Giuseppe Rizzo

Curriculum Vitae

Short Bio

Giuseppe Rizzo is currently a permanent Research Fellow at the Multimedia Communications Department of EURECOM. Giuseppe is currently involved in the 3cixty (EIT Digital) project and in the recent past has collaborated in EU projects such as LinkedTV, Apps4EU, EventMedia and OpenSem. He is the main architect and co-investigator of the NERD framework. His main research interests include Information Extraction, Semantics, Knowledge Bases and Web Science. He is a devoted Web evangelist, fascinated by artificial intelligence and knowledge extraction.

Area of specialization

Information Extraction, Semantics, Knowledge Base, Natural Language Processing, Semantic Web, Machine Learning

Education

2009–2012	**PhD**, *Politecnico di Torino*, Turin, Italy.	
	Web, Linked Data, and Information Extraction	
2005–2008	**MSc**, *Politecnico di Torino*, Turin, Italy.	
	Web and Networking	
2002–2005	**BSc**, *Politecnico di Torino*, Turin, Italy.	

PhD Thesis

Title	*Knowledge extraction from unstructured data and classification through distributed ontologies*
Supervisor	Angelo Raffaele Meo
Mentor	Raphäel Troncy
Description	This thesis proposed a framework for extracting knowledge from unstructured data and classify it via distributed ontologies.

Award and Scholarship

2015 **1st ranked system** Open Knowledge Extraction challenge at ESWC'15

2013 **2nd ranked system** at the (WWW'13) 3rd International Workshop on Making Sense of Microposts (#MSM'13)

2011 **Best Concept** for our submission about *Confomaton* at the 2nd Linked Data-a-thon challenge (ISWC'11)

2009 3 year PhD scholarship from the Italian Ministry of University and Research

Participation in funded projects

2014-on going **3cixty** - `http://www.3cixty.com`, *Exploring new opportunities to enable city visitors to exploit the transportation, business, cultural, and touristic point of interests offered by a city more fully and in a more personally and environmentally way.*

2013-2015 **Apps4Europe** - `http://www.appsforeurope.eu`, *Turning data into business.*

2013-2014 **ATMS**, *The Advanced Territory Monitoring System project aims to annotating geographic extents using whereabouts of social media users.*

2012-2014 **LinkedTV** - `http://www.linkedtv.eu`, *Television linked to the Web is an integrated and practical approach towards experiencing Networked Media in the Future Internet.*

2012 **OpenSEM** - `http://www.opensem.eu`, *The open innovation platform for semantic media. In the field of services for multimedia, the best performing research results emerging from academia exploit a Triple Synergy framework, a state-of-the-art paradigm that combines user-based collaborative tagging, social network structures, and multimedia content analysis.*

2011 **EventMedia** - `http://eventmedia.eurecom.fr`, *Event-based Annotation and Exploration of Media within the PetaMedia, P2P Tagged Media FP7 Network of Excellence. In this project we intend to develop an event-based approach for user who share events through different media platforms.*

2010 **EVPSI** - `http://www.evpsi.org`, *Extracting Value from Public Sector Information. Key elements of this vision are: Web, Open Government Data, Transparency.*

Appointments held

2014–on going Permanent Researcher Fellow at EURECOM, Biot, France.

2013–2014 Postdoctoral Research Fellow at Università di Torino, Turin, Italy.

2013–2014 Research Associate at EURECOM, Biot, France.

2012–2013 Postdoctoral Research Fellow at EURECOM, Biot, France.

2011 Visiting PhD Student at EURECOM, Biot, France.

2008 Research Assistant at Politecnico di Torino, Turin, Italy.

2006–2007 Assistant Network Administrator at Collegio Einaudi, Turin, Italy

2005–2007	Instructor of the course "Seniores On-Line", co-organized by Collegio Einaudi and 3ndy (part of Uni3, University of Turin for elderly people, where I taught the baselines of the Internet and the Web.
before 2005	Worked on several Web development projects (mostly C#/Java/python/HTML/JS) through university and internships. Details available upon request.

Open source software and public services

2014 (ongoing)	**3cixty** - `http://3cixty.com`, *Explore Milan and EXPO with a 360-degree view!*. Is as project aiming to build a comprehensive Knowledge Base to enable city visitors to exploit the transportation, business, cultural, and touristic point of interests offered by a city more fully and in a more personally and environmentally way.
2013 (ongoing)	**Geosummly** - `http://geosummly.eurecom.fr`, *Geographic summaries from Crowdsourced Data*. Is as a framework that creates geographic summaries using the whereabouts of Foursquare users.
2012 (ongoing)	**MediaFinder** - `http://mediafinder.eurecom.fr`, *What fresh media are you looking for?*. Is a web framework which creates visual illustrations from media items shared by the crowd on social platforms.
2011 (ongoing)	**NERD** - `http://nerd.eurecom.fr`, *Named Entity Recognition and Disambiguation framework*. Is a web framework which unifies and combined the annotation results of numerous named entity extractors using the NERD ontology.
2011 (ongoing)	**Github/giusepperizzo** - `https://github.com/giusepperizzo`. Tools and apps released after been tested in the above mentioned services.
2009 (ongoing)	**sf/giusepperizzo** - `https://sourceforge.net/users/giusepperizzo`. Tools and apps released after been tested in the above mentioned services.

Publications

Google Scholar	`http://scholar.google.com/citations?user=1pG7J3cAAAAJ&hl=en`, *h-index=10 and i10-index=10*.
ACM Digital Library	`http://dl.acm.org/author_page.cfm?id=81485652205`.
DBLP	`http://www.informatik.uni-trier.de/~ley/pers/hd/r/Rizzo_0002: Giuseppe.html`.

Key publications.

Rizzo G., Cano A.E., Pereira B., Varga A. (2015), Making Sense of Microposts (#Microposts2015) Named Entity rEcognition & Linking Challenge. In (WWW'15), 5th International Workshop on Making Sense of Microposts (#Microposts'15), Florence, Italy.

Derczynski L., Maynard D., Rizzo G., van Erp M., Gorrell G., Troncy R., Petrak J., Bontcheva K. (2015) Analysis of Named Entity Recognition and Linking for Tweets. In: Information Processing and Management, vol. 51 n. 2, pp. 32-49.

Rizzo G., Erp M., Troncy R. (2014), Benchmarking the Extraction and Disambiguation of Named Entities on the Semantic Web. In 9th edition of the Language Resources and Evaluation Conference (LREC'14), Reykjavik, Iceland

Milicic V., Rizzo G., Redondo Garcia J.L., Troncy R. and Steiner T. (2013), Live Topic Generation from Event Streams. In: 22nd International World Wide Web Conference (WWW'13), Rio de Janeiro, Brazil.

Rizzo G., Troncy R. (2011), NERD: Evaluating Named Entity Recognition Tools in the Web of Data. In: (ISWC'11) Workshop on Web Scale Knowledge Extraction (WEKEX'11), Bonn, Germany.

Professional Activities

Workshop Organizer	Co-organized at WWW'15 the #Microposts2015 NEEL challenge `http://www.scc.lancs.ac.uk/microposts2015/challenge/index.html`. Co-organized at WWW'14 the #Microposts2014 NEEL challenge `http://www.scc.lancs.ac.uk/microposts2014/challenge`.
	Co-organized two successful workshops: at WWW'13 WoLE'13 - `http://wole2013.eurecom.fr` and at ISWC'2012 WoLE'2012 - `http://wole2012.eurecom.fr`.
Invited Talk	Urban Center, Milan, 2015; Università di Torino, Turin, Italy, 2013; University Amsterdam, NL, 2013; Ecole Centrale, Paris, France 2012.
Journal Reviewer	Advances in Data Analysis and Classification (ADAC), Journal of Natural Language Engineering (JNLE), Literary and Linguistic Computing (LLC), Multimedia Tools and Applications (MTAP), International Journal On Semantic Web and Information Systems (IJSWIS), and Journal of Research and Practice in Information Technology (JRPIT).
PC Member	#Microposts (2015,2014,2013), ACMM (2011 subreviewer), CLIC-it (2015,2014), DERIVE (2015, 2013), ESWC (2015, 2014), EKAW (2012 subreviewer), FutureTV (2012, 2011 subreviewer), HT (2014 subreviewer), I-Challenge (2013, 2012), ICWSM (2013 subreviewer), ISWC (2015), IUI (2013 subreviewer), LIME (2015, 2014) Literary and Linguistic Computing (LLC), LREC (2014), NLP & DBpedia (2015, 2014, 2013), SAC (2014 subreviewer), SEMANTiCS (2015), SocialCom (2014), SWAIE (2012), WWW (2012)
Mentoring	Mentored numerous students on semester projects, internships and master thesis.

Languages

Italian **Mother tongue**
English **Professional proficiency**
French **Elementary (A2)**

References

Available upon request.