

ALLEGATO B

UNIVERSITÀ DEGLI STUDI DI MILANO

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FRANCESCO CORCOGLIONITI CURRICULUM VITAE

INFORMAZIONI PERSONALI (NON INSERIRE INDIRIZZO PRIVATO E TELEFONO FISSO O CELLULARE)

COGNOME	CORCOGLIONITI
NOME	FRANCESCO
DATA DI NASCITA	04/12/1981

Data

06/01/2020

Luogo

Trento

Francesco Corcoglioniti

CV last update: Jan 06, 2020

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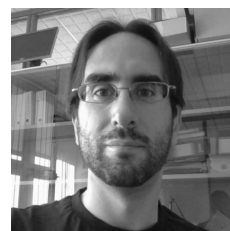
📧 francesco.corcoglioniti.name

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🌐 [fracorco](https://www.fracorco.com)

Birth: Dec 4th, 1981, Sondrio (IT)

Nationality: Italian



POST-DOCTORAL RESEARCHER in the area of Artificial Intelligence and specifically Semantic Web, interested in combining techniques at the intersection of Knowledge Representation and Reasoning, Machine Learning, and Natural Language Processing with applications in Information Extraction from text and Social Media. Author and reviewer for major conferences and journals in the field, has been involved in student supervision (PhD/MSc/BSc), teaching (laboratory assistant), and research/innovation projects (EU/IT/local) requiring teamwork, the design of novel solutions to research problems, and the delivery of technical reports and software.

Positions Held

June 2016 - **Post-doctoral researcher**

July 2019 *Fondazione Bruno Kessler (Future Media unit)*

I contributed to the unit's innovation activities aimed at combining Machine Learning, Knowledge-based methods, and Natural Language Processing for user profiling, analysis, and automation of human activities on social media. I contributed to EIT projects Street Smart Retail and CREEP, and I co-supervised several students (MSc/BSc/PhD) carrying out research on using Semantic Web techniques in social media. I also pursued further my PhD research ideas.

Nov 2010 - **PhD student**

Apr 2016 *University of Trento, hosted by Fondazione Bruno Kessler (DKM unit)*

I focused on extracting, representing, storing, and exploiting RDF/OWL knowledge from natural language text, using Semantic Web and Natural Language Processing techniques, both from a research and system/resource development perspectives. My work was influenced by and contributed to the LiveMemories and NewsReader research projects.

July 2009 - **Research assistant**

Oct 2010 *Politecnico di Milano (DB group, DEIB department)*

I was involved in the research, development and tutoring activities related to the SECO project % targeting the composition of ranked, domain-specific search services for answering Web queries.

June 2006 - **Junior researcher**

June 2009 *CEFRIEL*

I was involved in consultancy, research, and teaching (executive courses, student tutoring) activities focusing on Semantic Web, trust, reputation. I helped building the company's intranet and a web contact management tool serving ~150 users. I contributed to the research projects COCOON, NEP4B, TripCom and Service-Finder.

Education

Academic Education

Nov 2010 - **PhD in Information and Communication Technologies**

Apr 2016 *University of Trento, conducted in and partly funded by Fondazione Bruno Kessler*

Three to five-year program. Thesis: "Frame-based Ontology Population from Text: Models, Systems, and Applications". Supervisors: Prof. M. Rospocher, Dr. L. Serafini. Reviewers: Prof. P. Cimiano, P. T. J. M. Vossen, P. Bouquet. Areas: Semantic Web, Natural Language Processing.

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Le dichiarazioni rese nel presente curriculum sono da ritenersi rilasciate ai sensi degli artt. 46 e 47 del D.P.R. 445/2000

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Data

06/01/2020

Luogo

Trento

- Oct 2006 **Qualification for practicing the engineering profession**
Politecnico di Milano ("Esame di Stato Ingegnere dell'Informazione")
- Oct 2003 - **MSc in Computing Systems Engineering**
 Apr 2006 *Politecnico di Milano, final mark 110L/110 (cum laude)*
 Two-year program: "Laurea Specialistica in Ingegneria Informatica" (DM 509/1999). Thesis: "A platform for context-aware web applications" ("Piattaforma per l'erogazione di servizi Web dipendenti dal contesto"). Supervisor: Prof. B. Pernici. Co-supervisor: Dr. M. Legnani.
- Sep 2000 - **BSc in Computer Engineering**
 Oct 2003 *Politecnico di Milano, final mark 110L/110 (cum laude)*
 Three-year program: "Laurea in Ingegneria Informatica" (DM 509/1999). Thesis: "Analysis and FPGA implementation of the MD5 cryptographic algorithm" ("Studio ed implementazione dell'algoritmo crittografico MD5"). Supervisor: Prof. A. Antola.
- Sep 1995 - **High school diploma for practicing the surveying profession**
 July 2000 *Institute B. Pinchetti - Tirano (Sondrio), final mark 90/100*

Summer Schools

- Aug 2017 **Participation % to ACM Summer School on Recommender Systems %**
held in Bolzano, Italy, organized by ACM SIGCHI and Free University of Bozen-Bolzano
 One week school on methods, tools, and applications of Recommender Systems.
- July 2017 **Participation % to Int. Summer School on Deep Learning %**
held in Bilbao, Spain, organized by University of Deusto and Rovira i Virgili University
 One week school on methods, tools, and applications of Deep Learning.
- July 2012 **Participation % to Interdisciplinary Summer School on Ontological Analysis %**
held in Trento, Italy, organized by IAOA
 One week school on ontological analysis, knowledge representation, logics, lexical semantics.
- June 2009 **Participation to PHAROS Summer School %**
held in Como, Italy, organized by the PHAROS project consortium (FP6-IST-045035)
 One week school on information retrieval and multimedia search technologies.

Online Courses

- Aug 2019 - Deep Learning Specialization, by Prof. A. Ng, deeplearning.ai, on Coursera %
 Oct 2019 (5 courses: *Neural Networks and Deep Learning*, % *Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization*, % *Structuring Machine Learning Projects*, % *Convolutional Neural Networks*, % *Sequence Models* %)
- May 2019 Basic Modeling for Discrete Optimization, by Prof. P. J. Stuckey, University of Melbourne, and Prof. J. Ho Man Le, University of Hong Kong, on Coursera %
- Oct 2018 Neural Networks for Machine Learning, by Prof. G. Hinton, University of Toronto, on Coursera %
- July 2017 Machine Learning, by Prof. A. Ng, Stanford University, on Coursera %

Languages

- Italian Mother tongue
- English Independent user — Self-assessment (CEFR %): listening B1, reading B2, spoken interaction B1, spoken production B1, writing: B2; TOEFL: 240/300 (Aug 2003)

Computer Skills

- OS Linux (everyday use and server administration), Windows

Java	10+ years of work experience in J2SE and J2EE development, in the context of small to medium (10+ developers) software projects, working mainly in the development of server systems (e.g., KnowledgeStore, PIKES, RDFpro); knowledge of Maven, Spring and Eclipse
Python	Experience limited to small programs and scripts for implementing/evaluating research ideas
.NET	1 year of work experience in C# development, implementing extensions of DotNetNuke CMS, a Pocket PC client acquiring RFID and GPS data, and a demonstrator for a multi-touch table
C/C++	Experience limited to university projects in Linux using automake, autoconf and gcc (e.g., implementation of POP3 client and integration of SimIt-ARM simulator in a SystemC simulator)
Web	Good knowledge of HTML and CSS; discrete knowledge of JavaScript and JQuery
Database	Working knowledge of SQL, MySQL, PostgreSQL (relational model), SPARQL and Virtuoso (RDF model), Lucene and Elasticsearch (text indexing), Hadoop HDFS and HBase
Misc	Working knowledge of LaTeX, MS Office and LibreOffice suites, AutoCAD and similars (e.g., DraftSight), Matlab and similars (e.g., Octave, Scilab), Protégé

Additional Information

- Short-sighted (glasses required), no other health issue known
- Exempt from national service due to 2004 voluntary service reform
- Category B (car) driving license
- Unmarried without children

Teaching

Thesis Supervision

June 2016 -	PhD thesis co-supervisor
Apr 2019	<i>University of Trento, PhD hosted and funded by Fondazione Bruno Kessler</i> Student: Yaroslav Nechaev. Thesis: "Linking Knowledge Bases to Social Media Profiles." Supervisor: Dr. Claudio Giuliano. Reviewers: Prof. S. P. Ponzetto, E. Cabrio, S. Villata, M. Rospocher. Areas: Machine Learning, Semantic Web, Social Media.
Mar 2017 -	MSc thesis co-supervisor
Oct 2017	<i>University of Trento (LCT European Master), student hosted by Fondazione Bruno Kessler</i> Student: Yiqing Liang. Thesis: "Exploiting a knowledge-based probabilistic model for optimally combining alternative NERC and Entity Linking candidate annotations on the same textual mention." Supervisor: Prof. P. Bouquet. Additional co-supervisor: Prof. M. Rospocher. Final mark 105/110.
Sep 2007 -	M.Sc thesis co-supervisor
Aug 2008	<i>Politecnico di Milano, student hosted by CEFRIEL</i> Student: Walter Corno. Thesis: "Intermediate Object-Oriented layer to expose pre-existing data sources as SPARQL endpoints" ("Layer intermedio ad oggetti per esporre sorgenti dati preesistenti come endpoint SPARQL"). Supervisor: Prof. S. Ceri. Additional co-supervisors: Dr. I. Celino, Prof. E. Della Valle. Final mark: 110L/110.
Sep 2007 -	Post-M.Sc. thesis co-supervisor
Feb 2008	<i>CEFRIEL (ICT Master, XIX Edition)</i> Student: Giacomo Tonucci. Thesis: "VANET: trust relationships in vehicular context" ("VANET: relazioni di fiducia in ambito veicolare"). Supervisor: Dr. D. Cerri. Funding organization: Engineering - Ingegneria Informatica.

Internship Supervision

- Apr 2019 - **MSc internship co-supervisor**
June 2019 *University of Trento, student hosted by Fondazione Bruno Kessler (Future Media unit)*
Student: Giacomo Zara. Supervisor: Dr. C. Giuliano. Goal: investigate and apply structured learning to optimally schedule planned user actions (e.g., tweet posting) on Twitter.
- June 2016 - **Post-MSc internship co-supervisor**
Nov 2016 *University of Trento, student hosted by Fondazione Bruno Kessler (Future Media unit)*
Student: Surafel Melaku Lakew. Supervisor: Dr. C. Giuliano. Goal: investigate, develop, and evaluate simple social media recommendation and automation techniques for Twitter.
- June 2016 - **BSc internship co-supervisor**
Sep 2016 *University of Trento, student hosted by Fondazione Bruno Kessler (Future Media unit)*
Student: Cosimo Damiano Persia. Supervisor: Dr. C. Giuliano. Goal: build a crawler for Twitter.
- Apr 2016 - **BSc internship co-supervisor**
June 2016 *University of Trento, student hosted by Fondazione Bruno Kessler (DKM unit)*
Student: Alessio Scussel. Supervisor: Prof. M. Rospocher. Goal: build the PreMOn “Navigator.” %
- Aug 2015 - **BSc internship co-supervisor**
Oct 2015 *University of Trento, students hosted by Fondazione Bruno Kessler (DKM unit)*
Students: Enrico Magnago and Gianluca Apriceno. Supervisor: Prof. M. Rospocher. Goal: develop a Elasticsearch backend to store resource & mention metadata in the KnowledgeStore. %
- May 2007 - **M.Sc internship co-supervisor**
Jan 2008 *Politecnico di Milano, student hosted by CEFRIEL*
Student: Nicola Loda. Supervisor: Dr. I. Celino, Prof. E. Della Valle. Goal: apply Semantic Web tools to map heterogeneous data (MusicBrainz, MusicMoz) from SQL/XML to RDF + SPARQL.

Courses

- a.y. 2011/12 **Laboratory assistant – DB technologies**
University of Trento, 18+18 hours of assisted exercises (2 groups) & student scoring as part of exams
Course: “Databases” (“Basi di Dati”). Degree course: “Informatics.” Teacher: Prof. G. M. Kuper.
- a.y. 2009/10 **Laboratory assistant – C language**
Politecnico di Milano, 24 hours of assisted exercises with final scored hands-on test
Course: “Fundamentals of Informatics” (“Fondamenti di Informatica”). Degree course: “Automation Engineering” (“Ingegneria dell’Automazione”). Teacher: Prof. D. Braga.
- a.y. 2008/09 **Laboratory assistant – C language**
Politecnico di Milano, 24 hours of assisted exercises with final scored hands-on test
Course: “Fundamentals of Informatics” (“Fondamenti di Informatica”). Degree course: “Automation Engineering” (“Ingegneria dell’Automazione”). Teacher: Prof. D. Braga.
- a.y. 2007/08 **Laboratory assistant – DB and Web technologies**
Politecnico di Milano, 20 hours of teaching and assisted exercises with final scored student projects
Course: “Applied Informatics” (“Informatica Applicata”). Degree course: Biomedical Engineering (“Ingegneria Biomedica”). Teacher: Prof. C. Colombo.

Projects

Contribution to Innovation Projects

- 2018 - 2019 **CREEP % (EU EIT Digital Innovation Activity %) – role: team member @ FBK**
Project aiming at identifying and preventing negative impacts of cyberbullying on young people. I investigated social media automation techniques targeted a educators involved in contrasting cyberbullying. I contributed to project meetings and 2nd year proposal and deliverables.

2016 - 2017 **Street Smart Retail (EU EIT High Impact Initiative project %)** — *role: team member @ FBK*
Project proposing the use of ICT to support local retailers competing with e-commerce services. I helped investigating the use of social media analytics solutions for supporting retailers.

Contribution to Research Projects

- 2013 - 2015 **NewsReader % (EU FP7 ICT-316404 %)** — *role: team member @ FBK*
EU project targeting knowledge and event extraction from large news corpora. I helped realizing the KnowledgeStore system for the interlinked storage of news and extracted RDF, and I built solutions for scalable RDF processing. I contributed to project meetings, deliverables and review.
- 2010 - 2011 **LiveMemories % (IT-UK project funded by Trento province %)** — *role: team member @ FBK*
Local project aiming at scaling up extraction and integration techniques from multimedia contents (digital memories). I contributed to the semantic enrichment of texts, linking named entities to complementary (contextualized) ontological knowledge to enhance user comprehension and interaction. I contributed to project meetings, demonstrations and deliverables.
- 2009 - 2010 **SECO % (EU ERC IDEAS grant 227793 %)** — *role: team member @ Politecnico di Milano*
Multi-disciplinary research project proposing the composition of ranked, domain-specific search services for answering Web queries. I contributed to the definition of the system architecture and to the design and development of Panta Rhei, a graphical model (and engine) for query execution plans at physical level. I also co-supervised students involved in the project.
- 2008 - 2009 **Service-Finder % (EU FP7-IST-215876 %)** — *role: team member @ CEFRIEL*
STREP project proposing a search engine for web services. I helped designing and building the STAR:Chart semantic navigation framework used in the web UI of the search engine portal.
- 2006 - 2009 **TripCom % (EU FP6-IST-4-027324-STP %)** — *role: team member @ CEFRIEL*
STREP project proposing a tuplespace infrastructure for RDF data. I aided the design and software development of the security model, and contributed to meetings, deliverables and review.
- 2006 - 2009 **NEP4B % (IT MIUR-2005-RBNE05XYPW %)** — *role: team member @ CEFRIEL*
FIRB project proposing a P2P infrastructure for exchanging data and services among SMEs. I contributed to the UI and the trust model, and to project meetings and deliverables.
- 2006 - 2007 **COCOON % (EU FP6-IST-507126 %)** — *role: team member @ CEFRIEL*
IP project supporting everyday medical practice leveraging semantic technologies. I helped implementing a Semantic Web system for searching and navigating through medical literature.

Resources

Co-authored Software

- Knowledge-Store** a scalable, fault-tolerant, and Semantic Web grounded storage system to jointly store, manage, retrieve, and semantically query structured and unstructured content %
- RDFpro** a public domain, Java command line tool and library for parallel, non-distributed RDF processing leveraging streaming and sorting techniques and a composable pipes & filter execution model %
- PIKES** a framework for extracting RDF knowledge graphs from natural language text, leveraging standard NLP tools for text analysis whose output is mapped to frame-based knowledge structures %
- JPARK** a probabilistic model leveraging ontological knowledge for improving the coherence and revising NLP entity annotations, with applications to entity linking and named entity recognition %
- KE4IR** an extension of the vector space model for document retrieval leveraging semantic terms resulting from the semantic analysis and enrichment (via PIKES) of queries and documents %

Co-authored Ontologies

- PreMON** the “Predicate Model for Ontologies” is a linguistic Linked Data resource for consistently representing predicate models such as PropBank, NomBank, VerbNet and FrameNet %

SocialLink A Linked Data resource (and extraction approach) providing alignments from DBpedia and Wikidata person and organization entities to corresponding Twitter profiles %

Awards

- 2019 Distinguished program committee member — 18th Int. Semantic Web Conf. (ISWC 2019), research track %
- 2015 Semantic sentiment analysis award (Task 3 - Frame entities identification) — Semantic Web Evaluation of 12th European Semantic Web Conf. (ESWC 2015), contribution “Opinion frame extraction from news corpus” (joint work with A. Palmero Aprosio and M. Rospocher) %
- 2012 Best paper award — Popularize Artificial Intelligence (PAI) Workshop @ 12th Int. Conf. of the Italian Association for Artificial Intelligence (AI*IA 2012), contribution “TrentinoMedia: Exploiting NLP and background knowledge to browse a large multimedia news store” (joint work with R. Cattoni, C. Girardi, B. Magnini, L. Serafini and R. Zanolì)
- 2012 Best system award (cross-document coreference resolution task) — 3rd Evaluation of NLP and Speech Tools for Italian (EVALITA 2012), contribution “Exploiting background knowledge for clustering person names” (joint work with R. Zanolì and C. Girardi)
- 2006 Best student (among 2006 graduates in Computer System Engineering) — Politecnico di Milano

Reviewing and Committees

Journal Reviewing

- Semantic Web Journal (SWJ): 2017, 2019 (2)
- Journal of Web Semantics (JWS): 2017, 2018, 2019
- Progress in Artificial Intelligence (PRAI): 2018
- Information Processing and Management (IPM): 2019
- Information Sciences (INS): 2018, 2019
- Information Journal: 2018 (2)
- Journal of Cooperative Information Systems (IJCIS): 2018
- Journal of the Association for Information Science and Technology (JASIST): 2019

Conference Technical Program Committees

- AAAI Conf. on Artificial Intelligence (AAAI): 2020
- Int. World Wide Web Conf. (WWW) / Web Conference (WebConf): 2016 (*posters track*)
- Int. World Wide Web Conf. (WWW / WebConf): 2016 (*posters track*)
- Int. Semantic Web Conf. (ISWC): 2014 - 2015, 2017 - 2019
(*research track 2019; resource track 2017 - 2019; posters & demos track 2014 - 2015*)
- Extended Semantic Web Conf. (ESWC): 2018 - 2020
(*in-use track 2019 - 2020; resource track 2018*)
- Knowledge Engineering and Knowledge Management (EKAW): 2018 (*research track*)
- ACM Symposium on Applied Computing (SAC): 2017 - 2020
(*cognitive computing track 2017 - 2018; knowledge & language processing track 2019 - 2020*)
- Annual Meeting of Association for Comp. Linguistics (ACL): 2019 - 2020
(*machine learning track 2019; resource track 2019; textual inference track 2020*)
- Empirical Methods in Natural Language Processing (EMNLP): 2019 (*textual inference track*)

- Language Resources and Evaluation Conf. (LREC): 2016, 2018, 2020
- Conf. on Language, Data and Knowledge (LDK): 2019
- Int. Conf. of Italian Association for Artificial Intelligence (AIIA): 2018 - 2019
(*research track 2018 - 2019; doctoral consortium + student mentoring 2018*)
- Int. Conf. on Advances in Semantic Processing (SEMAPRO): 2016 - 2019
- Int. Conf. on Social Media Tech., Comm., and Informatics (SOTICS): 2016 - 2019

Workshop Technical Program Committees

- OWL Experiences and Directions Workshop (OWLED): 2016
- Language, Ontology, Terminology and Knowl. Structures (LOTKS) Workshop @ IWCS: 2017

Presentations

Invited Talks and Seminars

Apr 5, 2017 Frame-based Ontology Population from text with PIKES — Ontology Summit tel.co. series %

Conference Talks

Nov 22, 2018 “Twitter user recommendation for gaining followers” — Int. Conf. of the Italian Association for Artificial Intelligence (AI*IA 2018), Trento, Italy

Apr 6, 2016 A 2-phase Frame-based Knowledge Extraction framework — ACM Symposium on Applied Computing (SAC 2016), Pisa, Italy

Workshop Talks

Oct 19, 2014 RDFpro: an extensible tool for building stream-oriented RDF processing pipelines — Developers Workshop @ Int. Semantic Web Conf. (ISWC 2014), Riva del Garda, Italy

June 11, 2012 TrentinoMedia: Exploiting NLP and background knowledge to browse a large multimedia news store — Popularize Artificial Intelligence (PAI) Workshop @ Int. Conf. of the Italian Association for Artificial Intelligence (AI*IA 2012), Rome, Italy

Nov 12, 2007 Towards a Semantic Contact Management — Finding Experts with Semantics (FEWS) Workshop @ Int. Semantic Web Conf. (ISWC 2007), Busan, Korea

Demo and Poster Presentations

Aug 28, 2017 Pokedem: An automatic social media management application — ACM Conf. on Recommender Systems (RECSYS 2017), Como, Italy

Oct 21, 2014 Integrating NLP and SW with the KnowledgeStore — Int. Semantic Web Conf. (ISWC 2014), Riva del Garda, Italy

Apr 19, 2012 LiveMemories: multimedia semantic search — ICT Days 2012, Trento, Italy

Publications

Google Scholar profile: <https://scholar.google.it/citations?user=Nw7gPMEAAAAJ> %

DBLP profile: <https://dblp.org/pers/hd/c/Corcoglioniti:Francesco> %

(= denotes equal author contribution; I presented c13, c18, w2, w6, w7, d5, d8)

Journal Articles

2019 j8 M. Rospocher, F. Corcoglioniti, and M. Dragoni, “Boosting document retrieval with knowledge extraction and Linked Data,” *Semantic Web*, vol. 10, no. 4, pp. 753–778, doi: 10.3233/SW-180325  BibTeX

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- j7 M. Rospocher, F. Corcoglioniti, and A. Palmero Aprosio, “PreMOn: LODifying linguistic predicate models,” *Language Resources and Evaluation*, doi: 10.1007/s10579-018-9437-8  BibTeX
- 2018 j6 Y. Nechaev, F. Corcoglioniti, and C. Giuliano, “SocialLink: Exploiting graph embeddings to link DBpedia entities to Twitter profiles,” *Progress in Artificial Intelligence*, vol. 7, no. 4, pp. 251–272, doi: 10.1007/s13748-018-0160-x  BibTeX
- 2016 j5 F. Corcoglioniti, M. Rospocher, and A. Palmero Aprosio, “Frame-based ontology population with PIKES,” *IEEE Trans. Knowl. Data Eng.*, vol. 28, no. 12, pp. 3261–3275, doi: 10.1109/TKDE.2016.2602206  BibTeX
- 2015 j4 F. Corcoglioniti, M. Rospocher, R. Cattoni, B. Magnini, and L. Serafini, “The KnowledgeStore: A storage framework for interlinking unstructured and structured knowledge,” *Int. J. Semantic Web Inf. Syst.*, vol. 11, no. 2, pp. 1–35, doi: 10.4018/IJSWIS.2015040101  BibTeX
- 2012 j3 O. Popescu, F. Corcoglioniti, and R. Zanolì, “Person number estimation in large corpora,” *Intelligenza Artificiale*, vol. 6, no. 2, pp. 135–148, doi: 10.3233/IA-120036  BibTeX
- 2010 j2 S. Ceri, A. Abid, M. Abu Helou, D. Barbieri, A. Bozzon, D. Braga, M. Brambilla, A. Campi, F. Corcoglioniti, E. Della Valle, D. Eynard, P. Fraternali, M. Grossniklaus, D. Martinenghi, S. Ronchi, M. Tagliasacchi, and S. Vadacca, “Search Computing: Managing complex search queries,” *IEEE Internet Computing*, vol. 14, no. 6, pp. 14–22, doi: 10.1109/MIC.2010.106  BibTeX
- 2009 j1 M. A. Brovelli, D. Magni, M. Brioschi, M. Legnani, and F. Corcoglioniti, “The context-aware mobile GIS NAMGIS,” *South African Computer Journal (SACJ)*, no. 43, pp. 25–34,  BibTeX

Book Chapters

- 2018 b6 F. Corcoglioniti, M. Rospocher, R. Cattoni, B. Magnini, and L. Serafini, “Managing large volumes of interlinked text and knowledge with the KnowledgeStore,” in *Innovations, Developments, and Applications of Semantic Web and Information Systems*, IGI Global, pp. 32–61. doi: 10.4018/978-1-5225-5042-6.ch002  BibTeX
- 2013 b4 R. Cattoni, F. Corcoglioniti, C. Girardi, B. Magnini, L. Serafini, and R. Zanolì, “Anchoring background knowledge to rich multimedia contexts in the KnowledgeStore,” in *New Trends of Research in Ontologies and Lexical Resources*, Springer, pp. 91–112. doi: 10.1007/978-3-642-31782-8_6 =  BibTeX
- 2011 b3 D. Braga, M. Grossniklaus, F. Corcoglioniti, and S. Vadacca, “Efficient Computation of Search Computing Queries,” in *Search Computing: Trends and Developments*, Springer, pp. 141–155. doi: 10.1007/978-3-642-19668-3_14  BibTeX
- 2010 b2 A. Bozzon, M. Brambilla, S. Ceri, F. Corcoglioniti, and N. Gatti, “Building Search Computing Applications,” in *Search Computing: Challenges and Directions*, Springer, pp. 268–290. doi: 10.1007/978-3-642-12310-8_14 =  BibTeX
- b1 D. Braga, S. Ceri, F. Corcoglioniti, and M. Grossniklaus, “Panta Rhei: Flexible execution engine for Search Computing queries,” in *Search Computing: Challenges and Directions*, Springer, pp. 225–243. doi: 10.1007/978-3-642-12310-8_12  BibTeX

Conference Papers

- 2018 c20 M. Rospocher and F. Corcoglioniti, “Joint posterior revision of NLP annotations via ontological knowledge,” in *27th Int. Joint Conf. on Artificial Intelligence (IJCAI)*, pp. 4316–4322. doi: 10.24963/ijcai.2018/600  BibTeX
- c19 Y. Nechaev, F. Corcoglioniti, and C. Giuliano, “Type prediction combining Linked Open Data and Social Media,” in *27th Int. Conf. on Information and Knowledge Management (CIKM)*, ACM, pp. 1033–1042. doi: 10.1145/3269206.3271781  BibTeX

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- c18 F. Corcoglioniti, Y. Nechaev, C. Giuliano, and R. Zanolì, “Twitter user recommendation for gaining followers,” in *17th Int. Conf. of the Italian Association for Artificial Intelligence (AI*IA)*, Springer, pp. 539–552. doi: 10.1007/978-3-030-03840-3_40   
- 2017 c17 Y. Nechaev, F. Corcoglioniti, and C. Giuliano, “SocialLink: Linking DBpedia entities to corresponding Twitter accounts,” in *16th Int. Semantic Web Conf. (ISWC)*, Springer, pp. 165–174. doi: 10.1007/978-3-319-68204-4_17 
- c16 Y. Nechaev, F. Corcoglioniti, and C. Giuliano, “Linking knowledge bases to social media profiles,” in *32nd ACM Symposium on Applied Computing (SAC)*, ACM, 145–150. doi: 10.1145/3019612.3019645 
- 2016 c15 F. Corcoglioniti, M. Dragoni, M. Rospocher, and A. Palmero Aprosio, “Knowledge Extraction for Information Retrieval,” in *13th European Semantic Web Conf. (ESWC)*, pp. 317–333. doi: 10.1007/978-3-319-34129-3_20 
- c14 F. Corcoglioniti, M. Rospocher, A. Palmero Aprosio, and S. Tonelli, “PreMON: A Lemon extension for exposing predicate models as Linked Data,” in *10th Int. Conf. on Language Resources and Evaluation (LREC)*, ELRA 
- c13 F. Corcoglioniti, M. Rospocher, and A. Palmero Aprosio, “A 2-phase Frame-based Knowledge Extraction framework,” in *31st ACM Symposium on Applied Computing (SAC)*, ACM, pp. 354–361. doi: 10.1145/2851613.2851845  
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