



## Ghislain Auguste ATEMEZING, Ph.D

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### PERSONAL INFORMATION

Nationality French  
Web: <http://www.atemezing.org>  
Email: e-mail: [me@atemezing.org](mailto:me@atemezing.org)  
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Address 29 rue Casteres, 92110 Clichy, Paris, France

### SOCIAL MEDIA CONTACT

Twitter @gatemezing  
LinkedIn [fr.linkedin.com/in/gatemezing](http://fr.linkedin.com/in/gatemezing)  
Google+ <https://google.com/+GhislainAtezing>

### W3C ACTIVITIES AND STANDARDS

- ✓ Member of the **W3C Data on the Web Best Practices (DWBP) Working Group** Feb 2014-Present
- ✓ Contributor for the Use Case Document published as FPWD in June, 2014. Ref: <http://www.w3.org/TR/dwbp-ucr/>.
- ✓ Co-Author of the Best Practice Document, candidate for Recommendation. Link: <http://www.w3.org/TR/dwbp-bp/>.
  
- ✓ Member of the **W3C Locations and Addresses Community Group** Jul 2012-Present
  
- ✓ INSTITUT TELECOM representative at **W3C Government Linked Data (GLD) Working Group (Jul 2011-Jan 2014)**
  
- ✓ Editor of “Best Practices for Publishing Linked Data” released as NOTE (Jan 9, 2014) at <http://www.w3.org/TR/ld-bp/>.
- ✓ Editor of “Linked Data Glossary” released as NOTE (Jun 27, 2013) at <http://www.w3.org/TR/ld-glossary/>.
- ✓ Contributor for the “Community Directory” software, available at <http://dir.w3.org/>.

Administrator and curator of **Linked Open Vocabularies (LOV)** Sept 2012-Present  
✗ Main tasks: Assessing vocabularies to be inserted in LOV, help publishers to follow best practices, annual revision of vocabularies, vocabulary management and visualization, development of new features.

### PUBLICATIONS

Full List of publications details links:

- ✓ EURECOM: <http://www.eurecom.fr/fr/publication/list/author/atemezing-auguste-ghislain>
- ✓ Google Scholar: <http://scholar.google.com/citations?user=17EeA1UAAAAJ&hl=fr>

### Chapter Book

- Atezing, Ghislain Auguste and Troncy, Raphaël: Multimedia metadata. In "Encyclopedia of Social Network Analysis and Mining", Springer Verlag, 2014, ISBN: 978-1461461692

### Journal

1. Vandenbussche, P. Y., Atezing, G. A., Poveda-Villalón, M., and Vatant, B. (2015). **Linked Open Vocabularies (LOV): a gateway to reusable semantic vocabularies on the Web**. Semantic Web Journal, (Preprint), 1-16.
2. Atezing, Ghislain and Corcho, Oscar and Garijo, Daniel and Mora, José and Poveda-Villalón, María and Rozas, Pablo and Vila-Suero, Daniel and Villazón-Terrazas, Boris: **Transforming meteorological data into linked data**. In Semantic Web journal, Special Issue on Linked Dataset descriptions, 2012 (to appear). IOS Press, ISSN: 1570-0844.
3. Suárez-Figueroa, Mari Carmen; Atezing, Ghislain Auguste; Corcho, Oscar : **The landscape of multimedia ontologies in the last decade** in Multimedia Tools and Applications, Vol 55, N3, December 2011.

### Conferences and Workshops

1. Ghislain A. Atezing: **Applying DCAT vocabulary on RDF datasets**. In W3C Smart Descriptions & Smarter Vocabularies (SDSVoc), (Amsterdam 2016, position paper)
2. GYRARD, Amelie, ATEMEZING, Ghislain, BONNET, Christian, et al. **Reusing and Unifying Background Knowledge for Internet of Things with LOV4IoT**. In : Future Internet of Things and Cloud (FiCloud), 2016 IEEE 4th International Conference on. IEEE, 2016. p. 262-269.
3. GYRARD, Amelie, SERRANO, Martin, et ATEMEZING, Ghislain A. **Semantic web methodologies, best practices and ontology engineering applied to Internet of Things**. In : Internet of Things (WF-IoT), 2015 IEEE 2nd World Forum on. IEEE, 2015. p. 412-417.
4. GARCÍA-SANTA, Nuria, ATEMEZING, Ghislain Auguste, et VILLAZÓN-TERRAZAS, Boris. **The ProtégéLOV plugin: ontology access and reuse for everyone**. In : European Semantic Web Conference. Springer International Publishing, 2015. p. 41-45.
5. Atezing, Ghislain Auguste; Troncy, Raphaël: **Towards a linked-data based visualization wizard**. In COLD 2014, 5th International Workshop on Consuming Linked Data, 19 October 2014, Riva del Garda, Italy .
6. Governatori, Guido and Lam, Ho-Pun and Rotolo, Antonino and Villata, Serena and Atezing, Ghislain and Gandon, Fabien: **Checking licenses compatibility between vocabularies and data**. In COLD 2014, 5th International Workshop on Consuming Linked Data, 19 October 2014, Riva del Garda, Italy.
7. Governatori, Guido and Lam, Ho-Pun and Rotolo, Antonino and Villata, Serena and Atezing, Ghislain and Gandon, Fabien: **LIVE: a Tool for Checking Licenses Compatibility between Vocabularies and Data**. In DEMO Session at ISWC'2014, 19 October 2014, Riva del Garda, Italy.
8. Atezing, Ghislain Auguste and Abadie, Nathalie and Troncy, Raphaël and Bucher, Bénédicte, **Publishing reference geodata on the web: Opportunities and challenges for IGN France** . In TERRA COGNITA 2014, 6th International Workshop on the Foundations, Technologies and Applications of the Geospatial Web, October 19-23, 2014, Riva del Garda, Italy.

9. Ateazing, Ghislain Auguste; Troncy, Raphaël: **Information content based ranking metric for linked open vocabularies**. In SEMANTICS 2014, 10th International Conference on Semantic Systems Proceedings, 4-5 September 2014, Leipzig, Germany.
10. Assaf, Ahmad and Ateazing, Ghislain Auguste and Troncy, Raphaël and Cabrio, Elena : **What are the important properties of an entity? Comparing users and knowledge graph point of view**. In ESWC 2014, 11th Extended Semantic Web Conference, Heraklion, Crete.
11. Troncy, Raphaël; Ateazing, Ghislain Auguste; Abadie, Nathalie; Lam, Cao-Vien. **Modeling geometry and reference systems on the web of data**. In W3C 2014, W3C Workshop on Linking Geospatial Data, March 5-6, 2014, London, UK.
12. Ateazing, Ghislain Auguste; Vatan, Bernard; Troncy, Raphaël ; Vanderbussche, Pierre-Yves. **Harmonizing services for LOD vocabularies: a case study**. In WASABI 2013, Workshop on Semantic Web Enterprise Adoption and Best Practice, 22 October, 2013, Sydney, Australia.
13. Ateazing, Ghislain Auguste; Gandon, Fabien; Kepeklian, Gabriel; Scharffe, François; Troncy, Raphaël; Villata, Serena: **When publishing linked data requires more than just using a tool**. In W3C 2013, Workshop on Open Data on the Web, April 23-24, 2013, London, UK.
14. Ateazing, Ghislain Auguste; Troncy, Raphaël: **Towards interoperable visualization applications over linked data**. In EDF 2013, 2nd European Data Forum, April 9-10, 2013, Dublin, Ireland.
15. Scharffe, François; Ateazing, Ghislain; Troncy, Raphaël; Gandon, Fabien; Villata, Serena; Bucher, Bénédicte; Hamdi, Fayçal; Bihanic, Laurent; Képéklian, Gabriel; Cotton, Franck; Euzenat, Jérôme; Fan, Zhengjie; Vandebussche, Pierre-Yves; Vatan, Bernard: **Enabling linked-data publication with the datalift platform** in AAAI 2012, 26th Conference on Artificial Intelligence, W10:Semantic Cities, July 22-26, 2012, Toronto, Canada.
16. Ateazing, Ghislain; Troncy, Raphaël : **Vers une meilleure interopérabilité des données géographiques françaises sur le Web de données** in IC 2012, 23èmes Journées Francophones d'Ingénierie des Connaissances, June 25-29, 2012, Paris, France.
17. Khrouf, Houda; Ateazing, Ghislain; Rizzo, Giuseppe; Troncy, Raphaël; Steiner, Thomas: **Aggregating social media for enhancing conference experiences** in RAMSS 2012, 1st International Workshop on Real-Time Analysis and Mining of Social Streams, June 4, 2012, Dublin, Ireland.
18. Khrouf, Houda; Ateazing, Ghislain; Steiner, Thomas; Rizzo, Giuseppe; Troncy, Raphaël: **Confomaton: A conference enhancer with social media from the cloud** in ESWC 2012, 9th Extended Semantic Web Conference, May 27-31, 2012, Heraklion, Crete.

WORK EXPERIENCE R&D Engineer **MONDECA**, Paris **Jan 2015-Present**  
 Lead of Mondeca Labs at <http://labs.mondeca.com/>  
 ✘ Main activities: I work in all the modeling activities, animate the research activities within the company, represent MONDECA in different standardization organizations (W3C, EDM Council, etc), participate in national and international conferences, etc.

**Projects:**

- Publication Office Benchmark (POBnch): Project aiming at assessing and benchmarking 7 RDF stores for Publication Office based on real dataset in PROD and real SPARQL queries. (on going)
- ADAMMS (Airbus): Project aiming at showing the benefits of semantic technologies in aerospace domain, such as enterprise methodology for data modelling, capturing and reasoning in different scenarios to build a data exchange hub (DEH) for internal. (Phase 2 on going)
- OFS (Open Food System): Project aiming at annotating and reasoning over millions of recipes using semantic web technologies and NLP techniques. The output will serve for the next generation of small cooking equipment at SEB group: <http://www.groupeseb.com/>
- DILA (Public French Editor): Semantic Annotation, evaluation and visualization of public debate of French Politicians in the last 30 years.
- FIORA: Implementation of a recommendation system for tourism domain based on users' aspirations and input.
- Airbus: Ontology modeling and matching techniques to improve the detection of Operational Interruptions gathered from different companies.

Researcher at **EURECOM**, France **Jun 2011-Dec 2014**  
 Thesis Title: *"Publishing and Consuming Government Linked Data on the Semantic Web"*  
 ✘ Challenges: (i) Provide significant contributions on modeling and publishing geographic data on the web and (ii) implement a framework to visualize datasets based on topic discovered by mining techniques over RDF.  
 Advisor: Dr. Raphaël TRONCY

Junior Researcher at **Ontology Engineering Group (OEG)**, **Feb 2011-May 2011**  
 Madrid, Spain  
 ✘ Job description: Assessing and developing multimedia ontologies in various project, testing NeOn Toolkit. Master title: *"Analyzing and Ranking Multimedia Ontologies for their Reuse"*. Link: [Link:http://oa.upm.es/6368/](http://oa.upm.es/6368/)

EDUCATION **TELECOM ParisTech**, France **Jun 2011- Dec 2014**  
**Ph.D** in Information Science and Communication  
*Title:* Publishing and Consuming Geo-spatial and Government Data on the Semantic Web  
*Defense:* April 10th, 2015 (First class honors) Sophia- France  
Antipolis

**Universidad Politecnica Madrid (UPM)**, Madrid **Sep 2009-Feb 2011**  
**Master** in Artificial Intelligence  
 Title of thesis: "Analyzing and Ranking Multimedia Ontologies for their Reuse" ([http://oa.upm.es/6368](http://oa.upm.es/6368/))  
 School Ranking: 56 (Europe), and 175 (World)

**Université Jules Verne** , Picardie, France **Jan 2005-Dic 2008**  
**Master MIAGE** in Multimedia Information System.

## AWARD

**Best Concept Award**, Bonn, Germany

2011

Best Concept award at the 2nd Linked Data-a-thon- challenge held at 10th International Semantic Web Conference, Bonn, Germany.  
Application: Confomaton at <http://eventmedia.eurecom.fr/confomaton/>

CONTRIBUTIONS  
ESCIENCE

- Co-chair of the vocabulary carnival at SEMANTiCS 2016.
- External Expert for the French National projects: CE23 2016, CONTINT 2015.
- Reviewer for the Semantic Web Journal & Elsevier (2015) - Program Committee (PC) Member for the 1st International Workshop on Geospatial Linked Data (GeoLD) Workshop, <http://geold.geoknow.eu>.
- Program Committee (PC) Member for the WASABI2014 Workshop, collocated with the 11th ESWC'2014 Conference.
- Subreviewer for the ESWC'2014 & LDOW'2014 & SALAD'2016 Workshops.
- PC Member for the W3C Linking Geospatial Workshop. 5th - 6th March 2014, Campus London, Shoreditch.
- Reviewer of the IEEE Internet Computing (2013)
- Program Committee (PC) Member of the Semantic Statistics (SemStats) Workshop, since 2013

TEACHING  
ACTIVITIES**Teaching Assistant** at EURECOM:

- **Supervision of Practical Sessions** on:
  - Practical use of Protégé to build ontologies, Fall 2013.
- **Supervision of Semester Projects** :
  - Alexis TROBERG, “Improving the discovery of Application Contests in Open Data Events”, Semester Project, Spring 2014.
  - LAM Cao Vien, “Learning and building coordinate converter web service and interlinking geographic content RDF databases with LIMES, Semester Project, Fall 2013.
  - LE Thi Nhu Nguyen, “Track Picker”, Semester Project, Spring 2013.
  - Anne-Elisabeth GAZET, “Building data.eurecom.fr”, Semester Project, Fall 2011.

PARTICIPATED  
PROJECTS**Apps4Europe european project:**

2014

Apps for Europe is a support network with a mission to turn data based apps into viable businesses. Keywords: open data, hackathons, applications, future everything.

Under the sponsorship of this project, my role acts as co-implementing vocabularies and toolset for open data competitions Apps for Europe. Precisely, I contributed to writing the following deliverable: -D4.5: Technical toolset for open data competitions.

**Datalift French National Project:**

2011- 2014

A catalyser for the Web of data

Keywords: raw data, lifting process, Linked Data, RDF.

The project sponsors my major works at EURECOM. My role acts as producing technical deliverables (Demo, coding module, etc.) and research deliverables (Scientific publications), in collaboration with IGN-France.

## TECHNICAL SKILLS

**Operating Systems:** Windows, Unix/Linux

**Programming skills:** Python, Javascript, Java, Script Shell, PhP,

**Web Servers:** Tomcat, Jetty, Glassfish

**SGBD:** Virtuoso, Jena, MySQL, PostgreSQL, GraphDB

**Knowledge-engineering:** Semantic Web technologies (RDF, OWL, SPARQL), Linked Data de-

ployment, Ontology engineering, Object Oriented modeling/UML, Protégé, NeOn Toolkit.

**Collaborative Tools:** Github, Hg mercury, SVN

**Soft skills:** Independent researcher, quick learner, good communication and collaboration skills

LANGUAGES

**French:** Mother Tongue

**English, Spanish:** Proficient

**German:** Basic

REFERENCES

**Dr Raphaël Troncy**

EURECOM

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**Pr. Oscar Corcho**

Universidad Politecnica Madrid

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