is also a faculty affiliate of the Belfer Center of Science and International Affairs at Harvard University. In addition to the international bestseller "Big Data" (with Kenneth Cukier), Mayer-Schönberger has published ten books (including the awards-winning "Delete: The Virtue of Forgetting in the Digital Age" with Princeton University Press) and is the author of over a hundred articles and book chapters on the information economy. He was voted Top-5 Software Entrepreneur in Austria in 1991 and Person of the Year for the State of Salzburg in 2000. He has chaired the Rueschlikon Conference on Information Policy in the New Economy, bringing together leading strategists and decision-makers of the new economy. He is a frequent public speaker, and sought expert for print and broadcast media worldwide. He and his work have been featured in (among others) New York Times, Wall Street Journal, Financial Times, The Economist, Nature, Science, NPR, BBC, The Guardian, Le Monde, El Pais, Die Zeit, Der Spiegel, WIRED, Ars Technica, and Daily Kos. He is also on the boards of foundations, think tanks and organizations focused on studying the information economy, and advises governments, businesses and NGOs on new economy and information society issues.

Website: http://www.vmsweb.net/

WHY BIG DATA MATTERS - A LOT

Much has been made of "big data", our ability to gain novel insights from a comprehensive set of data points, but a lot of it is hype, and marketing-speak to sell more tools and consulting. In this talk, I will explain what Big Data really is, why it isn¹t just a marketing fad or the tool du jour, but a new way of making sense of the world around us, and consequently why Big Data matters a great deal, in particular also in the context of semantic technologies. But I will also mention why we need to be cautious and well aware of Big Data limitations when utilizing it.

Massimo Poesio
University of Essex, UK

Massimo Poesio is a Professor in the School of Computer Science and Electronic Engineering, University of Essex. He obtained his PhD in Computer Science from the University of Rochester (USA) in 1994, and was a EPSRC Advanced Research Fellow at the University of Edinburgh from 1994-2001, and a professor in Digital Humanities at the University of Trento. He is a cognitive scientist with a particular focus on human language technology; his research interests include computational models of semantic interpretation, particularly anaphora resolution; the creation of large corpora of semantically annotated data, also using games-with-a-purpose (www.phrasedetectives. org); the study of conceptual knowledge using a combination of methods from human language technology and from neuroscience; and deception detection.

Website: http://csee.essex.ac.uk/staff/poesio

WHAT CROWDSOURCING TELLS US ABOUT COGNITION: THE CASE OF ANAPHORA

Crowdsourcing is usually seen primarily as an inexpensive and quick way of creating large resources for a variety of Artificial Intelligence tasks. However, our work with Phrase Detectives, a game-with-a-purpose designed to collect data about anaphora, suggests that collecting large numbers of judgments about very large amounts of data also tells us a lot about the extent to which human subjects agree or disagree about the interpretation of such data. In the talk I will introduce Phrase Detectives and discuss our results and their implications.

Programme Summary

Workshops, Tutorials

Sunday, May 31st, 2015

	Aurora 1	Aurora 2	Aurora 3	Mediteranea 1	Mediteranea 2	Adria 1	Adria 2	Pharos	Nautilus
09:30 - 10:30	**Workshop** Know@LOD Knowledge Discovery and Data Mining Meets Linked Open Data	**Workshop** WaSABI Semantic Web Enterprise Adoption and Best Practice	**Workshop** RDF Stream Processing	**Workshop** Developers	**Workshop** Diachron Managing the Evolution and Preservation of the Data Web		**Tutorial** Mobile LD App: How to develop mobile Linked Data apps in 10 mins!	**Tutorial** ELDSCID: Enterprise Linked Data Strategies & Commercialization of Interlinked Data	**Tutorial** Comp Soc Sci Computational Social Science For the Semantic Web
10:30 - 11:00	**Coffee break**								
11:00 - 12:30	**Workshop** Know@LOD Knowledge Discovery and Data Mining Meets Linked Open Data	**Workshop** WaSABI Semantic Web Enterprise Adoption and Best Practice	**Workshop** RDF Stream Processing	**Workshop** Developers	**Workshop** Diachron Managing the Evolution and Preservation of the Data Web		**Tutorial** Mobile LD App: How to develop mobile Linked Data apps in 10 mins!	**Tutorial** ELDSCID: Enterprise Linked Data Strategies & Commercialization of Interlinked Data	**Tutorial** Comp Soc Sci Computational Social Science For the Semantic Web
12:30 - 14:00	**Lunch break**								
14:00 - 15:30	**Workshop** Know@LOD Knowledge Discovery and Data Mining Meets Linked Open Data	**Workshop** USEWOD Using the Web in the Age of Data	**Workshop** RDF Stream Processing	**Workshop** Developers	**Workshop** DeRIVE Detection, Representation, and Exploitation of Events in the Semantic Web	**Tutorial** LDP4j: Building Data applications with W3C Linked Data Platform and LDP4j framework	**Tutorial** Mobile LD App: How to develop mobile Linked Data apps in 10 mins!	**Tutorial** Soc Med Gate Practical Annotation and Processing of Social Media with GATE	**Workshop** PhiloWeb
15:30 - 16:00	**Coffee break**								
16:00 - 17:30	**Workshop** Know@LOD Knowledge Discovery and Data Mining Meets Linked Open Data	**Workshop** USEWOD Using the Web in the Age of Data	**Workshop** RDF Stream Processing	**Workshop** Developers	**Workshop** DeRIVE Detection, Representation, and Exploitation of Events in the Semantic Web	**Tutorial** LDP4j: Building Data applications with W3C Linked Data Platform and LDP4j framework	**Tutorial** Mobile LD App: How to develop mobile Linked Data apps in 10 mins!	**Tutorial** Soc Med Gate Practical Annotation and Processing of Social Media with GATE	**Workshop** PhiloWeb

Workshops, Tutorials, Hackfest, PhD Symposium

Monday, June 1st, 2015

	Aurora 1	Aurora 2	Aurora 3	Daphnia	Nautilus	Mediteranea 1	Mediteranea 2	Adria 1	Adria 2	Pharos
09:00 - 10:30	**Tutorial** Linked Geo 2015 Publishing and Interlinking Linked Geospatial Data	**Tutorial** VisLOD 2015 Visual Analytics with Linked Open Data and Social Media	**Tutorial** SDA-SmartCity 2015 Semantics and Data Analytics for Smart City Applications	**Hackfest** Microcontrollers Hackfest 2015	**Workshop** SumPre+HSWI Summarizing and Presenting Entities and Ontologies; Human Semantic Web Interaction	**Workshop-** Multilingual 2015 Multilingual Semantic Web	**Workshop-** SALAD 2015 Services and Applications over Linked APIs and Data	**PhD Symposium**	**Workshop** LDQ 2015 Linked Data Quality	**Workshop** SW4SH Semantic Web for Scientific Heritage
10:30 - 11:00	**Coffee break**									
11:00 - 12:30	**Tutorial** Linked Geo 2015 Publishing and Interlinking Linked Geospatial Data	**Tutorial** VisLOD 2015 Visual Analytics with Linked Open Data and Social Media	**Tutorial** SDA-SmartCity 2015 Semantics and Data Analytics for Smart City Applications	**Hackfest** Microcontrollers Hackfest 2015	**Workshop** SumPre+HSWI Summarizing and Presenting Entities and Ontologies; Human Semantic Web Interaction	**Workshop-** Multilingual 2015 Multilingual Semantic Web	**Workshop-** SALAD 2015 Services and Applications over Linked APIs and Data	**PhD Symposium**	**Workshop** LDQ 2015 Linked Data Quality	**Workshop** SW4SH Semantic Web for Scientific Heritage
12:30 - 14:00	**Lunch break**									
14:00 - 15:30	**Tutorial** Linked Geo 2015 Publishing and Interlinking Linked Geospatial Data	**Tutorial** E-Commerce The Web of Data for E-Commerce for Researchers and Practitioners	**Tutorial** SDA-SmartCity 2015 Semantics and Data Analytics for Smart City Applications	**Workshop** PROFILES Dataset PROFIling and fEderated Search for Linked Data	**Workshop** Legal SW Legal Domain And Semantic Web Applications	**Workshop-** Multilingual 2015 Multilingual Semantic Web	**Workshop-** SALAD 2015 Services and Applications over Linked APIs and Data	**PhD Symposium**	**Workshop** NoISE Negative or Inconclusive rEsults in Semantic web	**Workshop** SW4SH Semantic Web for Scientific Heritage
15:30 - 16:00	**Coffee break**									
16:00 - 17:30	**Tutorial** Linked Geo 2015 Publishing and Interlinking Linked Geospatial Data	**Tutorial** E-Commerce The Web of Data for E-Commerce for Researchers and Practitioners	**Tutorial** SDA-SmartCity 2015 Semantics and Data Analytics for Smart City Applications	**Workshop** PROFILES Dataset PROFIling and fEderated Search for Linked Data	**Workshop** Legal SW Legal Domain And Semantic Web Applications	**Workshop-** Multilingual 2015 Multilingual Semantic Web	**Workshop-** SALAD 2015 Services and Applications over Linked APIs and Data	**PhD Symposium**	**Workshop** NoISE Negative or Inconclusive rEsults in Semantic web	**Workshop** SW4SH Semantic Web for Scientific Heritage

Main Conference Day

Tuesday, June 2nd, 2015 (09:00 -16:00)

	Room Emerald 1/2 TRACK 1	Room Mediteranea 1/2 TRACK 2	Room: Adria 1/2 CHALLENGES
09:00 -09:30	**Opening Ceremony** General Chair: Fabien Gandon Local Chair: Marko Grobelnik		
09:30 -10:30	**Invited Talk** Viktor Mayer-Schönberger: " Why Big Data Matters - a lot"		
10:30 - 11:00	**Coffee Break**		
11:00 - 12:30	**Natural Language Processing** Session Chair: Leon Derczynski	**Reasoning** Session Chair: Claudia D'Amato	
11:00	Achim Rettinger, Artem Schumilin, Steffen Thoma and Basil Ell. Learning a Cross-Lingual Semantic Representation of Relations Expressed in Text	Martin Peters, Sabine Sachweh and Albert Zündorf. Large scale rule-based Reasoning using a Laptop	
11:30	Ricardo Usbeck, Axel-Cyrille Ngonga Ngomo, Lorenz Bühmann and Christina Unger. HAWK – Hybrid Question Answering using Linked Data	Olaf Hartig and Giuseppe Pirrò. A Context-Based Semantics for SPARQL Property Paths over the Web 🏅	
12:00	Manuel Fiorelli, Armando Stellato, John P. Mccrae, Philipp Cimiano and Maria Teresa Pazienza. LIME: the Metadata Module for OntoLex	Raghava Mutharaju, Pascal Hitzler, Prabhaker Mateti and Freddy Lecue. Distributed and Scalable OWL EL Reasonings	
12:30 - 14:00	**Lunch**		
14:00 - 15:30	**Mobile Sensors, Services & Web of Things** Session Chair : Carlos Pedrinaci	**Semantic Data Management & Big Data 1** Session Chair: Olivier Curé	**Challenges**
14:00	Laurens Rietveld, Ruben Verborgh, Wouter Beek, Miel Vander Sande and Stefan Schlobach. Data as a Service: The Semantic Web Redeployed	Dilshod Ibragimov, Katja Hose, Torben Bach Pedersen and Esteban Zimanyi. Processing Aggregate Queries in a Federation of SPARQL Endpoints	Presentation of the Challenges Track (Mauro Dragoni, on behalf of the chairs)
14:30	Sebastian Käbisch, Daniel Peintner and Darko Anicic. Standardized and Efficient RDF Encoding for Constrained Embedded Networks	Géraud Fokou, Stephane Jean and Allel Hadjali. Intelligent and Efficient Techniques for RDF Query Relaxation	Open Knowledge Extraction challenge (OKE): presentation of tasks
15:00	Xiaoqi Cao, Patrick Kapahnke and Matthias Klusch. SPSC: Efficient Composition of Semantic Services in Unstructured P2P Networks	Joachim Van Herwegen, Ruben Verborgh, Erik Mannens and Rik Van de Walle. Query Execution Optimization for Clients of Triple Pattern Fragments ✴	Sentiment Analysis challenge: presentation of tasks
15:30 - 16:00	**Coffee Break**		**CHALLENGES POSTERS**

Main Conference Day
Tuesday, June 2nd, 2015 (16:00 -21:30)

	Room Emerald 1/2 TRACK 1	Room Mediteranea 1/2 TRACK 2	Room: Adria 1/2 CHALLENGES
16:00 - 17:30	**Cognition & Web Science** Session Chair: Raphaël Troncy	In Use & Industry 1 Session Chair: Alasdair Gray	**Challenges**
16:00	Fadi Maali, Stéphane Campinas and Stefan Decker. Gagg: A Graph Aggregation Operator	Heiner Oberkampf, Turan Gojayev, Sonja Zillner, Dietlind Zühlke, Sören Auer and Matthias Hammon. From Symptoms to Diseases -- Creating the Missing Link	Semantic Publishing challenge: presentation of tasks
16:30	Jacobo Rouces, Gerard de Melo and Katja Hose. FrameBase: Representing N-ary Relations using Semantic Frames	Harry Halpin and Francesca Bria. Crowdmapping Digital Social Innovation with Linked data	Schema-agnostic Queries over Linked Data: SAQ-2015: presentation of tasks
17:00	Genevieve Gorrell, Johann Petrak and Kalina Bontcheva. LOD-based Disambiguation of Named Entities in @tweets through Context #enrichment	Yolanda Gil, Felix Michel, Varun Ratnakar, Paul Hanson, Hilary Dugan, Jordan Read, Christopher Duffy and Matheus Hauder. Supporting Open Collaboration in Science through Explicit and Linked Semantic Description of Processes	
17:30	**Minute of Madness** Session Chair: Olaf Hartig		
19:00	**Welcome Reception - Terrace International**		

Main Conference Day

Wednesday, June 3rd, 2015 (09:00 -16:00)

	Room Emerald 1/2 TRACK 1	Room Mediteranea 1/2 TRACK 2	Room Adria 1/2 EU PROJECT NETWORKING
9:00 - 9:30	**Annoucements**		
9:30 - 10:30	**Invited Talk** Lise Getoor: "Combining Statistics and Semantics to Turn Data into Knowledge"		
10:30 - 11:00	**Coffee Break**		
11:00 - 12:30	**Crowdsourcing & Web Science** Session Chair : Gianluca Demartini	**Machine Learning** Session Chair: Heiko Paulheim	
11:00	Pierre-Edouard Portier, Mazen Alsarem, Sylvie Calabretto and Harald Kosch. Ranking Entities in the Age of Two Webs, An Application to Semantic Snippets	Mohamed Ahmed Sherif, Axel-Cyrille Ngonga Ngomo and Jens Lehmann. Automating RDF Dataset Transformation and Enrichment	
11:30	Oluwaseyi Feyisetan, Markus Luczak-Roesch, Elena Simperl and Ramine Tinati. Towards hybrid NER: a study of content and crowdsourcing-related performance factors 💬	Ramnandan Krishnamurthy, Amol Mittal, Craig Knoblock and Pedro Szekely. Assigning Semantic Labels to Data Sources	
12:00	Revathy Krishnamurthy, Pavan Kapanipathi, Amit Sheth and Krishnaprasad Thirunarayan. Knowledge Enabled Approach to Predict the Location of Twitter Users	Giuseppe Rizzo, Claudia D'Amato, Nicola Fanizzi and Floriana Esposito. Inductive Classification through Evidence-based Models and their Ensembles	
12:30 - 14:00	**Lunch & Ph.D Mentoring Lunch**		**Lunch & Ph.D Mentoring Lunch**
14:00 - 15:30	**Semantic Data Management & Big Data 2** Session Chair: Olaf Hartig	**Ontology Matching & Summarization** Session Chair: Antoine Zimmermann	**EU project Networking** Introduction and one-minute-madness for EU projects
14:00	José M. Giménez-Garcia, Javier D. Fernández and Miguel A. Martinez-Prieto. HDT-MR: A Scalable Solution for RDF Compression with HDT and MapReduce	Mayank Kejriwal and Daniel P. Miranker. Semi-supervised Instance Matching Using Boosted Classifiers	
14:30	Kjetil Kjernsmo. A survey of HTTP caching implementations on the open Semantic Web	Valentina Ivanova, Patrick Lambrix and Johan Åberg. Requirements for and Evaluation of User Support for Large-Scale Ontology Alignment	
15:00	Hamid R. Bazoobandi, Steven De Rooij, Jacopo Urbani, Annette Ten Teije, Frank Van Harmelen and Henri Bal. A Compact In-Memory Dictionary for RDF data	Georgia Troullinou, Haridimos Kondylakis, Evangelia Daskalaki and Dimitris Plexousakis. RDF Digest: Efficient Summarization of RDF/S KBs 🎖	
15:30 - 16:00	**Coffee Break**		**EU project posters**

Main Conference Day
Wednesday, June 3rd, 2015 (16:00 -17:30)

	Room Emerald 1/2 TRACK 1	Room Mediteranea 1/2 TRACK 2	Room Adria 1/2 EU PROJECT NETWORKING
16:00 - 17:30	**Ontologies** Session Chair: Silvio Peroni	**In Use & Industry 2** Session Chair: Alexandre Monin	**EU project Networking** Thematic discussion tables
16:00	Gerhard Wohlgenannt. Leveraging and Balancing Heterogeneous Sources of Evidence in Ontology Learning	Panos Alexopoulos, Ronald Denaux and Jose Manuel Gomez-Perez. Troubleshooting and Optimizing Named Entity Resolution Systems in the Industry	
16:30	Christoph Pinkel, Carsten Binnig, Ernesto Jimé-nez-Ruiz, Wolfgang May, Dominique Ritze, Martin G. Skjaeveland and Alessandro Solimando. RODI: A Benchmark for Relational-to-Ontology Data Integration	Mauro Dragoni, Chiara Ghidini, Paolo Busetta, Mauro Fruet and Matteo Pedrotti. Using Ontolo-gies For Modeling Virtual Reality Scenarios	
17:00	Armando Stellato, Sachit Rajbhandari, Andrea Turbati, Manuel Fiorelli, Caterina Caracciolo, Johannes Keizer and Maria Teresa Pazienza. VocBench: a Web Application for Collaborative Development of Multilingual Thesauri	Maximilan Osenberg, Melanie Langermeier and Bernhard Bauer. Using semantic web technolo-gies for enterprise architecture analysis 😎	
20:30	**Conference Gala Dinner - Grand Hotel Bernardin Beach Area**		

Main Conference Day

Thursday, June 4th, 2015

	Room Emerald 1 TRACK 1	Room Emerald 2 TRACK 2
09:30 - 11:30	**Posters & Demos (Adria 1/2) including Breakfast**	
11:30 - 12:30	**Invited Talk** Massimo Poesio: "What Crowdsourcing tells us about Cognition: the Case of Anaphora"	
12:30 - 14:00	**Lunch**	
14:00 - 15:30	**LinkedData & Data Management** Session Chair: Stefan Dietze	**In Use & Industry 3** Session Chair: Achim Rettinger
14:00	Robert Meusel and Heiko Paulheim. Heuristics for Fixing Common Errors in Deployed schema.org Microdata	Dhavalkumar Thakker, Vania Dimitrova, Anthony Cohn and Joaquin Valdes. PADTUN - Using Semantic Technologies in Tunnel Diagnosis and Maintenance Domain
14:30	Ruslan Mavlyutov, Marcin Wylot and Philippe Cudré-Mauroux. A Comparison of Data Structures to Manage URIs on the Web of Data	Dmitry Muromtsev, Peter Haase, Dmitry Pavlov, Eugene Cherny, Alexey Andreev and Anna Spiridonova. Towards the Linked Russian Heritage Cloud: Data enrichment and Publishing
15:00	Jeremy Debattista, Santiago Londoño, Christoph Lange and Sören Auer. Quality Assessment of Linked Datasets using Probabilistic Approximations	Chun Lu, Milan Stankovic and Philippe Laublet. Desperately searching for travel offers? Formulate better queries with some help from Linked Data.
15:30 - 16:00	**Coffee Break**	
16:00	**Closing and Award Ceremony**	

Sunday, May 31st

Workshop and Tutorial Day I

WORKSHOPS

KNOW@LOD 2015: KNOWLEDGE DISCOVERY AND DATA MINING MEETS LINKED OPEN DATA
Room Aurora 1 | Sunday 31st | 09:00 - 17:30

Johanna Völke | University of Mannheim, DE
Heiko Paulheim | University of Mannheim, DE
Jens Lehmann | University of Leipzig, DE
Vojtech Svátek | University of Economics, Prague, Czech Republic

WASABI 2015: SEMANTIC WEB ENTERPRISE ADOPTION AND BEST PRACTICE
Room Aurora 2 | Sunday 31st | 09:00 - 12:30

Marco Neumann | KONA LLC, US
Sam Coppens | IBM Research, IE
Karl Hammar | Jönköping University & Linköping University, SE
Magnus Knuth | Aston University, UK
Dominique Ritze | Linköping University, SE
Miel Vander Sande | Ghent University, BE

USEWOD 2015
Room Aurora 2 | | Sunday 31st | 14:00 - 17:30

Bettina Berendt | KU Leuven, BE
Laura Dragan | University of Southampton, UK
Laura Hollink | VU Amsterdam, NL
Markus Luczak-Roesch | University of Southampton, UK

RDF STREAMS 2015: RDF STREAM PROCESSING
Room Aurora 3 | Sunday 31st | 09:00 - 17:30

Jean-Paul Calbimonte | EPFL, CH
Alasdair J. G. Gray | Heriot-Watt University, UK
Alejandro Llaves | Universidad Politécnica de Madrid, ES
Alessandra Mileo | National University of Ireland, IE

PHILOWEB 2015
Room Nautilus | Sunday 31st | 14:00 - 17:30
Alexandre Monnin | Inria, FR
Harry Halpin | W3C/MIT, US

DEVELOPERS 2015
Room Mediteranea 2 | Sunday 31st | 09:00 - 17:30
Ruben Verborgh | Ghent University, BE
Miel Vander Sande | Ghent University, BE

DIACHRON 2015
Room Mediteranea 2 | Sunday 31st | 09:00 - 12:30
Jeremy Debattista | University of Bonn, DE
Mathieu D'Aquin | The Open University, UK

DERIVE 2015
Room Mediteranea 2 | Sunday 31st | 14:00 - 17:30
Marieke Van Erp | VU University Amsterdam, NL
Raphaël Troncy | EURECOM, FR
Marco Rospocher | Fondazione Bruno Kessler, IT
Willem Robert Van Hage | SynerScope B.V., NL
David A. Shamma | Yahoo!, US

SUNDAY, MAY 31ST

TUTORIALS

MOBILE LD APP 2015
Room Adria 2 | Sunday 31st | 09:00 - 17:30
Weihua Li | Massachusetts Institute of Technology, US
Evan Patton | Rensselaer Polytechnic Institute, US
Lalana Kagal | Massachusetts Institute of Technology, US

ELDSCID 2015
Room Pharos | Sunday 31st | 09:00 - 12:30
Christian Dirschl | Wolters Kluwer Deutschland GmbH, DE
Andreas Blumauer | University of Vienna, AT
Tassilo Pellegrini | University of Applied Sciences in St. Pölten, AT

COMP SOC SCI 2015
Room Nautilus | Sunday 31st | 09:00 - 12:30
Ramine Tinati | University of Southampton, UK
Dominic DiFranzo | Rensselaer Polytechnic Institute, USA
Markus Strohmaier | University of Koblenz-Landau and GESIS - the Leibniz Institute for the Social Sciences, DE

LDP4J 2015
Room Adria 1 | Sunday 31st | 14:00 - 17:30
Miguel Esteban Gutierrez | Center for Open Middleware of the Universidad Politecnica de Madrid (UPM),ES
Nandana Mihindukulasooriya | Universidad Politecnica de Madrid (UPM), ES
Raul Garcia-Castro | Universidad Politecnica de Madrid (UPM), ES

SOC MED GATE 2015
Room Pharos | Sunday 31st | 14:00 - 17:30
Leon Derczynski | University of Sheffield, UK

Monday, June 1st

Workshop and Tutorial Day II

WORKSHOPS

PROFILES 2015: DATASET PROFILING AND FEDERATED SEARCH FOR LINKED DATA
Room Daphnia | Monday 1st | 14:00 - 17:30
Elena Demidova | L3S Research Center, DE
Stefan Dietze | L3S Research Center, DE
Julian Szymanski | Gdansk University of Technology, PL
John Breslin | National University of Ireland, IE

SUMPRE+HSWI 2015: SUMMARIZING AND PRESENTING ENTITIES AND ONTOLOGIES
+ HUMAN SEMANTIC WEB INTERACTION
Room Nautilus | Monday 1st | 09:00 - 12:30
Gong Cheng | iNanjing University, CN
Kalpa Gunaratna | iWright State University, US
Andreas Thalhammer | iKarlsruhe Institute of Technology, DE
Heiko Paulheim | iUniversity of Mannheim, DE
Martin Voigt | iOntos GmbH, DE
Roberto Garcia | iUniversity of Lleida, ES

LEGAL SW 2015: LEGAL DOMAIN AND SEMANTIC WEB APPLICATIONS
Room Nautilus | Monday 1st | 14:00 - 17:30
Silvio Peroni | iUniversity of Bologna & ISTC-CNR, IT
Serena Villata | Inria, FR

MULTILINGUAL 2015: MULTILINGUAL SEMANTIC WEB
Room Mediteranea 1| Monday 1st | 09:00 - 17:30
Jorge Gracia | Universidad Politécnica de Madrid, ES
John P. Mccrae | Bielefeld University, DE
Gabriela Vulcu | National University of Ireland, IE
Christoph Lange | University of Bonn, DE

SALAD 2015: SERVICES AND APPLICATIONS OVER LINKED APIS AND DATA
Room Mediteranea 2 | Monday 1st | 09:00 - 17:30
Maria Maleshkova | Karlsruhe Institute of Technology, DE
Ruben Verborgh | Ghent University, BE
Steffen Stadtmüller | Karlsruhe Institute of Technology, DE

LDQ 2015: LINKED DATA QUALITY
Room Adria 2 | Monday 1st | 09:00 - 12:30
Anisa Rula | University of Milano-Bicocca, IT
Amrapali Zaveri | AKSW, University of Leipzig, DE
Magnus Knuth | Hasso Plattner Institute, University of Potsdam, DE
Dimitris Kontokostas | University of Leipzig, DE

NOISE 2015: NEGATIVE OR INCONCLUSIVE RESULTS IN SEMANTIC WEB
Room Adria 2 | Monday 1st | 14:00 - 17:30
Anastasia Dimou | Ghent University, BE
Jacco van Ossenbruggen | U University Amsterdam, NL
Maria-Esther Vidal | University Simón Bolívar, VE
Miel Vander Sande | Ghent University, BE

SW4SH 2015: SEMANTIC WEB FOR SCIENTIFIC HERITAGE
Room Pharos | Monday 1st | 09:00 - 17:30
Arnaud Zucker | University Nice Sophia Antipolis, FR
Isabelle Draelants | IRHT-CNRS, FR
Catherine Faron Zucker | University Nice Sophia Antipolis, FR
Alexandre Monnin | Inria, FR

TUTORIALS

LINKED GEO 2015: PUBLISHING AND INTERLINKING LINKED GEOSPATIAL DATA
Room Aurora 1 | Monday 1st | 09:00 - 17:30

Manolis Koubarakis | University of Athens, GR.
Kostis Kyzirakos | Centrum Wiskunde en Informatica in The Netherlands; NL
Panayiotis Smeros | University of Athens, GR

VISLOD 2015 : VISUAL ANALYTICS WITH LINKED OPEN DATA AND SOCIAL MEDIA
Room Aurora 2 | Monday 1st | 09:00 - 12:30

Suvodeep Mazumdar | OAK Group, UK
Tomi Kauppinen | Aalto University School of Science in Finland, FI
Anna Lisa Gentile | OAK Group, UK

E-COMMERCE 2015: THE WEB OF DATA FOR E-COMMERCE FOR RESEARCHERS AND PRACTITIONERS
Room Aurora 2 | Monday 1st | 14:00 - 17:30

Martin Hepp | Universität der Bundeswehr München, Germany

SDA-SMARTCITY: SEMANTICS AND DATA ANALYTICS FOR SMART CITY APPLICATIONS
Room Aurora 3 | Monday 1st | 09:00 - 17:30

Payam Barnaghi | University of Surrey, Guildford, UK
Ali Intizar Insight | National University of Ireland, Galway (NUIG), IE
Sefki Kolozali | University of Surrey, Guildford, UK
Alessandra Mileo | National University of Ireland, Galway (NUIG; IE)

MICROCONTROLLERS HACKFEST
Room Daphnia | Monday 1st | 09:00 - 12:30
Chairs: Martin Hepp | Kjetil Kjernsmo

MEANING ON SMALL DEVICES HACKFEST: THE SEMANTIC WEB ON RASPBERRY PI, ARDUINO, PICS, AND OTHERS

Abstract:
In this workshop, we want to provide a forum for people who are interested in running semantic technology on/with the help of small devices, like Raspberry Pi, MicroPython, ATmega/Arduino, PIC/PICAXE. The main purpose is to exchange ideas and experiences and maybe develop nice demoes / prototypes during the event. So bring all your Rasberry Pis, breadboards, sensors, displays, cabling with you, and we will for sure find exiting new ways of using this stuff for semantic technologies! Soldering irons welcome, but not mandatory.

Topics:
- Running triplestores on small devices
- Wireless discovery of small devices (RFID, Bluetooth, 433 MHz, IR, etc.)
- Internet-of-Things Hands-on
- Practical challenges
- Theoretical challenges
- Fun

Website: http://www.ebusiness-unibw.org/wiki/Events/MOSD2015

PHD SYMPOSIUM
Room Adria 1 | Monday 1st | 09:00 - 17:30
Chairs: Claudia D'Amato | Philippe Cudré-Mauroux

PHD SYMPOSIUM PAPERS

The Design and Implementation of Semantic Web-based Architecture for Augmented Reality Browser
Tamás Matuszka

Semantics-enabled User Interest Mining
Fattane Zarrinkalam

Ontology Change in Ontology-Based Information Integration Systems
Fajar J. Ekaputra

Crowdsourcing Disagreement for Collecting Semantic Annotation
Anca Dumitrache

Towards Linked Open Data enabled Data Mining: Strategies for Feature Generation, Propositionalization, Selection, and Consolidation
Petar Ristoski

Exploiting Semantics from Ontologies to Enhance Accuracy of Similarity Measures
Ignacio Traverso

Semantic support for recording laboratory experimental metadata: a study in Food Chemistry
Dena Tahvildari

A scalable adaptive method for complex reasoning over semantic data streams
Thu-Le Pham

Information Extraction for Learning Expressive Ontologies
Giulio Petrucci

eDocument Standards as Background Knowledge in Context-Based Ontology Matching
Audun Vennesland

Sequential Decision Making with Medical Interpretation Algorithms in the Semantic Web
Patrick Philipp

Creating Learning Material from Web Resources
Katrin Krieger

Tuesday, June 2nd

Main Conference Day I

OPENING CEREMONY
Room Emerald 1/2 | Tuesday 2nd | 09:00 - 09:30
General Chair: Fabien Gandon
Local Chair: Marko Grobelnik

KEYNOTE SPEECH
Room Emerald 1/2 | Tuesday 2nd | 09:30 - 10:30
Viktor Mayer-Schönberger: "Why Big Data Matters - a lot"
Session Chair: Harald Sack

NATURAL LANGUAGE PROCESSING
Room Emerald 1/2 | Tuesday 2nd |11:00 - 12:30
Session Chair: Leon Derczynski

11:00
Learning a Cross-Lingual Semantic Representation of Relations Expressed in Text
Achim Rettinger | Artem Schumilin | Steffen Thoma | Basil Ell

11:30
HAWK – Hybrid Question Answering using Linked Data
Ricardo Usbeck | Axel-Cyrille Ngonga Ngomo | Lorenz Bühmann | Christina Unger

12:00
LIME: the Metadata Module for OntoLex
Manuel Fiorelli | Armando Stellato | John P. Mccrae | Philipp Cimiano | Maria Teresa Pazienza

REASONING
Room Mediteranea 1/2 | Tuesday 2nd |11:00 - 12:30
Session Chair: Claudia d'Amato

11:00
Large scale rule-based Reasoning using a Laptop
Martin Peters | Sabine Sachweh | Albert Zündorf

11:30
A Context-Based Semantics for SPARQL Property Paths over the Web
Olaf Hartig | Giuseppe Pirrò

12:00
Distributed and Scalable OWL EL Reasonings
Raghava Mutharaju | Pascal Hitzler | Prabhaker Mateti | Freddy Lecue

MOBILE SENSORS, SERVICES & WEB OF THINGS
Room Emerald 1/2 | Tuesday 2nd | 14:00 - 15:30
Session Chair : Carlos Pedrinaci

14:00
Data as a Service: The Semantic Web Redeployed
Laurens Rietveld | Ruben Verborgh | Wouter Beek | Miel Vander Sande | Stefan Schlobach

14:30
Standardized and Efficient RDF Encoding for Constrained Embedded Networks
Sebastian Käbisch | Daniel Peintner | Darko Anicic

15:00
SPSC: Efficient Composition of Semantic Services in Unstructured P2P Networks
Xiaoqi Cao | Patrick Kapahnke | Matthias Klusch

SEMANTIC DATA MANAGEMENT & BIG DATA 1
Room Mediteranea 1/2 | Tuesday 2nd |14:00 - 15:30
Session Chair: Olivier Curé

14:00

Processing Aggregate Queries in a Federation of SPARQL Endpoints

Dilshod Ibragimov | Katja Hose | Torben Bach Pedersen | Esteban Zimanyi

14:30

Intelligent and Efficient Techniques for RDF Query Relaxation

Géraud Fokou | Stephane Jean | Allel Hadjali

15:00

Query Execution Optimization for Clients of Triple Pattern Fragments

Joachim Van Herwegen | Ruben Verborgh | Erik Mannens | Rik Van de Walle

COGNITION & WEB SCIENCE
Room Emerald 1/2 | Tuesday 2nd | 16:00 - 17:30
Session Chair: Raphaël Troncy

16:00

Gagg: A Graph Aggregation Operator

Fadi Maali | Stéphane Campinas | Stefan Decker

16:30

FrameBase: Representing N-ary Relations using Semantic Frames

Jacobo Rouces | Gerard de Melo | Katja Hose

17:00

LOD-based Disambiguation of Named Entities in @tweets through Context #enrichment

Genevieve Gorrell | Johann Petrak | Kalina Bontcheva

IN USE & INDUSTRY I
Room Mediteranea 1/2 | Tuesday 2nd | 16:00 - 17:30
Session Chair: Alasdair Gray

16:00

From Symptoms to Diseases -- Creating the Missing Link

Heiner Oberkampf | Turan Gojayev | Sonja Zillner | Dietlind Zühlke | Sören Auer | Matthias Hammon

16:30

Crowdmapping Digital Social Innovation with Linked data

Harry Halpin | Francesca Bria

17:00

Supporting Open Collaboration in Science through Explicit and Linked Semantic Description of Processes

Yolanda Gil | Felix Michel | Varun Ratnakar | Paul Hanson | Hilary Dugan | Jordan Read Christopher Duffy | Matheus Hauder

CHALLENGES
Room Adria 1/2 | Tuesday 2nd | 14:00 - 17:30
Session Chairs: Elena Cabrio | Milan Stankovic

OPEN KNOWLEDGE EXTRACTION CHALLENGE

Abstract:
The vision of the Semantic Web (SW) is to populate the Web with machine understandable data so as to make intelligent agents able to automatically interpret its content - just like humans do by inspecting Web content - and assist users in performing a significant number of tasks, relieving them of cognitive overload. The Linked Data movement kicked-off the vision by realising a key bootstrap in publishing machine understandable information mainly taken from structured data (typically databases) or semi-structured data (e.g. Wikipedia infoboxes). However, most of the Web content consists of natural language text, e.g., Web sites, news, blogs, micro-posts, etc., hence a main challenge is to extract as much relevant knowledge as possible from this content, and publish it in the form of Semantic Web triples.
The Open Knowledge Extraction Challenge focuses on the production of new knowledge aimed at either populating and enriching existing knowledge bases or creating new ones. This means that the defined tasks focus on extracting concepts, individuals, properties, and statements that not necessarily exist already in a target knowledge base, and on representing them according to Semantic Web standard in order to be directly injected in linked datasets and their ontologies. The OKE challenge, has the ambition to advance a reference framework for research on Knowledge Extraction from text for the Semantic Web by re-defining a number of tasks (typically from information and knowledge extraction) by taking into account specific SW requirements. The Challenge is open to everyone from industry and academia.
Website: https://github.com/anuzzolese/oke-challenge

CONCEPT-LEVEL SENTIMENT ANALYSIS CHALLENGE

Abstract:
Concept-level sentiment analysis focuses on a semantic analysis of text through the use of web ontologies, semantic resources, or semantic networks, allowing the identification of opinion data which with only natural language techniques would be very difficult. By relying on large semantic knowledge bases, concept-level sentiment analysis steps away from blind use of keywords and word co-occurrence count, but rather relies on the implicit features associated with natural language concepts. Unlike purely syntactical techniques, concept-based approaches are able to detect also sentiments that are expressed in a subtle manner, e.g., through the analysis of concepts that do not explicitly convey any emotion, but which are implicitly linked to other concepts that do so. Systems must have a semantics flavor (e.g., by making use of Linked Data or known semantic networks within their core functionalities) and authors need to show how the introduction of semantics can be used to obtain valuable information, functionality or performance. Existing natural language processing methods or statistical approaches can be used too as long as the semantics plays a main role within the core approach (engines based merely on syntax/word-count will be excluded from the competition). The Challenge is open to everyone from industry and academia.
Website: https://github.com/diegoref/ESWC-CLSA

SEMANTIC PUBLISHING CHALLENGE

Abstract:
This is the next iteration of the successful Semantic Publishing Challenge of ESWC 2014. We continue pursuing the objective of assessing the quality of scientific output, evolving the dataset bootstrapped in 2014 to take into account the wider ecosystem of publications. This year's challenge focuses on refining and enriching an existing linked open dataset about workshops, their publications and their authors. Thus, a combination of broadly investigated technologies in the Semantic Web field, such as Information Extraction (IE), Natural Language Processing (NLP), Named Entity Recognition (NER), link discovery, etc., is required to deal with the challenge's tasks. The Challenge is open to everyone from industry and academia.
Website: https://github.com/ceurws/lod/wiki/SemPub2015

SCHEMA-AGNOSTIC QUERIES OVER LARGE-SCHEMA DATABASES CHALLENGE

Abstract:

The increase in the size and in the semantic heterogeneity of database schemas are bringing new requirements for users querying and searching structured data. At this scale it can become unfeasible for data consumers to be familiar with the representation of the data in order to query it. At the center of this discussion is the semantic gap between users and databases, which becomes more central as the scale and complexity of the data grows. Addressing this gap is a fundamental part of the Semantic Web vision. Schema-agnostic query mechanisms aim at allowing users to be abstracted from the representation of the data, supporting the automatic matching between queries and databases. This challenge aims at emphasizing the role of schema-agnosticism as a key requirement for contemporary database management, by providing a test collection for evaluating flexible query and search systems over structured data in terms of their level of schema-agnosticism (i.e. their ability to map a query issued with the user terminology and structure, mapping it to the dataset vocabulary). The challenge is instantiated in the context of Semantic Web datasets. The Challenge is open to everyone from industry and academia.

Website: https://sites.google.com/site/eswcsaq2015/

NETWORKING NETWORKING WOMEN (N² WOMEN) AT ESWC 2015

Networking Networking Women (N² Women) is a discipline-specific community for researchers in the communications and networking research fields. The main goal of N² Women is to foster connections among the underrepresented women in computer networking and related research fields. N² Women allows women to connect with other women who share the same research interests, who attend the same conferences, who face the same career hurdles, and who experience the same obstacles.
http://cms.comsoc.org/eprise/main/SiteGen/n2women/Content/Home.html

Do you, as a woman, often find yourself out-numbered in your computer science department or research group? Do you want to know how to network effectively? Perhaps you have good or bad experiences to share as a woman researcher, especially about how to balance work and life in academia. Are you in the early years of your career and interested in the greatest challenges and opportunities from a woman's perspective or the challenges of the faculty career for women? If these topics interest you and/or you answered yes to one or more of the above questions, then come join us for the first Networking Networking Women (N² Women) lunch at the ESWC 2015. We will discuss these topics plus others such as 'attracting women in computing and computer science' and 'the barriers facing women to enter in a scientific career'.

TO JOIN US AND SHARE YOUR IDEAS, HERE ARE TWO STEPS:

(1) Fill the doodle: N2 Women Lunch at ESWC 2015
http://doodle.com/v5na4nctgb2vqh2r#table

(2) Join the N² Women Lunch Tables
Grand Hotel Bernardin Restaurant | Tuesday 2nd | 12:30 - 14:00

For further information please contact **Amrapali Zaveri (zaveri@informatik.uni-leipzig.de)** and **Anisa Rula (rula@disco.unimib.it)**.
http://2015.eswc-conferences.org/call-n2-women

TOPIC IDEAS

- Why so less women in computer science?
- Does "negative" conversations with male colleagues still cause Tech women feel they are stereotyped as inferior?
- How to balance work and life in academia - your experience? To be a woman does it mean to choose between a career and family?
- Challenges of the faculty career for women
- Attracting women in computing and computer science
- Barriers facing women to enter in a scientific career. Why the numbers don't add up?

MINUTE OF MADNESS
Room Emerald 1/2 | Tuesday 2nd | 17:30 - 19:00
Session Chair: Olaf Hartig

One minute - one slide! A fun session that gives conference attendees the opportunity to advertise their demo, poster, or just a new, perhaps crazy idea. Proposals for one-minute talks are accepted until May 31st.
Contact: Olaf Hartig (ohartig@uwaterloo.ca)

WELCOME RECEPTION
Terrace International by the St. Bernardin church | Tuesday 2nd | 19:00

Wednesday, June 3rd
Main Conference Day II

ANNOUCEMENTS
Room Emerald 1/2 | Wednesday 3rd | 09:00 - 09:30

KEYNOTE SPEECH
Room Emerald 1/2 | Wednesday 3rd | 09:30 - 10:30
Lise Getoor: "Combining Statistics and Semantics to Turn Data into Knowledge"
Session Chair: Claudia D'Amato

CROWDSOURCING & WEB SCIENCE
Room Emerald 1/2 | Wednesday 3rd | 11:00 - 12:30
Session Chair: Gianluca Demartini

11:00
Ranking Entities in the Age of Two Webs, An Application to Semantic Snippets
Pierre-Edouard Portier | Mazen Alsarem | Sylvie Calabretto | Harald Kosch

11:30
Towards hybrid NER: a study of content and crowdsourcing-related performance factors
Oluwaseyi Feyisetan | Markus Luczak-Roesch | Elena Simperl | Ramine Tinati.

12:00
Knowledge Enabled Approach to Predict the Location of Twitter Users
Revathy Krishnamurthy | Pavan Kapanipathi | Amit Sheth | Krishnaprasad Thirunarayan

MACHINE LEARNING
Room Mediteranea 1/2 | Wednesday 3rd | 11:00 - 12:30
Session Chair: Heiko Paulheim

11:00
Automating RDF Dataset Transformation and Enrichment
Mohamed Ahmed Sherif | Axel-Cyrille Ngonga Ngomo | Jens Lehmann

11:30
Assigning Semantic Labels to Data Sources
Ramnandan Krishnamurthy | Amol Mittal | Craig Knoblock | Pedro Szekely

12:00
Inductive Classification through Evidence-based Models and their Ensembles
Giuseppe Rizzo | Claudia D'Amato | Nicola Fanizzi | Floriana Esposito

12:00 - 14:00
Ph.D Mentoring Lunch

SEMANTIC DATA MANAGEMENT & BIG DATA 2
Room Emerald 1/2 | Wednesday 3rd | 14:00 - 15:30
Session Chair: Olaf Hartig

14:00
HDT-MR: A Scalable Solution for RDF Compression with HDT and MapReduce
José M. Giménez-Garcia | Javier D. Fernández | Miguel A. Martinez-Prieto

14:30
A survey of HTTP caching implementations on the open Semantic Web
Kjetil Kjernsmo

15:00
A Compact In-Memory Dictionary for RDF data
Hamid R. Bazoobandi | Steven De Rooij | Jacopo Urbani | Annette Ten Teije | Frank Van Harmelen |
Henri Bal

ONTOLOGY MATCHING & SUMMARIZATION
Room Mediteranea 1/2 | Wednesday 3rd | 14:00 - 15:30
Session Chair: Antoine Zimmermann

14:00
Semi-supervised Instance Matching Using Boosted Classifiers
Mayank Kejriwal | Daniel P. Miranker

14:30
Requirements for and Evaluation of User Support for Large-Scale Ontology Alignment
Valentina Ivanova | Patrick Lambrix | Johan Åberg

15:00
RDF Digest: Efficient Summarization of RDF/S KBs
Georgia Troullinou | Haridimos Kondylakis | Evangelia Daskalaki | Dimitris Plexousakis

ONTOLOGIES
Room Emerald 1/2 | Wednesday 3rd | 16:00 - 17:30
Session Chair: Silvio Peroni

16:00
Leveraging and Balancing Heterogeneous. Sources of Evidence in Ontology Learning
Gerhard Wohlgenannt

16:30
RODI: A Benchmark for Relational-to-Ontology Data Integration
Christoph Pinkel | Carsten Binnig | Ernesto Jiménez-Ruiz | Wolfgang May | Dominique Ritze | Martin G. Skjaeveland | Alessandro Solimando

17:00
VocBench: a Web Application for Collaborative Development of Multilingual Thesauri
Armando Stellato | Sachit Rajbhandari | Andrea Turbati | Manuel Fiorelli | Caterina Caracciolo | Johannes Keizer | Maria Teresa Pazienza

IN USE & INDUSTRY 2
Mediteranea 1/2 | Wednesday 3rd | 16:00 - 17:30
Session Chair: Alexandre Monin

16:00

Troubleshooting and Optimizing Named Entity Resolution Systems in the Industry
Panos Alexopoulos | Ronald Denaux | Jose Manuel Gomez-Perez

16:30

Using Ontologies For Modeling Virtual Reality Scenarios
Mauro Dragoni | Chiara Ghidini | Paolo Busetta | Mauro Fruet | Matteo Pedrotti

17:00

Using semantic web technologies for enterprise architecture analysis
Maximilan Osenberg | Melanie Langermeier | Bernhard Bauer

EU PROJECT NETWORKING
Room Adria 1/2 | Wednesday 3rd | 14:00 - 17:30
Session Chair: Sergio Consoli

14:00
EU meetings
Short presentation of the event + madness-presentations of the projects

15:00
Posters in between the coffee break

16:00
EU meetings
Thematic discussion tables

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

Open Data Monitor
Yunjia Li | Elena Simperl | Qiong Bu | Seyi Feyisetan

MARIO: Managing active and healthy Aging with use of caRing servIce rObots
Diego Reforgiato | Aldo Gangemi | Misael Mongiovì | Stefano Nolfi | Andrea Nuzzolese | Valentina Presutti

PHEME: Computing Veracity --- the Fourth Challenge of Big Social Data
Leon Derczynski | Kalina Bontcheva | Michal Lukasik | Thierry Declerck | Arno Scharl | Georgi Georgiev | Petya Osenova | Tomas Pariente Lobo | Anna Kolliakou | Robert Stewart | Sara-Jayne Terp | Geraldine Wong | Christian Burger | Arkaitz Zubiaga | Rob Procter | Maria Liakata

EGI-Engage – Competence Centre for DARIAH-ERIC
Davor Davidovi | Eveline Wandl-Vogt | Karolj Skala | Tibor Kalman

xLiMe: Cross-lingual Cross-media Knowledge Extraction
Achim Rettinger | Andreas Thalhammer

Facts4Workers: Worker-Centric Workplaces in Smart Factories
Doerthe Arndt | Joachim Van Herwegen | Ruben Verborgh | Erik Mannens | Rik Van de Walle

The COMSODE project: bring (linked)open data to the market
Andrea Maurino | Martin Necasky

ProaSense: The Proactive Sensing Enterprise
Dominik Riemer | Ljiljana Stojanovic

MixedEmotions: Social Semantic Emotion Analysis for Innovative Multilingual Big Data Analytics MarketsInnovation Action
Gabriela Vulcu | Paul Buitelaar

WEDNESDAY, JUNE 3RD

Dem@Care: Multi-Sensing Monitoring for Intelligent Remote Management and Decision Support
Georgios Meditskos | Ioannis Kompatsiaris

Introduction to FREME: Data meets Language meets Business
Felix Sasaki | Tatiana Gornostay | Milan Dojchinovski | Michele Osella | Erik Mannens | Giannis Stoitsis | Phil Ritchie | Kevin Koidl

BYTE - Big data roadmap and cross disciplinarY community for addressing socieTal Externalities
Nelia Lasierra Beamonte | Kush Wadhwa | Hans Lammerant | Lorenzo Bigagli | Guillermo Vega Gorgojo | Edward Curry | Peter Stefan | Scott Cunningham | Stephane Grumbach | Grunde Løvoll | Sebnem Rusitschka

The ENeL COST Action: European Network for eLexicography
Thierry Declerck | Carole Tiberius | Simon Krek | Eveline Wandl-Vogt

The WDAqua ITN – Answering Questions using Web Data
Christoph Lange | Saeedeh Shekarpour | Sören Auer

LIDER - Linked Data as an enabler of cross media and multilingual content analytics for enterprises across Europe
Jorge Gracia | Elena Montiel-Ponsoda

SOCIAL EVENT
Piran Salt Pans | Wednesday 3rd | first bus leaves at 17:45

CONFERENCE GALA DINNER
Hotel Bernardin Beach Area | Wednesday 3rd | 20:30

Thursday, June 4th
Main Conference Day III

DEMOS AND POSTERS
Room Adria 1/2 | Thursday 4th | 09:30 - 11:30

DEMOS

How to Stay Ontop of Your Data: Databases, Ontologies and More
Diego Calvanese | Benjamin Cogrel | Sarah Komla Ebri | Davide Lanti | Martin Rezk | Guohui Xiao

**Collaborative Development of Multilingual Thesauri with VocBench
(System Description and Demonstrator)**
Armando Stellato | Sachit Rajbhandari | Andrea Turbati | Manuel Fiorelli | Caterina Caracciolo |
Tiziano Lorenzetti | Johannes Keizer | Maria Teresa Pazienza

The Russian Museum Culture Cloud
Dmitry Mouromtsev | Peter Haase| Eugene Cherny | Dmitry Pavlov| Alexey Andreev | Yury Emelyanov |
Anna Spiridonova

This 'Paper' is a Demo
Sarven Capadisli | Sören Auer | Reinhard Riedl

ASBTAT: Linked Data Summaries with ABstraction and STATistics
Matteo Palmonari | Anisa Rula | Riccardo Porrini | Andrea Maurino | Blerina Spahiu | Vincenzo Ferme

Rubya: a tool for generating rules for incremental maintenance of RDF views
Vânia Vidal | Marco Casanova | Valéria Magalhães Pequeno | Narciso Arruda | Diego Sá |
José Maria Monteiro

DaCENA: Serendipitous News Reading with Data Contexts
Matteo Palmonari | Giorgio Uboldi | Marco Cremaschi | Daniele Ciminieri | Federico Bianchi

3XL News: a Cross-lingual News Aggregator and Reader
Evgenia Belyaeva | Jan Bercic | Katja Bercic | Flavio Fuart | Aljaž Košmerlj | Andrej Muhic | Aljoša Rehar
Jan Rupnik | Mitja Trampuš

Dataset Summary Visualization with LODSight
Marek Dudas | Vojtech Svátek | Jindrich Mynarz

Curating a document collection via crowdsourcing with Pundit 2.0
Christian Morbidoni | Alessio Piccioli

Distributed Linked Data Business Communication Networks: The LUCID Endpoint
Sebastian Tramp | Ruben Navarro Piris | Timofey Ermilov | Niklas Petersen |
Sören Auer

DataOps: Seamless End-to-end Anything-to-RDF Data Integration
Andriy Nikolov | Christoph Pinkel | Andreas Schwarte | Ana Sasa Bastinos | Johannes Trame
Tobias Zeuch

QueryVOWL: Visual Composition of SPARQL Queries
Florian Haag | Steffen Lohmann | Stephan Siek | Thomas Ertl

Evaluating Entity Annotators Using GERBIL
Ricardo Usbeck | Michael Röder | Axel-Cyrille Ngonga Ngomo

FAGI-gis: A tool for fusing geospatial RDF data
Giorgos Giannopoulos | Nick Vitsas | Nikos Karagiannakis | Dimitrios Skoutas |
Spiros Athanasiou

The ProtégéLOV Plugin: Ontology Access and Reuse for Everyone
Nuria Garcia-Santa | Ghislain Auguste Atemezing | Boris Villazón-Terrazas

Visual Analysis of Statistical Data on Maps using Linked Open Data
Petar Ristoski | Heiko Paulheim

SmartKeepers: a decentralized, secure, and flexible social platform for coworkers
Romain Blin | Charline Berthot | Julien Subercaze | Christophe Gravier | Frérérique Laforest | Antoine Boutet

Controlling and Monitoring Crisis
Nuria García-Santa | Esteban García-Cuesta | Boris Villazón-Terrazas

Interactive Comparison of Triple Pattern Fragments Query Approaches
Joachim Van Herwegen | Ruben Verborgh | Erik Mannens | Rik Van de Walle

Supporting Real-Time Monitoring in Criminal Investigations
Robin Keskisärkkä | Eva Blomqvist

LIDSEARCH: A SPARQL-driven Framework for searching Linked Data and Semantic Web Services
Mohamed Lamine Mouhoub | Daniela Grigori | Maude Manouvrier

POSTERS

Towards Scalable Visual Exploration of Very Large RDF Graphs
Nikos Bikakis | John Liagouris | Maria Krommyda | George Papastefanatos | Timos Sellis

FOODpedia: Russian food products as a Linked Data Dataset
Maxim Kolchin | Alexander Chistyakov | Maxim Lapaev | Rezeda Khaydarova

Time-Aware Entity Search in DBpedia
Lei Zhang | Wentao Chen | Thanh Tran | Achim Rettinger

Minimally Supervised Instance Matching: An Alternate Approach
Mayank Kejriwal | Daniel P. Miranker

Discovering Types in RDF Datasets
Kenza Kellou-Menouer | Zoubida Kedad

A Semantic, Task-Centered Collaborative Framework for Science
Yolanda Gil | Felix Michel | Varun Ratnakar | Matheus Hauder

SemNaaS: Add a Semantic Dimension to the Network as a Service
Mohamed Morsey | Hao Zhu | Isart Canyameres | Paola Grosso

SentiML ++ : An Extension of the SentiML Sentiment Annotation Scheme
Saad Malik Missen | Mohammed Attik | Mickaël Coustaty | Antoine Doucet | Cyril Faucher

Analysis of companies' non-financial disclosures: Ontology learning by topic modeling
Andy Moniz | Franciska de Jong

Improving Semantic Relatedness in Paths for Storytelling with Linked Data on the Web
Laurens De Vocht | Christian Beecks | Ruben Verborgh | Erik Mannens | Thomas Seidl | Rik Van de Walle

Keyword Search on RDF Graphs: It Is More Than Just Searching for Keywords
Renata Dividino | Andre Kramer | Thomas Gottron

Merging and Enriching DCAT Feeds to Improve Discoverability of Datasets
Pieter Heyvaert | Pieter Colpaert | Ruben Verborgh | Erik Mannens | Rik Van de Walle

POSTERS FROM THE PHD TRACK

The Design and Implementation of Semantic Web-based Architecture for Augmented Reality Browser
Tamás Matuszka

Ontology Change in Ontology-Based Information Integration Systems
Fajar J. Ekaputra

Crowdsourcing Disagreement for Collecting Semantic Annotation
Anca Dumitrache

Towards Linked Open Data enabled Data Mining: Strategies for Feature Generation, Propositionalization, Selection, and Consolidation
Petar Ristoski

Exploiting Semantics from Ontologies to Enhance Accuracy of Similarity Measures
Ignacio Traverso

Semantic support for recording laboratory experimental metadata: a study in Food Chemistry
Dena Tahvildari

A scalable adaptive method for complex reasoning over semantic data streams
Thu-Le Pham.

Sequential Decision Making with Medical Interpretation Algorithms in the Semantic Web
Patrick Philipp

Creating Learning Material from Web Resources
Katrin Krieger

KEYNOTE SPEECH
Room Emerald 1/2 | Thursday 4th | 11:30 - 12:30
Massimo Poesio: "What Crowdsourcing tells us about Cognition: the Case of Anaphora"
Session Chair: Marta Sabou

LINKED DATA & DATA MANAGEMENT
Room Emerald 1 | Thursday 4th |14:00 - 15:30
Session Chair: Achim Rettinger

14:00

Heuristics for Fixing Common Errors in Deployed schema.org Microdata
Robert Meusel | Heiko Paulheim

14:30

A Comparison of Data Structures to Manage URIs on the Web of Data
Ruslan Mavlyutov | Marcin Wylot | Philippe Cudré-Mauroux

15:00

Quality Assessment of Linked Datasets using Probabilistic Approximations
Jeremy Debattista | Santiago Londoño | Christoph Lange | Sören Auer

IN USE & INDUSTRY 3
Room Emerald 2 | Thursday 4th |14:00 - 15:30
Session Chair: Stefan Dietze

14:00

PADTUN – Using Semantic Technologies in Tunnel Diagnosis and Maintenance Domain
Dhavalkumar Thakker, Vania Dimitrova, Anthony Cohn and Joaquin Valdes

THURSDAY, JUNE 4TH

Towards the Linked Russian Heritage Cloud: Data enrichment and Publishing

Dmitry Muromtsev | Peter Haase | Dmitry Pavlov | Eugene Cherny | Alexey Andreev | Anna Spiridonova

15:00

Desperately searching for travel offers? Formulate better queries with some help from Linked Data

Chun Lu | Milan Stankovic | Philippe Laublet

CLOSING AND AWARDS CEREMONY
Room Emerald 1/2 | Thursday 4th | 16:00
General Chair: Fabien Gandon

Notes

Notes

Notes

ESWC2015 Info

WIRELESS INTERNET CONNECTION
High-speed wireless internet connection will be available in the hotel and the conference centre.

COFFEE BREAKS AND LUNCHES
Two coffee breaks (morning and afternoon) will be served in front of the Emerald/Mediteranea/Adria Hall.
The lunch buffet will take place at the Hotel Restaurant.

WELCOME RECEPTION
Tuesday, June 2nd 2015 | 19:00
We will welcome you at the Terrace International by the St. Bernardin church, where we will relax and enjoy a stunning view over the sea (5 min walking distance from Histrion and Hotel Vile Park).

GALA DINNER
Wednesday, June 3rd 2015 | 20:30
We will enjoy our gala dinner at the Grand Hotel Bernardin Beach Area in a company of a local band.

SOCIAL EVENT
Wednesday, June 3rd 2015

PIRAN SALT PANS

The Piran Salt Pans are among those rare salt pans in the world where salt is produced using centuries-old processes, involving entirely natural crystallisation, working by hand and employing tools and procedures used by our ancestors. We have organized 4 buses, leaving the congress centre after the last session. The buses will take us to the Piran Salt Pans (10 min from the hotel) and from there we will have a guided tour in the pans by foot that will take about 40 minutes.

Buses timetable:
17:45 – 1st bus (english tour guide), expected return: 19:00
18:00 – 2nd bus (english tour guide), expected return: 19:15
18:15 – 3rd bus (english tour guide), expected return: 19:30
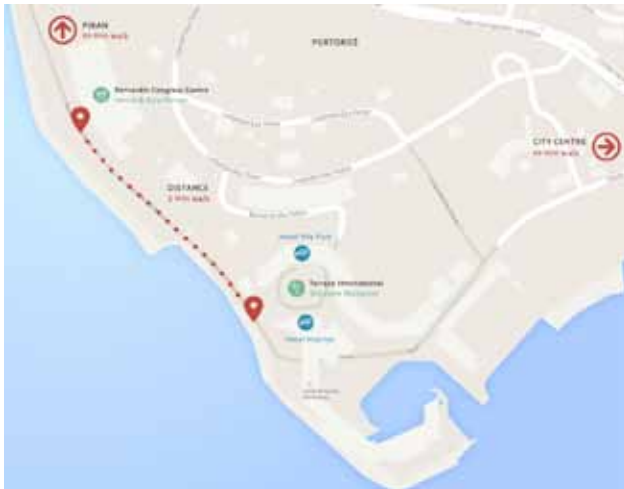**18:30 –** 4th bus (german tour guide), expected return: 19:45

At the Piran Salt Pans you will also have an opportunity to buy some souvenirs. Comfortable shoes and a jacket if it gets windy is suggested.

ESWC2015 Conference Venue

LOCAL INFORMATION

Portorož is a seaside town in the heart of Europe. It has been a tourist destination as far back as the 13th century, when it developed a niche as a health resort, and towards the end of the 19th century it became widely known for the healing properties of its mud and salt water baths. Aside from spas, Portorož also plays host to various national and international conferences, exhibitions and trade fairs, which enables the city to maintain a bustling vibrant air throughout the entire year. It is characterized by the short distances between all the venues, which allows visitors to reach all the activities, business, social and cultural sites on foot.

And there is also Piran. The lovely Mediterranean town with a rich cultural heritage that lies at the tip of the Piran peninsula, near Portorož. The old town center, which is still perfectly preserved, is characterized by the stony narrow streets, compact houses, historical and religious buildings, beautiful Venetian palaces, lively squares, numerous museums and galleries, ancient town walls, its recently reopened aquarium and delicious restaurants.

Portorož, with its sub-Mediterranean climate, is one of the warmest areas in Slovenia. The average temperatue in June is 13°C – 27°C.

ESWC2015 Conference Venue

PRECONFERENCE
WORKSHOPS & TUTORIALS
MAIN CONFERENCE

GRAND HOTEL BERNARDIN 5*
Obala 2
6320 Portorož, Slovenia
P: +386 (0)5 690 70 00
F: +386 (0)5 690 70 10

ONSITE REGISTRATION AND HELP DESK

ONSITE REGISTRATION WILL BE OPEN:
Saturday, May 30th: ....16:00 – 17:00
Sunday, May 31st: ....08:00 – 17:00
Monday, June 1st: ....08:00 – 17:00
Tuesday, June 2nd: ....08:00 – 16:00
Wednesday, June 3rd: ....08:00 – 09:00
Thursday, June 4th: ....08:00 – 09:00

HELP DESK WILL BE OPEN
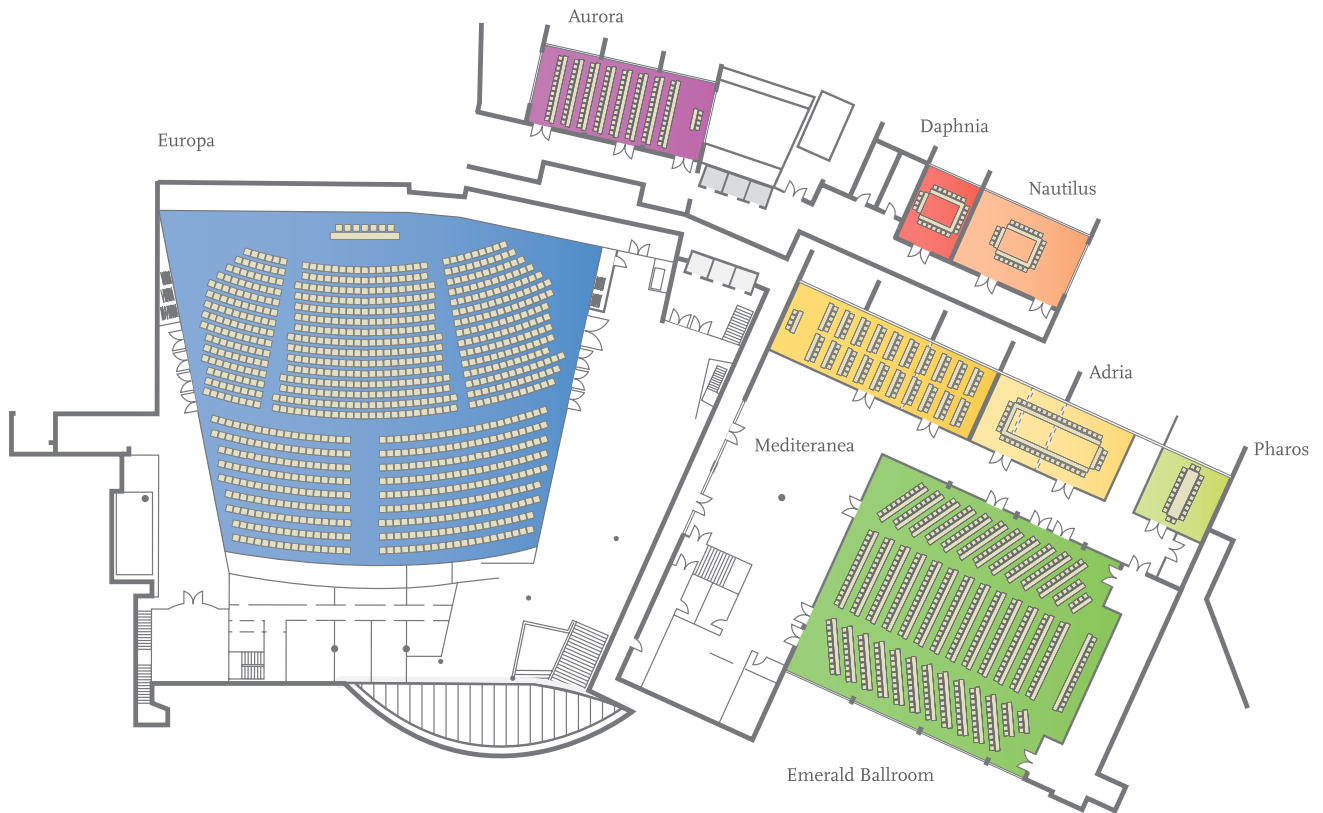Sunday – Thursday: ....08:00 – 17:00

Please also check the board by the registration desk regularly, where we will put all relevant information, including:
- Schedules/rooms (possible changes)
- Social events information
- Local information
- Other

ABOUT GRAND HOTEL BERNARDIN *****

The St. Bernardin Convention Centre at the Grand Hotel Bernardin is an extensive venue, designed to facilitate the organisation of various events: conventions, seminars, workshops, presentations, press conferences and business meetings, as well as banquets, fashion shows and gala dinners. With a total of 19 multifunctional meeting rooms and divisible main hall for up to 1.100 delegates theatre style, the convention centre is the right venue for up to 2.615 delegates.

Grand Hotel Bernardin has 241 comfortably furnished rooms with balconies overlooking the sea. There are 10 luxury executive suites, 9 deluxe rooms and 7 mini-suites. Furthermore, the hotel boasts a swimming pool with heated sea water, Paradise Spa Wellness Centre, two restaurants, Pečina Restaurant and Sunset Restaurant, Grand Café and Cocktail Lounge with piano, Grand Garden Covered Terrace and Laguna Bernardin Water Park.

ESWC2015 Conference Venue

Aurora

Europa

Daphnia

Nautilus

Mediteranea

Adria

Pharos

Emerald Ballroom

STI · INTERNATIONAL

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.

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