



A large graphic for the SEMIC 2013 conference. It features a large blue circle on the left containing the text "SEMANTIC INTEROPERABILITY CONFERENCE 2013". To the right, a blue rectangular box contains the text "Explore semantic technologies for improved interoperability & e-Government services". The background is decorated with various colored circles (yellow, green, blue, orange, purple, grey) and a network of light blue lines.

21 June 2013, 09:00 – 17:30
Croke Park Conference Centre
Dublin, Ireland



Explore semantic technologies for improved interoperability and e-Government services

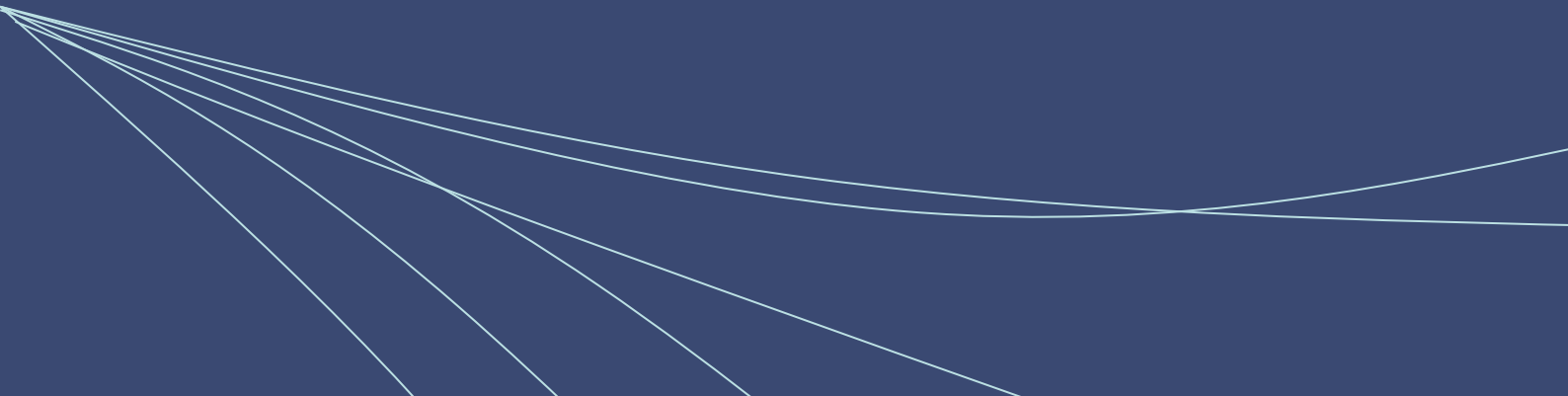
Introduction




The Semantic Interoperability Conference 2013 – SEMIC 2013 – brings together both the experts driving the practice of semantics and linked data technologies and those who have firsthand experience of implementing these standards in cross-border e-Government applications. E-Government and semantics experts will present their case studies, real-world examples and experiences with semantic technologies.



Margarida Abecasis, Head of Unit - European Commission, DG DIGIT, Interoperability Solutions for European Public Administrations


Agenda



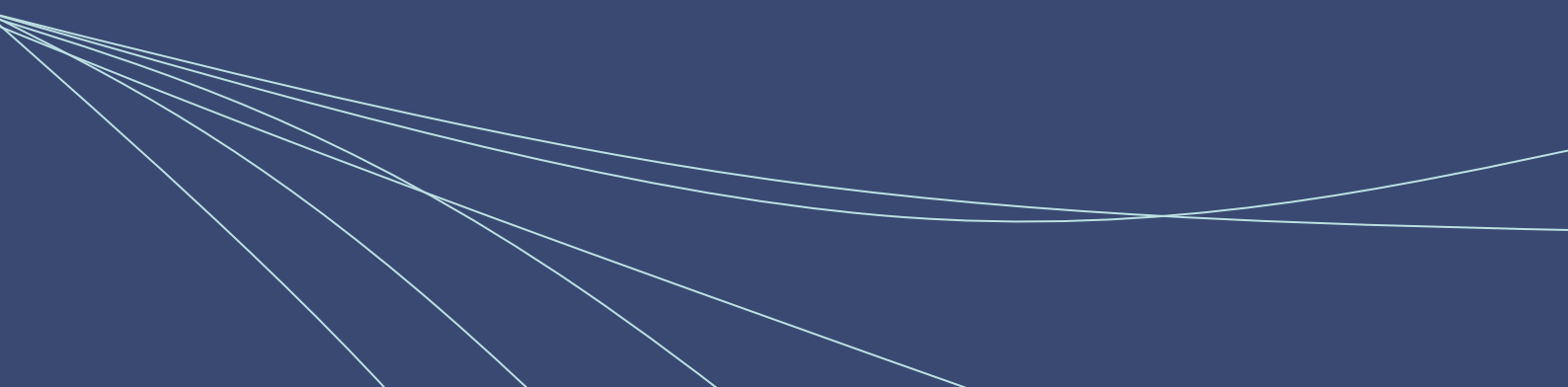
Agenda

- 9:00 – 9:30 Registration & Coffee
- 9:30 – 9:35 Welcome to SEMIC 2013
Margarida Abecasis - [European Commission, DG DIGIT, Interoperability Solutions for European Public Administrations](#)
- 9:35 – 9:50 ISA fostering semantic interoperability between public administrations in Europe
Vassilios Peristeras - [European Commission, DG DIGIT, Interoperability Solutions for European Public Administrations](#)
- PART 1: Achieving interoperability through reuse
- 9:50 – 10:20 Keynote – Maintaining the quality of EU statistics while enabling re-use
Marco Pellegrino - [Eurostat](#)
- 10:20 – 10:40 Open Standards for eGovernment – The evolution of the eGov Core Vocabularies and ADMS
Phil Archer - [W3C](#)
- 10:40 – 11:00 Putting the eGov Core Vocabularies into practice
Stijn Goedertier & Nikolaos Loutas - [PwC EU Services](#)
- 11:00 – 11:20 Coffee Break 
- 11:20 – 11:40 Extending the eGov Core Vocabularies to a local level by the OLSO project (Open Standards for Local Administrations – Belgium)
Raf Buyle - [The Flemish ICT organisation – V-ICT-OR](#)

- 11:40 – 12:00 Integrating plant protection product data using semantic technologies
Giorgos Georgiannakis – [European Commission, DG SANCO](#)
- 12:00 – 12:20 ISA methodologies supporting the Common Information Sharing Environment for the EU Maritime Domain
Fernando Dias Marques – [Portuguese Navy](#)
- 12:20 – 13:30 Lunch 
- PART 2: Semantic Interoperability for Public Services**
- 13:30 – 14:00 Keynote – Peta vs. Meta, Rethinking Data Interoperability on the World Wide Web
James Hendler – [Rensselaer Polytechnic Institute - RPI](#)
- 14:00 – 14:20 Semantic Interoperability of Basic Data in the Italian Public Sector
Giorgia Lodi – [Agenzia per l'Italia Digitale - AgID](#)
- 14:20 – 14:40 Applying semantics and language technology in TMClass to harmonise trademark registrations
Jochen Hummel & Guðrún Magnúsdóttir – [ESTeam AB](#)
- 14:40 – 15:00 Semantic interoperability of Civil Status Registers by the International Commission on Civil Status (ICCS-CIEC)
Panagiotis Gouvas – [UBITECH](#)
- 15:00 – 15:20 Coffee Break 

- 15:20 – 15:40 INSPIRE – Framework and building blocks for interoperable data infrastructures in Europe
Andrea Perego - [Joint Research Centre of the European Commission – JRC](#)
- 15:40 – 16:00 Metadata interoperability – The DCAT Application profile for data portals in Europe
Leda Bargiotti - [Publications Office of the European Union](#)
- 16:00 – 16:20 Open Data Pipeline – publishing and linking government data
Richard Cyganiak - [DERI](#), NUI Galway
- 16:20 – 16:30 Conference wrap-up
Margarida Abecasis - [European Commission, DG DIGIT, Interoperability Solutions for European Public Administrations](#)
- 16:30 – 17:30 Networking drink
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Conference Speakers



Conference Chairs



Margarida ABECASIS

European Commission, DG DIGIT, Interoperability Solutions for European Public Administrations

Margarida Abecasis is a Portuguese ICT engineer specialised in telecommunications with a Master's in electro technical Engineering and computers. She started her career as a university teacher, moving afterwards to a telecommunications operator company to be involved in modernisation projects. From 1988, she worked as a project manager and a consultant in a software company in Brussels dealing with telecommunications solutions.

Administrator official at the European Commission since 1993, she had the opportunity to define and implement the first service level agreements for data transmission services, to manage IT projects supporting the modernisation of the decisional procedures of the Commission and inter-institutional exchanges. In 2006, she was nominated Head of Unit in DG Informatics responsible for ICT infrastructure services. She also chaired the inter-institutional sub-committee on telecommunications and networks (CI-TN). In 2011, she took over the responsibility of the unit in charge of the ISA programme, with the main objective of facilitating the efficient and effective electronic cross-border and cross-sector interaction between European public administrations.



Vassilios PERISTERAS

European Commission, DG DIGIT, Interoperability Solutions for European Public Administrations

Vassilios Peristeras works as Programme Manager in the European Commission, Interoperability Solutions for European Public Administration (ISA) Unit. He is also elected as Assistant Professor at the International Hellenic University in Thessaloniki, Greece. He has worked as researcher and consultant in various organizations and has initiated, and coordinated several international projects in the area of Electronic Government. His interests include eGovernment and eParticipation, semantic technologies, and interoperability. He has published over 100 papers in scientific journals/conferences and has served as editor, program committee member and reviewer in more than 60 journals, books, and conferences. He holds a PhD in Electronic Government.

Keynote Speakers



James HENDLER

Rensselaer Polytechnic Institute - RPI

James Hendler was appointed senior constellation professor of the Tetherless World Research Constellation and the Head of the Computer Science Department at Rensselaer Polytechnic Institute - RPI. He has authored about 200 technical papers in the areas of Semantic Web, artificial intelligence, agent-based computing and high performance processing. One of the early Semantic Web innovators, Hendler was co-author, with Tim Berners-Lee and Ora Lassila, of the article "The Semantic Web" which appeared in Scientific American in 2001. In 2012, he was one of the inaugural recipients of the Strata Conference "Big

Data" awards for his work on large-scale open government data and he also serves as an "Internet Web Expert" for the U.S. government, providing guidance to the Data.gov project.



Marco PELLEGRINO

Eurostat

After joining the European Commission in 1995, Marco Pellegrino has been holding several positions at Eurostat, dealing with the statistical information system, databases, metadata and standards for data exchange. He has authored several working papers in the area of metadata and data exchange, and has co-organised work sessions on metadata information systems (METIS) together with UNECE and OECD, between 2000 and 2009.

Since 2001, he has been active in the creation and promotion of the SDMX standard for data and metadata exchange (ISO IS 17369). In 2006-2008, he edited the SDMX Metadata Common Vocabulary (MCV) together with OECD, and then the SDMX content-oriented guidelines. His main interest, at present, is the promotion of advanced standards for managing micro data and aggregated data, and for the dissemination of high-quality open data. He serves as Eurostat representative in the DDI Alliance scientific committee and in the Technical working group of the SDMX Secretariat.

Speakers



Phil ARCHER
W3C

Phil Archer joined the W3C staff after many years representing one of its member organisations. Chair of the first Incubator Group, a lightweight mechanism for developing new ideas for the Web, he went on to chair the POWDER Working Group whose standards form part of the Semantic Web technology suite. Alongside this work he was an original member of the Mobile Web Best Practices Working Group and was editor or acknowledged contributor to 6 of that group's publications.

Although he continues to be involved with the mobile Web, Phil's primary focus since 2010 has been on eGovernment and open data. In particular he works on improving interoperability between data sets whilst advocating the principles and return on investment available through the open data movement.



Leda BARGIOTTI
Publications Office of the European Union

Leda currently works as Legal Officer at the "Common Portal and Public Data" Unit of the Publications Office of the European Union. The Unit is responsible for the implementation of the "open data" initiative at the EU level. She provides advice on and support for policy, legal and procedural issues related to the dissemination of Public Sector Information via the Open Data Portal (open-data.europa.eu).



Raf BUYLE

The Flemish ICT organisation (V-ICT-OR)

Raf Buyle is program manager and advisor e-government strategy at The Flemish Organization for ICT in Local Government, Belgium. Raf holds a Masters Degree of Applied Engineering in ICT – Electronics.

Since 2002, he was involved in GIS and e-government projects as a project manager or consultant. In addition, Raf is working on 'OSLO' a generic data standard for local authorities to implement a more rational, interoperable e-government. OSLO is a local extension of the ISA core vocabularies (European Commission).

Raf is active in the in the Open Data community as member of OKFN Belgium.



Richard CYGANIAK

DERI, NUI Galway

Richard Cyganiak is a research associate at NUIG's Digital Enterprise Research Institute (DERI), and co-ordinates DERI's Linked Data Research Centre. Richard's research interest is web-scale data integration and the application of Semantic Web technologies in the fields of Open Data and Official Statistics. He is a co-founder of the Linking Open Data initiative. He contributes to web standards development at the World Wide Web Consortium (W3C), serves as an editor of a number of specifications and metadata standards such as RDF 1.1 Concepts, and maintains several open source software projects in the

data management realm.



Fernando DIAS MARQUES

Portuguese Navy

Lieutenant-Commander Dias Marques joined the Portuguese Navy in 1990 and finished his degree in 1995, at the Portuguese Naval Academy, in Naval Military Sciences. He is specialized in Informatics, and Master of Science in Informatics.

At the academic level, he teaches at the NOVA School of Statistics and Information Management (ISEGI) since 2011. He is a researcher at the Center for Informatics and Information Technologies (CITI) from the NOVA Faculty of Sciences and Technology, since 2003, and at the Navy Research Centre (CINAV) from the Portuguese Naval Academy (Escola Naval), since 2010. His research interests are related to Software Engineering and Maritime Situational Knowledge.

At the technical level, among several projects and workgroups, national and international, in the areas of information technology and maritime surveillance, are worth noting his participation as architect and project manager of the Portuguese node for maritime information sharing, as leader of the technical subgroup for data exchange, in the BlueMassMed project, and as leader of the workpackage regarding common data formats and semantics, in the CoopP project, both part of the roadmap towards the EU Common Information Sharing Environment (CISE).

Lieutenant -Commander Dias Marques presently works at the ICT Directorate in the Portuguese Navy (DITIC), as an Enterprise Architect and Maritime situational Awareness Officer.

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Giorgios GEORGIANNAKIS
European Commission, DG SANCO

Giorgios Georgiannakis is working for Directorate General for Health and Consumers where he manages the portfolio of projects and systems in the domain of safety of the food chain. He has research experience in the fields of semantic networks, knowledge management and distributed systems. He is currently exploring the possibilities of linking Commission open data with data from other original sources such as national catalogues and scientific thesauri and providing practical ways to support structure and content evolution over time.

He holds a BS and MS in Computer Science from the University of Crete, Greece and a MBA from Solvay Business School, Belgium.



Stijn GOEDERTIER
PwC EU Services

Stijn is a manager at PwC's Technology Consulting practice, focusing on Information Management and Business Process Management (BPM). He holds a Master degree in Management Informatics from the Katholieke Universiteit Leuven (Belgium) and a PhD from that same university. He is an expert in various IT techniques for the (re)design, implementation, and quantitative analysis of business processes. He publishes frequently in and is a reviewer for high-impact academic journals in his field. In the past six years, Stijn has worked on various IT projects in Telecom Companies, Financial Institutions, European

Institutions, and Public Administrations.



Panagiotis GOUVAS

UBITECH

Dr Panagiotis Gouvas received his undergraduate degree from the Electrical and Computer Engineering Department of the National Technical University of Athens at 2004. His Diploma Thesis was in the area of Mobile and Personal Communications (Location Based Services in Wireless LANs). Soon after he conducted research related to peer-to-peer applications in mesh networks. His PhD is related to Distributed Hash structures that operate on top of unstructured networks.

In general, his research interests lie in the field of Multi-Agent systems, Service Oriented Architectures, Semantic Web, Grid/Cloud computing and Security. From 2008 he leads the R&D department of UBITECH. In the frame of this role, he participated as a software architect in many IT projects including Schengen II implementation (Greek endpoint), TaxisNet (Greek Taxation Information System), Secure Document Exchange for CIEC etc. Dr Gouvas participates in many standardization activities in the area of Future Internet Architectures and Cloud Computing. He has published more than 25 papers in International Journals and Conferences.



Jochen HUMMEL

ESTeam AB, CEO

Jochen Hummel is CEO of ESTeam AB, a provider of advanced language technology and semantic solutions to EU organisations and corporations. He is currently active in an upcoming EU project which is a support action to prepare for the Connect Europe Facility. He is chairman of LT-Innovate, the Forum for Europe's Language Technology Industry. He has a software development background and had grown his first company, TRADOS, to the world leader in translation memory and terminology software. In 2006 he founded Metaversum, the inventor of the virtual online world Twinity and was its CEO until

2010. He is a well-known, internationally experienced software executive and serial entrepreneur.





Giorgia LODI

Agenzia per l'Italia Digitale (AgID)


Giorgia Lodi received the PhD in Computer Science from University of Bologna (Italy) in 2006. After a long period in the academic environment, in 2011 Giorgia moved to the Public sector, working as consultant for Agenzia per l'Italia Digitale in such topics as digital identities, technical interoperability, semantic interoperability and open data. She was one of the main authors of the national guidelines for Public Administrations on "Semantic Interoperability through Linked Open Data". She manages the Italian website SPCData, i.e., the Linked Open Data web site of the Italian Interoperability Framework SPC (Sistema Pubblico di Connettività).



Nikolaos LOUTAS

PwC EU Services

Nikos Loutas is a Principal Advisor with PwC involved mainly in Linked Open Data and Semantic Interoperability projects. Since 2006, Nikos has been working on Semantic Web and e-Government research at the DERI, NUI Galway and the Centre for Research Technology Hellas (CERTH). His interest in semantic technologies and e-Government, brought him closer to the rapidly evolving field of Linked Open Government Data (LOGD). Nikos is now working towards industrialising LOGD through the development of shared vocabularies and services that facilitate data publication and reuse, thus revealing its untapped social and economic potential.





Guðrún MAGNÚSDÓTTIR

ESTeam AB


Guðrún Magnúsdóttir is Chief Strategy Officer and founder of ESTeam AB. She has been instrumental in OHIM's efforts to bring about the harmonisation of the trademark world. She has contributed to several EU projects and is currently active in LISE and PLUTO both ICT PSP projects. Her background is in the field of Language Technology with a focus on Machine Translation, Knowledge Structure and Multilingual issues.



Andrea PEREGO

Joint Research Centre of the European Commission - JRC

Andrea Perego is a researcher at the Joint Research Centre of the European Commission (Ispra, Italy), where he is a member of the team in charge of the technical coordination of the INSPIRE EC Directive. His activities concern the development, extension, and semantic enhancement of the INSPIRE infrastructure, and its integration into the wider framework of Linked Open Government Data.



"Creativity is just connecting things. When you ask creative people how they did something, they feel a little guilty because they didn't really do it, they just saw something. It seemed obvious to them after a while."

Steve Jobs

Agenzia per l'Italia Digitale

Eurostat

DERI

ESTeam AB

Publications Office of the European Union

Joint Research Centre of the European Commission

Rensselaer Polytechnic Institute

DG DIGIT

The Flemish ICT Organisation

PwC Technology Consulting

W3C

UBITECH

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