Valentina Presutti

CONTACT
INFORMATION

Semantic Technology Laboratory
Institute of Cognitive Science and Technology (ISTC)
National Research Council (CNR)
Rome and Catania, Italy

Voice: +39 095 733 8391
E-mail: valentina.presutti@cnr.it
WWW: http://stlab.istc.cnr.it/ValentinaPresutti

NOTE ON MY
RESEARCH AND
PROFESSIONAL
ACTIVITY

Since 2006 I have been working at the Italian National Research Council (CNR) as researcher and in 2010 I have been appointed permanent researcher in the same institution. My research activity spans different domains: ontology design and reuse, linked data, knowledge extraction, natural language understanding, social and assistive robotics.

I have participated as researcher in many European as well as national projects, acting as team and work package coordinator in some of them. Since 2015 I am the scientific responsible for the STLab-CNR team in the H2020 MARIO project[1] as well as the leader of a work package, which focuses on robot personalised semantics interaction. I am a board member of the Association for Ontology Design and Patterns [2] (ODPA), which runs an annual workshop and engages in various activities for promoting ontology design and patterns. In 2008 I have created (together with Prof. Aldo Gangemi) a catalogue of ontology design patterns, associated with a semantic web portal where such patterns can be proposed, discussed, and certified[3]. Today such a portal is the reference resource for the ODPA.

I have been adjunct professor at the University of Bologna, and at the University of Rome "La Sapienza" and I have worked as research/technology consultant for Governmental organisations such as the "Food and Agriculture Organisation of UN" (FAO), the italian "Centro Nazionale per l'Informatica nella Pubblica Amministrazione" (CNIPA) as well as for academic organisations such as the Italian "Consorzio Interuniversitario Nazionale per l'Informatica" (CINI).

I am (co-)author of 70+ international scientific publications on ontology design, web 2.0 applications, semantic web and linked data, knowledge extraction and machine reading (google scholar h-index: 22).

I serve the community with scientific and organisational roles in international scientific events: Co-director of SSSW (since 2015), General Chair for ESWC 2014, Program Chair for ESWC 2013, Program Chair for I-Semantics 2012, Phd Symposium Chair for ESWC 2012, Local organiser and Tutorial Chair for EKAW 2008.

I serve as PC member of international scientific conferences and workshops in the semantic web and ontology engineering domains, and as reviewer for scientific journals such as the Semantic web Journal, the International Journal of Semantic Web and Information Systems, the International Journal of Web Semantics, the International Journal of Human-Computer Studies, and The International Journal of Applied Ontology.

Currently, my main interest twofold: on one hand I continue working on ontology design patterns and related topics, on the other hand I am engaged in research and development of methods and tools for natural language understanding. My research on ontology design methodologies started during my graduation studies that ended in 2002 at the University of Bologna. My master thesis discussed the use of ontologies in the software development process, with specific focus on web portals i.e. web sites with huge information content and services supporting a community that share needs and interests. After my graduation I was awarded with a doctoral scholarship at the University of Bologna, and I continued my research on this topic, experimenting on Semantic Wikis, and on

---

[1] http://www.mario-project.eu/portal/
[2] http://ontologydesignpatterns.org/wiki/ODPA
[3] http://ontologydesignpatterns.org

Semantic Search engines. I defended my PhD in 2006 at the University of Bologna, when I started my collaboration with the CNR in Rome.

RESEARCH
INTERESTS

Cognitive and Human Computing, Natural language understanding, assistive and social robotics, Linked data, Knowledge and Ontology Design Patterns, Knowledge Extraction and summarisation, Exploratory search, Ontology Engineering, Semantic Web Engineering, Ontology-driven Software Engineering, Semantic Web-based Knowledge Management, Semantic Technologies in Wiki platforms, and Semantics in Content Management Systems.

EDUCATION

Department of Computer Science, University of Bologna, Bologna, Italy

Ph.D. in Computer Science, April 2006

- Dissertation Title: "Interoperability of Annotation Languages in Semantic Web Applications Design"
- Supervisor: Professor Paolo Ciancarini

Italian Laurea Degree (summa cum laude) in Computer Science, September 2002

- Dissertation title: "An ontology-driven approach for Web application development"
- Supervisor: Professor Paolo Ciancarini

International Schools for Researchers

Ph.D. Student   **2003**

BISS Bertinoro International Spring School for Graduates Studies in Computer Science, Bertinoro (FC), Italy, 2003

- Subject: Reliability Theory and Methods and Advanced Algorithm Design and Engineering

3rd Bertinoro International School on Formal Methods for the Design of Computer, Bertinoro (FC), Italy, 2003

- Subject: Communication and Software Systems: Software Architecture

15th International School for Computer Science Researchers Lipari Island, Italy, 2003

- Subject: Algorithmics for Data Mining and Pattern Discovery

Research Fellow   **2006**

IK2006 Interdisciplinary College, Günne at Lake Möhne, 2006

- Subject: Learning

SSSW-2006 Fourth European Summer School on Ontological Engineering and the Semantic Web, Cercedilla, Spain, 2006.

- Subject: Semantic Web and Knowledge Engineering

Université Paris 13, France

Visiting Professor **November-December 2014**

Short term mobility grant, CNR

Visiting scholar at LIPN, Université Paris 13, France **April 2013**

Université Paris 13, France

Visiting Professor **January-February 2013**

Centre national de la recherche scientifique (CNRS), France

Researcher at Laboratoire d'Informatique de Paris-Nord (LIPN) **September-December 2012**

Short term mobility grant, CNR

Visiting scholar at Stanford Center for Biomedical Informatics
of the Stanford University School of Medicine, Palo Alto, CA (USA) **April 2009**

Ministero dell'Istruzione dell'Università e della Ricerca, Italia

3 years PhD grant. **Jan 2003 - Dec 2005**

National Research Council, Rome, Italy

Researcher (permanent position since July 2010) **June, 2008 - present**
Team leader in the *MARIO* EU H2020 Project on Assistive Care Robotics
Team leader in the *PRISMA* PON Project on Smart Cities
Coordinator in bi-lateral project for Linked Data of Cultural Heritage, with MiBACT
Coordinator for technology transfer in the project *Semantic Sicily*
Team leader in the *Interactive Knowledge Stack (IKS)* EU Project FP7
Key researcher on ontology engineering in the context of Semantic Web under the EU funded FP6
IP project *NeOn*
Co-supervision of PhD theses related to Semantic Web technologies, at the University of Bologna.

Post-doc researcher **February, 2006 - May 2008**
Research on ontology engineering in the context of semantic web under the EU funded project *NeOn*,
Master thesis co-supervision at the Computer Science Master Course of the University of Bologna,
and research/consulting projects.

Research and Technology Consultant **2008**
Technology transfer and experiment design on semantic technologies applied to law domain in the
context of the DALOS - European Project

Research Consultant **2007**
Research on semantic technologies applied to enterprise processes management in the context of the
TOCAI - MIUR National Project

PhD and master   *Co-supervisor*   **2015 - present**
theses supervision Luigi Asprino, PhD student at the University of Bologna.

- Topic: Knowledge base reconciliation in human-robot interaction scenarios
- Defense planned in 2019

Co-supervisor   **2011 - 2014**
Andrea Giovanni Nuzzolese, PhD student at the University of Bologna.

- Topic: Knowledge Pattern extraction from the Web and their usage for exploratory search.
- Defended on May 19th, 2014

Co-supervisor   **2010 - 2013**
Alessandro Adamou, PhD student at the University of Bologna.

- Topic: An architecture for scalable ontology networks.
- Defended on April 8th, 2013

Supervisor of license as well as master theses   **2003 - 2013**
Theses' topics are usually in the scope of: software engineering, knowledge engineering, or they cross the two disciplines. The following list shows some examples of theses that I supervised so far either as adjunct professor of the University of Bologna or as external supervisor (CNR researcher). All theses have been developed and successfully defended at the University of Bologna. On average, I supervise two-three theses per year. Additionally, I coordinate students developing projects in the form of short stages (about three per year).

- A survey on exploratory and semantic search technologies (2013)
- Frame-driven extraction of linked data and ontologies from text (2012)
- Implementing ontology-based recommendation systems (2009)
- Semion: a software implementing a method for reengineering relational database to linked data (2008)
- The RTC converter: an application supporting the interoperability of RDF and Topic Maps (2006)
- Search engines evaluation methods (2005)
- Design and development of a Semantic Personal Digital Library (2005)
- A crawler for semantic search engines (2005)
- A ranking algorithm based on metadata (2005)
- Synchronizing Wiki sites and Web ontologies (2005)
- XML and software engineering: an overview (2004)
- Evaluating results of search engines (2003)

University of Paris 13, Paris, Italy *Adjunct Professor* **2015**
Master course in "Informatique" - Paris 13. Responsibility for TP classes.

- Topic: Knowledge Representation
- duration: 12 hours

University of Bologna, Bologna, Italy *Adjunct Professor* **2010 - 2013**
Master course (1st year master students) in "Scienze di Internet" - University of Bologna. Full responsibility of classes, exams, homework assignments, and evaluation.

- Topic: Knowledge Management
- duration: 36 hours

University of Roma - "La Sapienza", Roma, Italia

Adjunct Professor **academic year 2008 - 2010**
Master course (1st year master students) in Engineering at the University of Roma - La Sapienza. Full responsibility for classes, exams, homework assignments, and evaluation.

- Topic: Software Engineering (Given in English)
- duration: 36 hours

Adjuct Professor **academic year 2007 - 2008**
License course (2nd year students) of Engineering at the University of Roma -" La Sapienza". Full responsibility for lectures, exams, homework assignments, and evaluation.

- Topic: Software Engineering
- Italian course: Ingegneria del Software (Software Engineering) - Corso di Laurea in Ingegneria Informatica
- duration: 36 hours

Tutor/Lecturer **2009 - 2013**
Summer School on Ontological Engineering and the Semantic Web, at Cercedilla, Spain. Lectures, Hands-on session (TP), coordination of students projects.
- Topic: Ontology Design and Semantic technologies
- School type: International School for PhD students
- duration: a full week (40 hours)
- Frequency: yearly

Lecturer **2007 - 2013**
PhD School at the Computer Science Department of the University of Bologna. Lectures and exercises (TD).
- Topic: Computational Ontologies
- School type: International School for PhD students
- duration: 40 hours
- Frequency: yearly

Hands-on Session (TP) Assistant **2007 - 2008**
Fifth and Sixth European Summer School on Ontological Engineering and the Semantic Web (SSSW-2007 and SSSW-2008), at Cercedilla, Spain. Assistant during hands-on sessions (TP) and supervision of students group developing projects.
- Topic: Ontology Design
- School type: International School for PhD students
- duration: a full week (20 hours)

Adjunct Instructor   **2003 - 2007**
Teaching assistant. Computer Science degree of the University of Bologna. License course (2nd year license students) in Computer Science. Shared responsibility for lectures, exams, homework assignments, and evaluation.

- Topic: Software Design Patterns
- Italian course: Paradigmi e Laboratorio (Programming paradigm, laboratory)
- duration: 50 hours

Research Associate   **2003 - present**
Co-supervision of master theses at the University of Bologna and at the University of Rome "La Sapienza". Theses focus on software engineering and Semantic Web.

- Topic: Software Engineering and Semantic Web

INVITED TALKS   *Invited lecture*
Google Inc., New York, US - "Uncovering the semantics of hyperlinks", 2015

Keynote Speaker
WOP 2014 (Event of the International Semantic Web Conference) - "Fueling the future with Semantic Web patterns", Riva del Garda, Italy

Invited seminar
Linköping University, "Making sense of Web content with Knowledge Patterns", 2012

Invited seminar
University of Economics, Prague "Pattern-based ontology design", 2009

TUTORIALS AND   *Co-organizer and Tutor*
INVITED SEMINARS   ISWC 2016 Tutorial - Ontology Design Patterns for Linked Data publishing, Kobe, Japan

Co-organizer and Tutor
EKAW 2012 Tutorial - Semantic Content Management with Interactive Knowledge Stack, Galway City, Ireland

Tutor
Tutorial on "Semantic Content Management Systems" - PhD program at the Linköping University, 2012

CONFERENCES AND   *Co-Director* SSSW - Summer School on Ontological Engineering and the Semantic Web (2015 -
OTHER EVENTS   present), Bertinoro, Italy

Workshop and Tutorial Chair
ISWC 2017 - 16th International Conference on International Semantic Web Conference, Vienna, Austria

PhD Symposium Chair
EKAW 2016 - 20th International Conference on Knowledge Engineering and Knowledge Management, Bologna, Italy

General chair
ESWC 2014 - 11th European Semantic Web Conference Heraklion, Crete, Greece May 2014

Program chair
WOP 2013 - 4th International Workshop on Ontology and Semantic Web Patterns at the 12th International Semantic Web Conference Sideny, Australia, October 2013

Program chair
ESWC 2013 - 10th European Semantic Web Conference Montpellier, France, May 2013

Program chair
I-Semantics 2012: 8th Conference on Semantic Systems - Graz, Austria

PhD Symposium chair
ESWC 2012 - 9th European Semantic Web Conference Heraklion, Greece, June 2009

Publicity chair
ESWC 2010 - 7th European Semantic Web Conference Heraklion, Greece, June 2009

Workshop chair
ESWC 2009 - 6th European Semantic Web Conference Heraklion, Greece, June 2009

Program chair
SWAP 2008 - 5th International Workshop on Semantic Web Application and Perspectives Rome, Italy, December 2008

Program chair
WOP 2010 - 2nd International Workshop on Ontology Patterns at the 9th International Semantic Web Conference Shangai, China, November 2010

Tutorial chair
EKAW 2008 - 16th International Conference on Knowledge Engineering and Knowledge Management Acitrezza (CT), Italy, September 2008

Co-organizer
Workshop on Ontology Patterns (WOP2009) at the 8th International Semantic Web Conference at the Westfields Conference Center Washington DC, 25-29 October 2009.

EKAW 2008 - 16th International Semantic Web Conference on Knowledge Engineering and Knowledge Management Acitrezza (CT), Italy, September 29th-October 3rd 2008

KRRSW 2008 - Knowledge Reuse and Reengineering over the Semantic Web Tenerife, Spain, 2008

Panel on Wikipedia and the Semantic Web at the International Wikimedia Conference Wikimania,Cambridge, Massachusetts, USA, 2006.

Reviewer

Semantic Web Interoperability, Usability, Applicability, IOS Press Journal. SCImago - ranked 18th in Computer Science world-wide in 2013. Editors in chief: P. Hitzler, K. Janowicz

International Journal of Web Semantics, Elsevier. Impact Factor (2014): 2.550. Editors in Chief: T. Finin, I. Horrocks, A. Bernstein.

International Journal of Semantic Web and Information Systems, IGI Global. Impact Factor (2014): 0.903. Editors in Chief: Amit Sheth.

International Journal of Human-Computer Studies, Elsevier. Impact Factor (2015): 1.293. Editors in Chief: E. Motta.

International Journal of Applied Ontology, IOS Press. Impact Factor (2015): 0.615. Editors in Chief: N. Guarino, M. A. Musen

International Semantic Web Conference (ISWC).

ESWC: Semantic Web Conference.

EKAW: Conference on Knowledge Management and Knowledge Acquisition.

K-CAP: International Conference on Knowledge Capture.

I-Semantics: Conference on Semantic Systems.

Workshop on Collaborative Construction, Management and Linking of Structured Knowledge of ISWC, October 2009.

Semantic Authoring, Annotation and Knowledge Markup Workshop 2009 co-located with the 5th International Conference on Knowledge Capture (K-Cap 2009), Redondo Beach, California, USA, Canada September 1, 2009.

IR-KR2009 - The IJCAI-09 Workshop on "Identity and Reference in web-based Knowledge Representation" http://ir-kr.okkam.org/ Pasadena, California, USA, July 11-13, 2009.

SWAP 2008 - 5th International Workshop on Semantic Web Application and Perspectives Rome, Italy, December 2008.

Workshop on Wiki-based Knowledge Engineering at the 2006 International Symposium on Wikis, Odense, Denmark, 2006.

Workshop on Social and Collaborative Construction of Structured Knowledge at 16th International World Wide Web Conference (WWW2007) Banff, Alberta, Canada, 2007.

I3: Identity, Identifiers, Identification. Entity-Centric Approaches to Information and Knowledge Management on the Web. Workshop at 16th International World Wide Web Conference (WWW2007), Banff, Alberta, Canada.

Participation to working groups

"Semantic Web Best Practices and Deployment" Working group of the World Wide Web Consortium Task force member: "RDF/Topic Maps Interoperability".

RESEARCH PROJECTS

MARIO (Managing Active and healthy aging with use of caRing servIce robots) - H2020 EU Project
Team leader, WP coordinator   **2015 - 2017**
- Topic: Assistive care robotics

STLab-ISTC bilateral project for Cultural Heritage Linked data
Coordinator   **2014 - present**
- Topic: Linked data

Semantic Sicily - PO FESR Sicilia
Coordinator   **2014 - present**
- Topic: Technology transfer for Sicilian SMEs

PRISMA (PiattafoRme cloud Interoperabili per SMArt-government) - Programma Operativo Nazionale Ricerca e Competitività 2007-2013 (Italian) funded project
Team leader   **2012 - 2015**
- Topic: Smart Cities and Communities and Social Innovation

IKS (Interactive Knowledge Stack) - EU IP FP7 funded project
Researcher, team leader, WP coordinator   **2009 - 2012**
- Topic: Semantic Content Management Systems

NeOn - EU IP FP6 funded project
Researcher and task leader   **2006 - 2010**
- Topic: Lifecycle Support for Networked Ontologies

DALOS - EU funded project
Research Consultant   **2008**
- Topic: Drafting Legislation with Ontology-based Support.

TOCAI - MIUR National (Italian) funded Project
Researcher   **2006 - 2010**
- Topic: Tecnologie Orientate alla Conoscenza per Aggregazioni di Imprese in Internet (Knolwedge technologies for enterprise aggregation on the Internet)

SAHARA - MIUR National (Italian) funded Project
Undergraduate student and PhD Student   **2002-2003**
- Topic: Software Architectures for Heterogeneous Access Network Infrastructures

PUBLICATIONS   **Journal papers**

A. Gangemi, **V. Presutti**, D. Reforgiato Recupero, A. G. Nuzzolese, F. Draicchio, M. Mongioví: "Semantic Web Machine Reading with FRED". Semantic Web (accepted). Impact Factor (Science Citation Index): 1.786

A. G. Nuzzolese, **V. Presutti**, A. Gangemi, S. Peroni and P. Ciancarini. "Aemoo: Linked Data exploration based on Knowledge Patterns." Semantic Web (in press). DOI: 10.3233/SW- 160222. Impact Factor (Science Citation Index): 1.786

D. Reforgiato Recupero, M. Castronovo, S. Consoli, T. Costanzo, A. Gangemi, L. Grasso, G. Lodi, G. Merendino, M. Mongioví, **V. Presutti**, S. D. Rapisarda, S. Rosa, E. Spampinato: An Innovative, Open, Interoperable Citizen Engagement Cloud Platform for Smart Government and Users' Interaction. Journal of the Knowledge Economy Volume 7, Issue 2, 1 June 2016, Pages 388-412. DOI: 10.1007/s13132-016-0361-0. Impact Factor (IPP Scopus): 1.021

V. Presutti, A. G. Nuzzolese, S. Consoli, A. Gangemi, D. Reforgiato Recupero: "From hyperlinks to Semantic Web properties using Open Knowledge Extraction." Semantic Web 7(4): 351-378 (2015). DOI: 10.3233/SW-160221. Impact Factor (Science Citation Index): 1.786

M. Mongioví, D. Reforgiato Recupero, A. Gangemi, **V. Presutti**, S. Consoli: "Merging open knowledge extracted from text with MERGILO". Knowledge-based Systems (in press). DOI: 10.1016/j.knosys.2016.05. Impact Factor (Science Citation Index): 3.325

A. Gangemi, D. Reforgiato Recupero, M. Mongioví, **V. Presutti**: "Identifying motifs for evaluating open knowledge extraction on the Web". Knowledge-based Systems (in press). DOI: 10.1016/j.knosys.2016.05.02 Impact Factor (Science Citation Index): 3.325

D. Reforgiato Recupero, **V. Presutti**, S. Consoli, A. Gangemi, A. G. Nuzzolese: "Sentilo: frame-based sentiment analysis." Cognitive Computation (2014): 1-15. Springer. Impact Factor: 1.100

A. Gangemi, **V. Presutti**, D. Reforgiato Recupero: Frame-Based Detection of Opinion Holders and Topics: A Model and a Tool. IEEE Computational Intelligence Magazine 9(1): 20-30 (2014). DOI: 10.1109/MCI.2013.2291688 Impact Factor: 2.706

H. Halpin, **V. Presutti**: The identity of resources on the Web: An ontology for Web architecture. Applied Ontology 6(3): pp. 263-293 (2011). Impact Factor: 0.844

A. Gangemi, **V. Presutti**: Towards a pattern science for the Semantic Web. Semantic Web 1(1-2): pp. 61-68 (2010). Impact Factor (Science Citation Index): 1.786

V. Presutti and A. Gangemi. Identity of Resources and Entities on the Web. A. Sheth (Ed.) International Journal on Semantic Web & Information Systems, 4(2): pp. 49-72, April-June 2008. Impact Factor: 2.308

Conference papers - peer reviewed

A. Gangemi, A. G. Nuzzolese, **V. Presutti**, D. Reforgiato Recupero: Adjective Semantics in Open Knowledge Extraction. FOIS 2016: 167-180

M. Mongioví, D. Reforgiato Recupero, A. Gangemi, **V. Presutti**, A. G. Nuzzolese, S. Consoli: "Semantic reconciliation of knowledge extracted from text through a novel machine reader." K-CAP 2015: 25:1-25:4

V. Presutti, S. Consoli, A. G. Nuzzolese, D. Reforgiato Recupero, A. Gangemi, I. Bannour, H. Zargayouna: Uncovering the Semantics of Wikipedia Pagelinks. EKAW 2014: 413-428

S. Consoli, A. Gangemi, A G. Nuzzolese, S. Peroni, **V. Presutti**, D. Reforgiato Recupero, D. Spampinato: Geolinked Open Data for the Municipality of Catania. WIMS 2014: 58

A. Gangemi, E. Hassan, **V. Presutti** and D. Reforgiato Recupero. FRED as an Event Extraction Tool. Proceedings of DeRiVE2013 Workshop at ISWC2013

A. Adamou, P. Ciancarini, A. Gangemi, **V. Presutti**. The Foundations of Virtual Ontology Networks. Proceedings of I-Semantics 2013, ACM ICP Series, 2013.

A. G. Nuzzolese, **V. Presutti**, A. Gangemi, A. Musetti and P. Ciancarini. Aemoo: Exploring Knowledge on the Web. Proceedings of WebSci2013 (ACM Web Science Conference), ACM, 2013.

A. Scheuermann, E. Motta, P. Mulholland, A. Gangemi and **V. Presutti**. An Empirical Perspective on Representing Time. Proceedings of the 7th International Conference on Knowledge Capture (K-CAP 2013), ACM.

A. Gangemi, **V. Presutti**. A Multi-dimensional Comparison of Ontology Design Patterns for Representing n-ary Relations. (To appear) In Proceedings of the 39th International Conference on Current Trends in Theory and Practice of Computer Science (SOFSEM 2013). Lecture Notes in Computer Science, Springer 2013.

A. Gangemi, A. G. Nuzzolese, **V. Presutti**, F. Draicchio, A. Musetti, P. Ciancarini: Automatic Typing of DBpedia Entities. In Proceedings (Part I) of The Semantic Web - 11th International Semantic Web Conference ISWC 2012: pp. 65-81. Lecture Notes in Computer Science 7649 Springer 2012, ISBN 978-3-642-35175-4.

E. Blomqvist, A. Seil Sepour, **V. Presutti**: Ontology Testing - Methodology and Tool. In Proceedings of Knowledge Engineering and Knowledge Management - 18th International Conference, EKAW 2012: pp. 216-226. Lecture Notes in Computer Science 7603 Springer 2012, ISBN 978-3-642-33875-5.

V. Presutti, F. Draicchio, A. Gangemi: Knowledge Extraction Based on Discourse Representation Theory and Linguistic Frames. In Proceedings of Knowledge Engineering and Knowledge Management - 18th International Conference, EKAW 2012: pp. 114-129. Lecture Notes in Computer Science 7603 Springer 2012, ISBN 978-3-642-33875-5.

A. G. Nuzzolese, A. Gangemi, **V. Presutti**, P. Ciancarini: Encyclopedic Knowledge Patterns from Wikipedia Links. In Proceedings (Part I) The Semantic Web - 10th International Semantic Web Conference ISWC 2011: pp. 520-536. Lecture Notes in Computer Science 7031 Springer 2011, ISBN 978-3-642-25072-9.

A. G. Nuzzolese, A. Gangemi, and **V. Presutti**. Gathering Lexical Linked Data and Knowledge Patterns from FrameNet. Proceedings of the 6th International Conference on Knowledge Capture (K-CAP 2011), pp. 41-48. ACM 2011, ISBN 978-1-4503-0396-8.

E. Blomqvist, **V. Presutti**, E. Daga, and A. Gangemi. Experimenting with eXtreme Design.In Proceedings of Knowledge Engineering and Management by the Masses - 17th International Conference, EKAW 2010, pp.120-134. Lecture Notes in Computer Science 6317 Springer 2010, ISBN 978-3-642-16437-8.

E. Blomqvist, **V. Presutti**, and A. Gangemi. Experiments on Pattern-based Ontology Design. In Proceedings of the 5th International Conference on Knowledge Capture (K-CAP 2009), pp. 41-48. ACM 2009, ISBN 978-1-60558-658-8.

H. Halpin and **V. Presutti**. An Ontology of Resources: Solving the Identity Crisis. In Proceedings of The Semantic Web: Research and Applications, 6th European Semantic Web Conference, ESWC 2009, pp. 521-534. Lecture Notes in Computer Science 5554 Springer 2009, ISBN 978-3-642-02120-6.

B. Coppola, A. Gangemi, A. Gliozzo, D. Picca, **V. Presutti**. Frame Detection over the Semantic Web. In Proceedings of The Semantic Web: Research and Applications, 6th European Semantic Web Conference, ESWC 2009, pp. 126-142. Lecture Notes in Computer Science 5554 Springer 2009, ISBN 978-3-642-02120-6.

V. Presutti and A. Gangemi. Content Ontology Design Patterns as Practical Building Blocks for Web Ontologies. In Proceedings of Conceptual Modeling, 27th International Conference on Conceptual Modeling, ER 2008: pp. 128-141. Lecture Notes in Computer Science 5231 Springer 2008, ISBN 978-3-540-87876-6.

A. Gangemi, A. Gliozzo, **V. Presutti**, E. Cardillo, E. Daga, A. Salvati, G. Troiani. A Collaborative Semantic Web Layer to Enhance Legacy Systems. In Proceeding of The Semantic Web, 6th International Semantic Web Conference, 2nd Asian Semantic Web Conference, ISWC/ASWC 2007: pp. 764-777. Lecture Notes in Computer Science 4825 Springer 2007, ISBN 978-3-540-76297-3.

A. Di Iorio, **V. Presutti**, and F. Vitali. WikiFactory: An Ontology-Based Application for Creating Domain-Oriented Wikis. In Proceedings of The Semantic Web: Research and Applications, 3rd European Semantic Web Conference, ESWC 2006: pp. 664-678. Lecture Notes in Computer Science 4011 Springer 2006, ISBN 3-540-34544-2.

P. Ciancarini, D. Rossi, **V. Presutti**, L. Garlaschelli, and L. Bompani. Intra-domain Search Engine: validation of results. In Proceedings of the Congresso Annuale AICA 2005, Udine, Italy, October, 2005.

L.M. Garshol, N. Gessa, S. Pepper, **V. Presutti**, and F. Vitali. Achieving Interoperability between RDF and Topic Maps. In Proceedings of the Xtech Conference, Amsterdam, Netherlands, May, 2005.

L. Bocchi, P. Ciancarini, R. Moretti, **V. Presutti**, and D. Rossi. An OWL-S Based Approach to Express Grid Services Coordination. In Proceedings of the 2005 ACM Symposium on Applied Computing (SAC), pp. 1661-1667. ACM 2005, ISBN 1-58113-964-0.

P. Ciancarini, **V. Presutti**, and L. Abeti. An Ontology Driven Design Method for Inter-Agent Communication. In Proceedings of the Fifteenth International Conference on Software Engineering & Knowledge Engineering (SEKE 2003), pp. 90-94.

P. Ciancarini, R. Gentilucci, M. Pirruccio, **V. Presutti**, and F. Vitali. Metadata on the web: On the integration of RDF and Topic Maps. In Proceedings of the Extreme Markup Languages 2003 Conference, Montreal, Canada, August 2003.

Books

P. Lambrix, E. Hyvönen, E. Blomqvist, **V. Presutti**, G. Qi, U. Sattler, Y. Ding, C. Ghidini: Knowledge Engineering and Knowledge Management - EKAW 2014 Satellite Events, VISUAL, EKM1, and ARCOE-Logic, Linköping, Sweden, November 24-28, 2014. Revised Selected Papers. Lecture Notes in Computer Science 8982, Springer 2015, ISBN 978-3-319-17965-0

V. Presutti, M. Stankovic, E. Cambria, I. Cantador, A. Di Iorio, T. Di Noia, C. Lange, D. Reforgiato Recupero, A. Tordai (Eds.): Semantic Web Evaluation Challenge - SemWebEval 2014 at ESWC 2014, Anissaras, Crete, Greece, May 25-29, 2014, Revised Selected Papers. Communications in Computer and Information Science 475, Springer 2014, ISBN 978-3-319-12023-2

V. Presutti, C. d'Amato, F. Gandon, M. d'Aquin, S. Staab, A. Tordai (Eds.): The Semantic Web: Trends and Challenges - 11th International Conference, ESWC 2014, Anissaras, Crete, Greece, May 25-29, 2014. Proceedings. Lecture Notes in Computer Science 8465, Springer 2014, ISBN 978-3-319-07442-9

V. Presutti, E. Blomqvist, R. Troncy, H. Sack, I. Papadakis, A. Tordai (Eds.): The Semantic Web: ESWC 2014 Satellite Events - ESWC 2014 Satellite Events, Anissaras, Crete, Greece, May 25-29, 2014, Revised Selected Papers. Lecture Notes in Computer Science 8798, Springer 2014, ISBN 978-3-319-11954-0

P. Cimiano, O. Corcho, **V. Presutti**, L. Hollink and S. Rudolph (Eds.): The Semantic Web: Semantics and Big Data - 10th Extended Semantic Web Conference, ESWC 2013, Montpellier, France, May 26-30, 2013. Proceedings, Lecture Notes in Computer Science, Springer 2013.

A. Gangemi, M. Gruninger, K. Hammar, L. Lefort, **V. Presutti**, A. Scherp (Eds.): Proceedings of the 4th Workshop on Ontology and Semantic Web Patterns co-located with 12th International Semantic Web Conference (ISWC 2013), Sydney, Australia, October 21, 2013. CEUR Workshop Proceedings 1188, CEUR-WS.org 2013

E. Simperl, P. Cimiano, A. Polleres, O. Corcho, **V. Presutti** (Eds.): The Semantic Web: Research and Applications - 9th Extended Semantic Web Conference, ESWC 2012, Heraklion, Crete, Greece, May 27-31, 2012. Proceedings. Lecture Notes in Computer Science 7295, Springer 2012, ISBN 978-3-642-30283-1.

V. Presutti, H. S. Pinto (Eds.): I-SEMANTICS 2012 - 8th International Conference on Semantic Systems, I-SEMANTICS '12, Graz, Austria, September 5-7, 2012. ACM 2012, ISBN 978-1-4503-1112-0.

S. Handschuh, T. Heath, V. Thai, I. Dickinson, L. Aroyo, **V. Presutti**: Visual interfaces to the social and semantic web (VISSW 2010). IUI 2010: 435-436. ACM 2010, ISBN 978-1-60558-515-4.

E. Blomqvist, V. K. Chaudhri, O. Corcho, **V. Presutti**, K. Sandkuhl (Eds.): Proceedings of the 2nd International Workshop on Ontology Patterns - WOP2010, Shanghai, China, November 8, 2010. CEUR Workshop Proceedings 671, CEUR-WS.org 2010.

A. Gangemi, J. Keizer, **V. Presutti**, H. Stoermer (Eds.): Proceedings of the 5th Workshop on Semantic Web Applications and Perspectives (SWAP2008), Rome, Italy, December 15-17, 2008. CEUR Workshop Proceedings 426, CEUR-WS.org 2008

Book chapters

B. Coppola, A. Gangemi, A. Gliozzo, D. Picca, **V. Presutti**: Learning Domain Ontologies by Corpus-Driven FrameNet Specialization. J. Völker, J. Lehmann (eds.) Perspectives on Ontology Learning, IOS Press, Amsterdam, 978-1-61499-378-0, 2014.

V. Presutti. Essential Requirements for Semantic CMS. In W. Maass, T. Kowatsch (Eds.): Semantic Technologies in Content Management Systems, Springer Berlin Heidelberg (2012), pp. 91-107. ISBN 978-3-642-24960-0.

A. Adamou, **V. Presutti**. Customizing Your Interaction with Kali-ma. In M. C. Suárez-Figueroa, A. Gómez-Pérez, E. Motta, A. Gangemi (Eds.): Ontology Engineering in a Networked World, Springer-Verlag Berlin Heidelberg, 2012, pp. 319-342. ISBN: 978-3-642-24793-4.

V. Presutti, E. Blomqvist, E. Daga, A. Gangemi. Pattern-Based Ontology Design. In M. C. Suárez-Figueroa, A. Gómez-Pérez, E. Motta, A. Gangemi (Eds.): Ontology Engineering in a Networked World, Springer-Verlag Berlin Heidelberg, 2012, pp. 35-64. ISBN: 978-3-642-24793-4.

A. Gangemi, **V. Presutti**, E. Blomqvist. The Computational Ontology Perspective: Design Patterns for Web Ontologies. In G. Sartor, P. Casanovas, et al. (Eds): Approaches to Legal Ontologies. Law, Governance and Technology Series Volume 1, 2011, pp. 201-217. ISBN: 978-94-007-0119-9.

A. Gangemi and **V. Presutti**. Ontology Design Patterns. In S. Staab et al. (Eds.): Handbook of Ontologies (2nd edition), Berlin, Second edition, (2009), pp. 221-243.

L. Bocchi, P. Ciancarini, R. Moretti, and **V. Presutti**. On the Impact of AOSE in Service-Oriented Computing. In Emerging Methods, Technologies, and Process Management in Software Engineering (Chapter 4). A. De Lucia, F. Ferrucci, G. Tortora, M. Tucci (Eds.): March 2008, Wiley-IEEE Computer Society. ISBN: 978-0-470-08571-4.

A. Gangemi and **V. Presutti**. Ontology Design for Interaction in a Reasonable Enterprise. In Handbook of Ontologies for Business Interaction (Chapter 4) pp. 46-68. Peter Rittgen (Eds.). IGI Global, January 2008. ISBN13: 9781599046600.

L. Abeti, P. Ciancarini, and **V. Presutti**. An Ontology Driven Method for Designing Software Agents for Workflows across Organizations. In A. Cimitile, A. DeLucia, and H. Gall, editors, Cooperative Methods and Tools for Distributed Software Processes, Software Technologies, pp. 162-175. Franco Angeli, Italy, 2003.

Workshop papers - peer reviewed

D. Reforgiato Recupero, A. Gangemi, A. G. Nuzzolese, S. Consoli, D. Spampinato, **V. Presutti**: "Semantic Web-based Sentiment Analysis." SSA-SMILE@ESWC 2014: 25-28

S. Consoli, A. Gangemi, A. G. Nuzzolese, S. Peroni, **V. Presutti**, D. Reforgiato Recupero, D. Spampinato: "Towards emergency vehicle routing using Geolinked Open Data: the case study of the Municipality of Catania." SSA-SMILE@ESWC 2014: 31-42

R. de Almeida Falbo, G. Guizzardi, A. Gangemi, **V. Presutti**: Ontology Patterns: Clarifying Concepts and Terminology. 4th Workshop on Ontology and Semantic Web Patterns (WOP2013) Sydney, Australia. CEUR Workshop Proceedings 1188, CEUR-WS.org 2013

A. G. Nuzzolese, A. Gangemi, **V. Presutti** and P. Ciancarini: Type inference through the analysis of Wikipedia links. In C. Bizer, T. Heath, T. Berners-Lee, M. Hausenblas (Eds.): Proceedings of the WWW2012 Workshop on Linked Data on the Web (LDOW 2012), Lyon, France, 16 April, 2012. CEUR-WS Vol-937.

V. Presutti, L. Aroyo, A. Adamou, B. Schopman, A. Gangemi, G. Schreiber: Extracting Core Knowledge from Linked Data. Proceedings of the Second ISWC International Workshop on Consuming Linked Data (COLD2011), Bonn, Germany, October 23, 2011. CEUR-WS Vol-782.

A. Adamou, P. Ciancarini, A. Gangemi, **V. Presutti**: User-sensitive Explanations under a Knowledge Pattern Lens. In Proceedings of the second Workshop on Semantic Personalized Information Management: Retrieval and Recommendation 2011, Bonn, Germany, October 24, 2011. CEUR-WS Vol-781: pp. 14-21.

A. G. Nuzzolese, A. Gangemi, **V. Presutti**, P. Ciancarini. Fine-Tuning Triplification with Semion. In Proceedings of the 1st Workshop on Knowledge Injection into and Extraction from Linked Data (KIELD 2010), pp. 2-14.

V. Presutti, E. Daga, A. Gangemi, E. Blomqvist: eXtreme Design with Content Ontology Design Patterns. In Proceedings of the Workshop on Ontology Patterns (WOP 2009), collocated with the 8th International Semantic Web Conference (ISWC-2009), Washington D.C., USA, 25 October, 2009. CEUR-WS Vol-516.

V. Svátek, O. Sváb-Zamazal, **V. Presutti**. Ontology Naming Pattern Sauce for (Human and Computer) Gourmets. In Proceedings of the Workshop on Ontology Patterns (WOP 2009), collocated with the 8th International Semantic Web Conference (ISWC-2009), Washington D.C., USA, 25 October, 2009. CEUR-WS Vol-516.

H. Halpin and **V. Presutti**. An Ontology of Resources for Linked Data. In Proceedings of the WWW2009 Workshop on Linked Data on the Web (LDOW 2009), Madrid, Spain, April 20, 2009. CEUR-WS Vol-538.

E. Daga, **V. Presutti**, A. Salvati: http://ontologydesignpatterns.org and Evaluation WikiFlow. In Proceedings of the 5th Workshop on Semantic Web Applications and Perspectives (SWAP2008), Rome, Italy, December 15-17, 2008. CEUR-WS Vol-426.

A. Gangemi, J. Lehmann, **V. Presutti**, M. Nissim and C. Catenacci. C-ODO: an OWL meta-model for collaborative ontology design. In Proceedings of the Workshop on Social and Collaborative Construction of Structured Knowledge (CKC 2007) at the 16th International World Wide Web Conference (WWW2007) Banff, Canada, May 8, 2007. CEUR-WS Vol-273.

A. Gangemi, **V. Presutti**: A Grounded Ontology for Identity and Reference of Web Resources. In Proceedings of the WWW2007 Workshop I3: Identity, Identifiers, Identification, Entity-Centric Approaches to Information and Knowledge Management on the Web, Banff, Canada, May 8, 2007. CEUR-WS Vol-249.

V. Presutti and A. Gangemi. Towards an OWL Ontology for Identity on the Web. SWAP 2006 - Semantic Web Applications and Perspectives, Proceedings of the 3rd Italian Semantic Web Workshop, Scuola Normale Superiore, Pisa, Italy, 18-20 December, 2006. CEUR-WS Vol-201.

A. Gangemi and **V. Presutti**. The bourne identity of a web resource. In Proceedings of Architecture and Philosophy of the Web Identity, Reference, and the Web (IRW2006), WWW2006 Workshop, Edinburgh, Scotland, May, 23rd 2006.
http://www.ibiblio.org/hhalpin/irw2006/presentations/vpresutti.pdf.

A. Di Iorio, M. Fabbri, **V. Presutti**, F. Vitali: Automatic Deployment of Semantic Wikis: a Prototype. In SemWiki2006, First Workshop on Semantic Wikis - From Wiki to Semantics, Proceedings, co-located with the ESWC2006, Budva, Montenegro, June 12, 2006. CEUR-WS Vol-206.

V. Presutti, L.M. Garshol, N. Gessa, S. Pepper, and F. Vitali. Towards the definition of guidelines for RDF and Topic Maps interoperability. In Proceedings of the 5th International Workshop on Knowledge Markup and Semantic annotation (SemAnnot 2005) located at the 4rd International Semantic Web Conference (ISWC 2005), Galway, Ireland, May, 2005.

M. Tivoli, P. Inverardi, **V. Presutti**, A. Forghieri, and M. Sebastianis. Correct components assembly for a product data management cooperative system. In Proceedings of the International Symposium on Component-based Software Engineering (CBSE7), an adjunct event to ICSE2004 workshops, Edinburgh, Scotland, 2004.

P. Ciancarini, **V. Presutti**: Towards Ontology Driven Software Design. In Radical Innovations of Software and Systems Engineering in the Future, 9th International Workshop, RISSEF 2002, Venice, Italy, October 7-11, 2002, Revised Papers. Lecture Notes in Computer Science 2941 Springer 2004, pp. 122-136. ISBN 3-540-21179-9.

Posters - peer reviewed

S. Consoli, M. Mongioví, A. G. Nuzzolese, Silvio Peroni, **V. Presutti**, D. Reforgiato Recupero, D. Spampinato: "A Smart City Data Model based on Semantics Best Practice and Principles." WWW (Companion Volume) 2015: 1395-1400

A. Gentile, M. Acosta, L. Costabello, A. G. Nuzzolese, **V. Presutti**, D. Reforgiato Recupero: "Conference Live: Accessible and Sociable Conference Semantic Data." WWW (Companion Volume) 2015: 1007-1012

S. Consoli, D. Reforgiato Recupero, M. Mongioví, **V. Presutti**, G. Cataldi, W. Patatu: "An Urban Fault Reporting and Management Platform for Smart Cities." WWW (Companion Volume) 2015: 535-540

D. Reforgiato Recupero, A. G. Nuzzolese, S. Consoli, **V. Presutti**, M Mongioví, S. Peroni: "Extracting knowledge from text using SHELDON, a Semantic Holistic framEwork for LinkeD ONtology data." WWW (Companion Volume) 2015: 235-238

D. Reforgiato Recupero, A. G. Nuzzolese, S. Consoli, A. Gangemi, **V. Presutti**: "SHELDON: Semantic Holistic FramEwork for LinkeD ONtology Data." EKAW (Satellite Events) 2014: 136-139

S. Consoli, A. G. Nuzzolese, **V. Presutti**, D. Reforgiato Recupero, A. Gangemi: "Legalo: Revealing the Semantics of Links." EKAW (Satellite Events) 2014: 140-144

A. G. Nuzzolese, A. Gangemi, **V. Presutti**, F. Draicchio, A. Musetti, P. Ciancarini: Tpalo: A Tool for Automatic Typing of DBpedia Entities. ESWC (Satellite Events) 2013: 253-257

F. Draicchio, A. Gangemi, **V. Presutti**, A. G. Nuzzolese: FRED: From Natural Language Text to RDF and OWL in One Click. ESWC (Satellite Events) 2013: 263-267

A. Gangemi, F. Draicchio, **V. Presutti**, A. G. Nuzzolese, D. Reforgiato Recupero: A Machine Reader for the Semantic Web. International Semantic Web Conference (Posters & Demos) 2013: 149-152

A. G. Nuzzolese, A. Gangemi, **V. Presutti**, P. Ciancarini: Towards the Natural Ontology of Wikipedia. International Semantic Web Conference (Posters & Demos) 2013: 273-276.

A. Musetti, A. G. Nuzzolese, F. Draicchio, **V. Presutti**, E. Blomqvist, A. Gangemi, and P. Ciancarini. Aemoo: Exploratory Search based on Knowledge Patterns over the Semantic Web. Semantic Web Challenge 2011 of the International Semantic Web Conference (4th ranked). http://challenge.semanticweb.org/submissions2011/swc2011_submission_10.pdf

V. Presutti, L. Aroyo, A. Gangemi, A. Adamou, B. A. C. Schopman, G. Schreiber: A knowledge pattern-based method for linked data analysis. In Proceedings of the 6th International Conference on Knowledge Capture (K-CAP 2011), June 26-29, 2011, Banff, Alberta, Canada. ACM 2011, pp. 173-174. ISBN 978-1-4503-0396-8.

V. Presutti, E. Daga, A. Gangemi, A. Salvati. http://ontologydesignpatterns.org [ODP]. In C. Bizer, A. Joshi (Eds.): Proceedings of the Poster and Demonstration Session at the 7th International Semantic Web Conference (ISWC2008), Karlsruhe, Germany, October 28, 2008. CEUR-WS Vol-401.

A. Di Iorio and M. Fabbri and **V. Presutti** and F. Vitali. Automatic Deployment of Semantic Wikis: a Prototype. In ESWC2006 First Workshop on Semantic Wikis From Wiki To Semantics, Budva, Montenegro, June, 2006.

Software

The tools that I contribute to as architecture designer and development supervisor are grouped at http://wit.istc.cnr.it/stlab-tools/. Below a detailed description of them is provided. All software tools are open source and available as REST services.

Committer of **Apache Stanbol** (until 2013): an open source software project that provides a set of reusable components for semantic content management. I contribute as architecture designer to the components: Rules, Ontonet, and Reasoning.
http://stanbol.apache.org/

Tipalo automatically assigns types to Wikipedia entities. Given a Wikipedia page URI, the tool returns an RDF graph composed of rdf:type, rdfs:subClassOf, owl:sameAs, and owl:equivalentTo statements providing typing information about the entity referred by the Wikipedia page. I contribute as architecture designer and supervise the tool development.
http://wit.istc.cnr.it/stlab-tools/tipalo/

FRED is a tool for automatically producing RDF/OWL ontologies and linked data from natural language sentences. The method is based on Combinatory Categorial Grammar, Discourse Representation Theory, Linguistic Frames, and Ontology Design Patterns. Results are enriched with Named Entity Resolution (NER) and Word-Sense Disambiguation (WSD). I contribute as architecture designer and supervise the tool development.
http://wit.istc.cnr.it/stlab-tools/fred/

Aemoo helps exploring Wikipedia knowledge in a twofold way. It implements filtering strategies based on Encyclopedic Knowledge Patterns (EKP), which have been extracted from the Wikipedia linking structure, showing alternatively "core" or "curious" knowledge about a Wikipedia entity. I contribute as architecture designer and supervise the tool development.
http://wit.istc.cnr.it/ekp-0.3/

XDTools is a plugin to the NeOn Toolkit and provides a perspective - eXtreme Design - that groups components for ontology design: the ODP Registry browser and ODP Details view, the XD Selector, the XD Specialization Wizard, the XD Analyzer and the XD Annotation dialog. I contribute as architecture designer and supervise the tool development.
http://stlab.istc.cnr.it/documents/XD/documentation/1.1/

Kali-ma is a plugin for the NeOn Toolkit that provides a unified view for browsing and accessing the ontology design functionalities provided by the other plugins on a specific NeOn Toolkit installation. It also provides a realtime chat functionality integrated with local ontology projects, and a search service for ontology project metadata injected by the Toolkit or its plugins. I contribute as architecture designer and supervise the tool development.
http://stlab.istc.cnr.it/stlab/KaliMa

Technical reports

S. Janzen, E. Blomqvist, A. Filler, S. Gönül, T. Kowatsch, A. Adamou, S. Germesin, M. Romanelli, **V. Presutti**, C. Cimen, W. Maass, S. Postaci, E. Alpay, T. Namli, G Banu Laleci Erturkmen. IKS Deliverable 4. 1: AmI Case-Design and Implementation, 2011. Interactive Knowledge Stack IKS EU IP FP7.

E. Daga, E. Blomqvist, A. Gangemi, E. Montiel, N. Nikitina, **V. Presutti**, B. Villazon-Terrazas. NeOn Deliverable 2.5.2: Pattern based ontology design: methodology and software support, 2010. NeOn: Lifecycle Support for Networked Ontologies, EU IP FP6.

A. Gangemi, **V. Presutti**. NeOn Deliverable 2.1.2: The collaborative ontology design ontology (v2), 2009. NeOn: Lifecycle Support for Networked Ontologies, EU IP FP6.

W. Peters, A. Gangemi, **V. Presutti**, D. Mladenic, R. Palma, K. Dellschaft, A. Adamou, E. Daga, H. Lewen, M. Erdmann, A. Becker. NeOn Deliverable 2.3.2: Practical Methods to Support Collaborative Ontology Design (V2), 2009. NeOn: Lifecycle Support for Networked Ontologies, EU IP FP6.

A. Adamou, A. Gangemi, **V. Presutti**. NeOn Deliverable 2.3.4: C-ODO plugin v1.0, 2009. NeOn: Lifecycle Support for Networked Ontologies, EU IP FP6.

M. Sabou, G. A. de Cea, M. dAquin, E. Daga, H. Lewen, E. Montiel-Ponsoda, **V. Presutti**, M. C. Suárez-Figueroa. NeOn Deliverable 2.2.3: Methods and Tools for the Evaluation and Selection of Knowledge Components, 2009. NeOn: Lifecycle Support for Networked Ontologies, EU IP FP6.

C. Caracciolo, J. Heguiabehere, **V. Presutti**, A. Gangemi. NeOn Deliverable 7.2.3: Initial Network of Fisheries Ontologies, 2009. NeOn: Lifecycle Support for Networked Ontologies, EU IP FP6.

K. Dellschaft, A. Gangemi, J. M. Gomez, H. Lewen, **V. Presutti**, M. Sini. NeOn Deliverable 2.3.1: Practical Methods to Support Collaborative Ontology Design, 2008. NeOn: Lifecycle Support for Networked Ontologies, EU IP FP6.

V. Presutti, A. Gangemi, S. David, G. A. de Cea, M. C. Surez-Figueroa, E. Montiel-Ponsoda, M. Poveda. NeOn Deliverable 2.5.1: A Library of Ontology Design Patterns: reusable solutions for collaborative design of networked ontologies, 2008. NeOn: Lifecycle Support for Networked Ontologies, EU IP FP6.

M. C. Suárez-Figueroa, G. A. de Cea, C. Buil, C. Caracciolo, M. Dzbor, A. Gomez-Perez, G. Herrero, H. Lewen, E. Montiel-Ponsoda, **V. Presutti**. NeOn Deliverable 5.3.1. NeOn Development Process and Ontology Life Cycle, 2007. NeOn: Lifecycle Support for Networked Ontologies, EU IP FP6.

M. Sabou, S. Angeletou, M. dAquin, J. Barrasa, K. Dellschaft, A. Gangemi, J. Lehmann, H. Lewen, D. Maynard, D. Mladenic, M. Nissim, W. Peters, **V. Presutti**, B. Villazon. NeOn Deliverable 2.2.1: Methods for selection and integration of reusable components from formal or informal user specifications, 2007. NeOn: Lifecycle Support for Networked Ontologies, EU IP FP6.

M. C. Suarez-Figueroa, S. Brockmans, A. Gangemi, A. Gomez-Perez, J. Lehmann, H. Lewen, **V. Presutti**, M. Sabou. NeOn Deliverable 5.1.1: NeOn Modelling Components, 2007. NeOn: Lifecycle Support for Networked Ontologies, EU IP FP6.

PROFESSIONAL EXPERIENCES

Consultancies

Sinergis s.r.l.
- Ontology Engineer
- Period: 2015
- Development of two ontologies about (i) provisional balance and (ii) project funding schemes, for public administrations.

NeOn Foundation
- Training coordinator
- Period: 2010-2013
- I had the role of organising training activities on NeOn technologies and related topics, and coordinating participating tutors.

European Commission, Luxembourg

- Reviewer for the "EU FP7 funded Integrated Project" (IP) "Active"
- Period: 2010-2011

- Expert in Semantic technologies and ICT.
- Period: 2009 - 2012

Food and Agricultural Organization of the United Nations (FAO), Rome

- Development of a project plan and a mock up for an agricultural knowledge portal based on the AGRIS repository (http://www.fao.org/agris/search) and using available semantic web technologies.
  Development of a Semantic Mediawiki extension for managing FAO document repository and related ontologies for facilitating semantic search.
- Period: 2009-2010

Centro Nazionale per l'Informatica nella Pubblica Amministrazione (CNIPA), Rome

- Design and evaluation of ontologies for the legal domain.
- Period: 2008

Portale dell'Ateneo di Bologna, University of Bologna

- Carried out consulting projects, including design of an ontology for the categorization of documents, and search engine experiments with semantic technologies.
- 2004-2008

I-Tel, Roma

- Ontology design based on database re-engineering and semantic web technologies for the development of an application for workflow support (Easy4plan).
- Period: 2006

LANGUAGES
- Italian: native language
- English: fluent
- French: good

OTHER SKILLS
- Software Engineering: Object Oriented Software Design, Software Development Project Management, Software Design Patterns, UML.
- Semantic Web Technologies: RDF, OWL, Semantic Wikis, Protégé, NeOn Toolkit, TopBraid Composer
- Programming, markup, and script languages: Python, C, Unix shell scripts, Latex, XML, HTML
- Tools: Protégé, NeOn Toolkit, TopBraid Composer, Eclipse, Visual Paradigm
- Operating Systems: Unix/Linux, Mac OS X.