

Marco Rospoche

CURRICULUM VITAE

(Updated: December 14, 2022)

1 General Information

1.1 Personal Data

SURNAME: Rospoche

NAME: Marco

NATIONALITY: Italian

WORK ADDRESS: Lungadige Porta Vittoria, 41 – I-37129 Verona – Italy

WORK PHONE NUMBER: (+39) 045 8028326

WORK E-MAIL: marco.rospoche@univr.it

HOME PAGE: <https://marcorospoche.com/>

GOOGLE SCHOLAR: <http://scholar.google.com/citations?user=wkAcWjMAAAAJ>

SCOPUS: <https://www.scopus.com/authid/detail.uri?authorId=14010314000>

DBLP: <http://dblp.uni-trier.de/pers/hd/r/Rospoche:Marco>

1.2 Education

Ph.D. in Information and Communication Technologies (March 31, 2006 – ICT School, University of Trento, Italy)

Thesis Title: On the computational complexity of enumerating certificates of NP problems

Advisor: Prof. Romeo Rizzi

Manuscript: <https://marcorospoche.com/files/phd/2006phd.pdf>

M.Sc. (Laurea) degree in Mathematics (March 27, 2002 – University of Trento, Italy)

Thesis Title: All-Pairs and Matching-like Shortest Paths Algorithms

Advisor: Prof. Romeo Rizzi

Final Score: 110/110 cum Laude

Notes: Degree obtained within the legal length period (4 years) of the programme

1.3 National Scientific Qualification

- National Scientific Qualification to function as associate professor in Italian Universities for sector 01/B1 (Informatica / Informatics) [December 5, 2017]
<https://asn16.cineca.it/pubblico/miur/esito-abilitato/01%252FB1/2/3>
- National Scientific Qualification to function as associate professor in Italian Universities for sector 09/H1 (Sistemi di Elaborazione Delle Informazioni / Information Processing Systems) [December 5, 2017]
<https://asn16.cineca.it/pubblico/miur/esito-abilitato/09%252FH1/2/3>

1.4 Current Position

Associate Professor of Informatics (INF/01) at the University of Verona, within the Department of Foreign Languages and Literatures (since December 2018).

1.5 Past Work and Research Experiences

1.5.1 Work Experiences

- May 2007 - December 2018: Research Scientist at Fondazione Bruno Kessler (FBK), Trento, Italy. Note: Tenured since December 2012
- August 2006 - May 2007: Software Developer at S.a.i.tec. Srl c/o Phoenix Informatica Bancaria SpA, Trento, Italy

1.5.2 Research Grants

- November 2005 - March 2006: Research grant at the Department of Information Engineering and Computer Science (DISI), University of Trento
- May 2002 - October 2002: Research grant at the Department of Information Engineering and Computer Science (DISI), University of Trento

1.5.3 PhD Scholarship

- November 1, 2002 – October 31, 2005: PhD Student (with Scholarship) at the ICT School of the University of Trento, Italy

2 Research Activities and Related Titles

2.1 Research Interests

Artificial Intelligence, Information Extraction, Semantic Web, Knowledge Representation and Reasoning, Natural Language Processing, Digital Humanities, Machine/Deep Learning, Methodologies and Tools for Collaborative Knowledge Acquisition, Computational Complexity, Algorithmic Graph Theory, Combinatorial Optimization

2.2 Awards

- Best Research Paper Award at the IEEE 18th International Enterprise Distributed Object Computing Conference EDOC2014 (September 1-5, 2014 - Ulm, Germany) for the contribution “The Role of Semantic Annotations in Business Process Modelling” (Chiara Di Francescomarino, Marco Rospocher, Chiara Ghidini, Andrea Valerio)
Certificate: <https://marcorospocher.com/files/awards/2014edoc.pdf>
- Runner-up Prize at the Ontology Competition of the 8th International Conference on Formal Ontology in Information Systems FOIS2014 (September 22-26, 2014 - Rio de Janeiro, Brasil) for the contribution “An ontology for personalized environmental decision support” (Marco Rospocher)
Certificate: <https://marcorospocher.com/files/awards/2014fois.pdf>

- Semantic Sentiment Analysis Award (Task 3 - Frame entities Identification) at the Semantic Web Evaluation of the 12th European Semantic Web Conference ESWC2015 (May 31-June 4, 2015 - Portoroz, Slovenia) for the contribution “Opinion frame extraction from news corpus” (Francesco Corcoglioniti, Alessio Palmero Aprosio, Marco Rospocher)
Certificate: <https://marcorospocher.com/files/awards/2015eswccha.pdf>
- Honorable Mention Award at the In-Use Track of the 7th International Semantic Web Conference ISWC2008 (October 26-30, 2008 - Karlsruhe, Germany) for the contribution “Deploying semantic web technologies for work integrated learning in industry. A comparison: SME vs. large sized company” (Conny Christl, Chiara Ghidini, Joanna Guss, Viktoria Pammer, Stefanie Lindstaedt, Marco Rospocher, Peter Scheir, Luciano Serafini)
Info: <https://marcorospocher.com/files/awards/2008iswc.pdf>
- Distinguished Program Committee Member at the 27th International Joint Conference on Artificial Intelligence and the 23rd European Conference on Artificial Intelligence (IJCAI-ECAI 2018)
Info: <https://www.ijcai-18.org/distinguished-members/>

2.3 Presentations

2.3.1 Invited Talks / Seminars

- Knowledge representation and reasoning with ontologies (Commonsense Reasoning in Surgical Robotics (COSUR summer school) - May 3, 2022, Verona, Italy)
Slides http://marcorospocher.com/files/slides/2022coser_slides.pdf
- Joint Posterior Revision of NLP Entity Annotations via Ontological Knowledge (Montreal Natural Language Processing Consortium (MTL-NLP) - January 22, 2021, Montreal, Canada)
Slides <http://marcorospocher.com/files/slides/2021mtl.pdf>
Video Recording: <https://www.youtube.com/watch?t=274&v=L8rn6nt7mNE>
- Modelling, learning and populating ontologies for the Semantic Web (Department of Computer Science, University of Verona - December 4, 2019, Verona, Italy)
Slides https://marcorospocher.com/files/slides/2019DIuniVR_slides.pdf
- Improving NLP Entity Annotations via Ontological Knowledge (SCC Seminar Series - November 15, 2018, FBK, Trento, Italy)
Slides: https://marcorospocher.com/files/slides/2018scc_slides.pdf
- Learning Expressive Ontological Concept Descriptions via Neural Networks (Invited Keynote at the 4th Workshop on Semantic Deep Learning SemDeep-4 - October 9, Monterey, California, US)
Details: <http://www.dfki.de/semdeep-4/program.html>
Slides: https://marcorospocher.com/files/slides/2018semdeep4_slides.pdf
- KnowledgeStore (NewsReader Workshop - November 21, 2015, Amsterdam Public Library, Amsterdam, Netherlands)
Slides: https://marcorospocher.com/files/slides/2015nwr_slides.pdf
- An Ontological Framework for Decision Support (Ontology Summit Track C session on Decision Making in Different Domains - March 19, 2015, Virtual Meeting)
Slides: https://marcorospocher.com/files/slides/2015ontosum_slides.pdf
- Dati e Ricerca (Beni comuni digitali: una risorsa per il territorio, le istituzioni e i cittadini di oggi e domani - March 18, 2015, Riva del Garda, Italy)

Slides: https://marcorospoche.com/files/slides/2015dati_slides.pdf

- KnowledgeStore (Workshop on Deep and Large-Scale Semantic Processing: The Way Ahead - March 10, 2015, FBK, Trento, Italy)
Slides: https://marcorospoche.com/files/slides/2015jpn_slides.pdf
- Semantic Management in PESCaDO (PESCaDO Final Event - February 14, 2012, UPF, Barcelona, Spain)
Slides: https://marcorospoche.com/files/slides/2012pescado_slides.pdf
- Collaborative modeling of processes and ontologies (BMIR Research Colloquium - September 22, 2011, Stanford University, Palo Alto, USA)
Slides: https://marcorospoche.com/files/slides/2011bmir_slides.pdf
- Collaborative modeling of processes and ontologies (DERI - April 7, 2011, Digital Enterprise Research Institute, Galway, Ireland)
Slides: https://marcorospoche.com/files/slides/2011deri_slides.pdf
- MoKi and the ProDe project (ICT Days - March 16, 2011, University of Trento, Trento, Italy)
Slides: https://marcorospoche.com/files/slides/2011ict_slides.pdf
- MoKi: the Modelling Wiki (ILIKS Annual Meeting - December 18, 2009, Trento, Italy)
Slides: https://marcorospoche.com/files/slides/2009iliks_slides.pdf
- Modelling in APOSDLE (ACTIVE EU Project Meeting - January 27, 2009, STI, Innsbruck, Austria)
Slides: https://marcorospoche.com/files/slides/2009active_slides.pdf
- On the Computational Complexity of Listing Certificates of NP problems (ITC Seminars - October 18, 2006, Istituto Trentino di Cultura, Trento, Italy)
Slides: https://marcorospoche.com/files/slides/2006itc_slides.pdf

2.3.2 Conference Talks

- La Traduzione di Schede Terminologiche in Banche Dati di Tipo Rete Lessicale: il caso DIACOM-Fr (XXXI Convegno Associazione Italiana per la Terminologia, Verona, Italy, December 10, 2021)
- Ontologie e locuzioni: modellizzazione di termini complessi nell'ambito del progetto DIACOM (XXX Convegno Associazione Italiana per la Terminologia, Bolzano, Italy, October 15-16, 2020)
- An Ontology-Driven Probabilistic Soft Logic Approach to Improve NLP Entity Annotations (17th International Semantic Web Conference, ISWC 2018, Monterey, CA, USA, October 8-12, 2018)
Slides: https://marcorospoche.com/files/slides/2018iswc_research_slides.pdf
Video Recording: http://videolectures.net/iswc2018_ospoche_ontology_driven_soft/
- Joint Posterior Revision of NLP Annotations via Ontological Knowledge (27th International Joint Conference on Artificial Intelligence and the 23rd European Conference on Artificial Intelligence, IJCAI-ECAI 2018, July 13-19, 2018, Stockholm, Sweden)
Slides: https://marcorospoche.com/files/slides/2018ijcai_slides.pdf
- Knowledge Extraction for Information Retrieval (12th Extended Semantic Web Conference, ESWC 2016, May 29 - June 2, 2016, Heraklion, Crete, Greece)
Slides: https://marcorospoche.com/files/slides/2016eswc_slides.pdf
Video Recording: http://videolectures.net/eswc2016_ospoche_information_retrieval/

- Processing Billions of RDF Triples on a Single Machine using Streaming and Sorting (30th Annual ACM Symposium on Applied Computing, ACM-SAC2015, April 13 - 17, 2015, Salamanca, Spain)
Slides: https://marcorospoher.com/files/slides/2015sac_slides.pdf
- On the Collaborative Development of Application Ontologies: A Practical Case Study with a SME (19th International Conference on Knowledge Engineering and Knowledge Management, EKAW 2014, November 24-28, 2014, Linköping, Sweden)
Slides: https://marcorospoher.com/files/slides/2014ekaw_slides.pdf
- Investigating Collaboration Dynamics in Different Ontology Development Environments (7th International Conference on Knowledge Science, Engineering and Management - KSEM 2014, October 16-18, 2014, Sibiu, Romania)
Slides: https://marcorospoher.com/files/slides/2014ksem_slides.pdf
- An ontology for the Business Process Modelling Notation (8th International Conference on Formal Ontologies and Information Systems, FOIS2014, September 22-25, 2014, Rio de Janeiro, Brazil)
Slides: https://marcorospoher.com/files/slides/2014foisbpmn_slides.pdf
- An ontology for personalized environmental decision support (8th International Conference on Formal Ontologies and Information Systems, FOIS2014, September 22-25, 2014, Rio de Janeiro, Brazil)
Slides: https://marcorospoher.com/files/slides/2014foispescado_slides.pdf
- Interlinking Unstructured and Structured Knowledge in an Integrated Framework (7th IEEE International Conference on Semantic Computing, ICSC2013, September 16 - 18, Irvine, CA, USA)
Slides: https://marcorospoher.com/files/slides/2013icsc_slides.pdf
- An Ontological Framework for Decision Support (2nd Joint International Semantic Technology Conference, JIST2012, December 2-4, 2012, Nara, Japan)
Slides: https://marcorospoher.com/files/slides/2012jist_slides.pdf
- Evaluating wiki-enhanced ontology authoring (18th International Conference on Knowledge Engineering and Knowledge Management, EKAW2012, October 8-12, 2012, Galway, Ireland)
Slides: https://marcorospoher.com/files/slides/2012ekaw_slides.pdf
Video Recording: <https://www.youtube.com/watch?v=zOTY8j-w4j4>
- Conceptual Modeling in Wikis: a Reference Architecture and a Tool (The Fourth International Conference on Information, Process, and Knowledge Management, eKNOW2012, January 30 - February 4, 2012, Valencia, Spain)
Slides: https://marcorospoher.com/files/slides/2012eknow_slides.pdf
- Boosting collaborative ontology building with key-concept extraction (5th IEEE International Conference on Semantic Computing, ICSC2011, September 18-21, 2011, Palo Alto, CA, USA)
Slides: https://marcorospoher.com/files/slides/2011icsc_slides.pdf
- Reasoning on Semantically Annotated Processes (6th International Conference on Service-Oriented Computing, ICSOC2008, December 1-5, 2008, Sydney, Australia)
Slides: https://marcorospoher.com/files/slides/2008icsoc_slides.pdf
- Collaborative Knowledge Engineering via Semantic MediaWiki (International Conference on Semantic Systems, I-SEMANTICS08, September 3 - 5, 2008, Graz University of Technology, Graz, Austria)
Slides: https://marcorospoher.com/files/slides/2008isemantics_slides.pdf

2.3.3 Workshop Talks

- A Simple API to the KnowledgeStore (Developers Workshop at the 13th Int. Semantic Web Conference (ISWC'14), October 19, 2014, Riva del Garda, Italy)
Slides: https://marcorospocher.com/files/slides/2014iswcSemDev02_slides.pdf
- MoKi: the Modelling wiKi (SemWiki2009 - Fourth Workshop on Semantic Wikis, June 1, 2009, Heraklion, Crete, Greece)
Slides: https://marcorospocher.com/files/slides/2009semwiki_slides.pdf

2.3.4 Demo and Poster Presentations

- Towards Integration of Ontology and Text-extracted Data for Event Coreference Reasoning (ACM SAC'17 - April 3-7, 2017, Marrakesh, Morocco)
Poster: https://marcorospocher.com/files/posters/2017sac_poster.pdf
- Demonstrating the Power of Streaming and Sorting for Non-distributed RDF Processing: RDF-pro (ISWC 2015 Posters & Demonstrations Track, October 11-15, 2015, Bethlehem, USA)
Poster: https://marcorospocher.com/files/posters/2015iswcdemo2_poster.pdf
- Extracting Knowledge from Text with PIKES (ISWC 2015 Posters & Demonstrations Track, October 11-15, 2015, Bethlehem, USA)
Poster: https://marcorospocher.com/files/posters/2015iswcdemo1_poster.pdf
- Integrating Unstructured and Structured Knowledge with the KnowledgeStore (19th International Conference on Knowledge Engineering and Knowledge Management, EKAW 2014, November 24-28, 2014, Linköping, Sweden)
Poster: https://marcorospocher.com/files/posters/2014ekawdemo_poster.pdf
- Key-concept Extraction for Ontology Engineering (The 18th International Conference on Knowledge Engineering and Knowledge Management, EKAW2012, September 8-12, 2012, Galway, Ireland)
Poster: https://marcorospocher.com/files/posters/2012ekawdemo_poster.pdf
- MoKi: a Wiki-Based Conceptual Modeling Tool (EKAW2010 Poster and Demo Track, October 11-15, 2010, Lisbona, Portugal)
Poster: https://marcorospocher.com/files/posters/2010ekawdemo_2_poster.pdf
- MoKi: The Enterprise Modelling Wiki (6th European Semantic Web Conference, ESWC 2009, May 31-June 4, 2009, Heraklion, Crete, Greece)
Poster: https://marcorospocher.com/files/posters/2009eswcdemo_poster.pdf
- Collaborative enterprise integrated modelling (16th International Conference on Knowledge Engineering and Knowledge Management Knowledge Patterns, EKAW2008, September 29 - October 3, 2008, Aci Trezza, Italy)
Poster: https://marcorospocher.com/files/posters/2008ekaw_poster.pdf

2.4 Abroad Research Stays

- September 2013 - December 2013: Visiting Scholar at the Musen Lab, Stanford Center for Biomedical Informatics Research, Stanford University (working with: Dr. Tania Tudorache, Prof. Dr. Md. Mark Musen).
Topic: Investigation of collaboration dynamics in different ontology development environments

- January 2005 - April 2005: Visiting Research Associate at the School of Electrical Engineering and Computer Science, University of Newcastle, NSW, Australia (working with: Prof. Pablo Moscato).
Topic: Development of combinatorial optimization algorithms for computational biology.

2.5 Research Projects

2.5.1 Research Project Acquisitions

I've contributed to the successful acquisition of the following projects for FBK:

- NewsReader (EU FP7 Strep Project, Grant 316404, 01.2013-12.2015)
Building structured event indexes of large volumes of financial and economic data for decision making
FBK funding: 745,000 Euro
- ePlanning (Progetto Di Ricerca Applicata, Funded by Local Government under L.P. 13.12.1999, n. 6, art. 5, 2012-2014)
Expert system for building Individualized Education Plan for pupils with special educational needs
FBK funding: 114,000 Euro
- Organic.Lingua (EU FP7 ICP Project, Grant 270999, 03.2011-02.2014)
Demonstrating the potential of a multilingual Web portal for Sustainable Agricultural & Environmental Education
FBK funding: 225,000 Euro

2.5.2 Research Project Participations

- NexusLinguarum (COST Action, CA18209, 2019-2023)
Site: <https://nexuslinguarum.eu/>
Role: Member of Working Groups WG1 & WG2
- Progetto di Eccellenza: Le Digital Humanities applicate alle lingue e letterature straniere (MIUR, 01.2018-12.2022)
Site: <http://www.dlts.univr.it/?ent=progetto&id=5327>
Role: Team Leader of the project "Spazi e Piattaforme Digitali", for the Department of Foreign Languages and Literatures of the University of Verona
- NewsReader (EU FP7 Strep Project, Grant 316404, 01.2013-12.2015)
Building structured event indexes of large volumes of financial and economic data for decision making
Site: https://cordis.europa.eu/project/rcn/106026_en.html
Partners: VU University Amsterdam (Netherlands); Universidad Del Pais Vasco (Spain); LexisNexis (Netherlands); ScraperWiki (United Kingdom); Synerscope (Netherlands)
Role: Project Leader for FBK (FBK personnel involved: 13); Work Package 6 Leader; full coordination of the activities (admin, research, development) of the FBK Data and Knowledge Management research unit; principal investigator of the research and development activities on the KnowledgeStore
- ePlanning (Progetto Di Ricerca Applicata, Funded by Local Government under L.P. 13.12.1999, n. 6, art. 5, 2012-2014)
Expert system for building Individualized Education Plan for pupils with special educational

needs

Partners: Edizioni Centro Studi Erickson S.p.a. (Italy)

Role: Project Leader for FBK (FBK personnel involved: 6); full coordination of the activities (admin, research, development) of the FBK Data and Knowledge Management research unit

- PESCADO (EU FP7 Strep Project, Grant 248594, 01.2010-12.2012)
Personalized Environmental Service Configuration and Delivery Orchestration
Site: https://cordis.europa.eu/project/rcn/93834_en.html
Partners: Universitat Pompeu Fabra (Spain); Fraunhofer Gesellschaft (Germany); University of Stuttgart (Germany); Helsinki Region Environmental Services Authority (Finland); Finnish Meteorological Institute (Finland); Center for Research and Technology Hellas (Greece).
Role: Project Leader for FBK (FBK personnel involved: 5); Work Package 5 Leader; full coordination of the activities (admin, research, development) of the FBK Data and Knowledge Management research unit; principal investigator of the research and development activities on semantic technologies (ontology and reasoning)
- APOSDLE (EU FP6 IP Project, Grant 027023, 03.2006-02.2010)
Advanced process-oriented self-directed learning environment
Site: https://cordis.europa.eu/project/rcn/80574_en.html
Partners: Joanneum Research (Austria); City University London (United Kingdom); ComNet-Media AG (Germany); SAP AG (Germany); University of Twente (Netherlands); Graz University of Technology (Austria); Fraunhofer-Gesellschaft (Germany); European Aeronautic Defence and Space Company - EADS (France); ISN-Innovation Service Network (Austria); IHK Darmstadt (Germany); Know-Center (Austria).
Role: Task-level coordination activities; Participation to the research and development activities

2.6 Resources

2.6.1 Tools

- MoKi: The modelling wiki (<http://moki.fbk.eu>): a collaborative tool that supports the creation of articulated enterprise models (ontologies and business processes) through structured wiki pages
- KnowledgeStore (<http://knowledgestore.fbk.eu>): a scalable, fault-tolerant, and Semantic Web grounded storage system to jointly store, manage, retrieve, and semantically query, both structured and unstructured content
- RDF_{PRO} (<http://rdfpro.fbk.eu>): a public domain, Java command line tool and library for RDF processing
- PIKES (<http://pikes.fbk.eu/>): a framework for extracting knowledge graphs from natural language text
- JPARK (<http://pikes.fbk.eu/jpark.html>): a probabilistic model leveraging ontological knowledge for improving the coherence and revise NLP entity annotations
- PSL4EA (<http://pikes.fbk.eu/psl4ea.html>): an ontological knowledge powered approach based on Probabilistic Soft Logic for jointly revising multiple NLP entity annotations
- KE4IR (<http://pikes.fbk.eu/ke4ir.html>): an approach that improves the performances of the traditional term-based similarity solution for document retrieval by performing a semantic analysis and enrichment (via PIKES) of the query and the documents

- **TeX-OWL** (<https://github.com/dkmfbk/TexOwl>): a new syntax that can be used to write OWL 2 ontologies
- **Explicit Lyrics Detectors** (<https://github.com/rospoche/explicit-lyrics-detection/>): a suite of classifiers (e.g., Logistic Regression, FastText, 1D-CNN, BERT) to automatically assess whether the lyrics of songs contain explicit content. Besides the Python code for training and evaluating the classifiers, pre-trained, ready-to-use models are made available, both for English and Italian.

2.6.2 Ontologies

- **The BPMN Ontology** (<http://marcorospoche.com/backup-resources/bpmn/>): a formalization in OWL-DL of the structural components of the Business Process Modelling Notation (BPMN), based on the latest stable BPMN specifications from OMG [BPMN Version 1.1 - January 2008]
- **The PESCaDO Ontology** (<https://marcorospoche.com/backup-resources/pescado/>): a modular OWL ontology capable of representing all the content processed and produced by a system providing user-tailored environmental decision support
- **The Event and Situation Ontology (ESO)** (<https://github.com/newsreader/eso>): a resource which formalizes the pre and post conditions of events and the roles of the entities affected by an event
- **PreMON - Predicate Model for Ontologies** (<https://premon.fbk.eu/>): a linguistic Linked Data resource representing predicate models such as PropBank, NomBank, VerbNet and FrameNet

2.6.3 Language Models

- **SurgicBERTa** (<https://huggingface.co/marcobombieri/surgicberta>) is a pre-trained language model specific for the English surgical language, i.e., the language used in the surgical domain. SurgicBERTa has been obtained from RoBERTa through continued pre-training with the Masked-Language-Modeling objective on 300k sentences taken from English surgical books and papers, for a total of 7 million words. To the best of our knowledge, SurgicBERTa is the first pre-trained language model made available for the surgical domain.

2.6.4 Linguistic Resources

- **Robotic Surgery Propositional Bank (RSPB) dataset** (<https://gitlab.com/altairLab/robotic-surgery-propositional-bank>). The Robotic Surgery Propositional Bank is a linguistic resource, extending PropBank, that collects lemmas, rolesets (i.e., senses), and roles for propositions specific to the robotic-surgery domain.

2.6.5 Datasets

- **VTCEL** (<https://doi.org/10.6084/m9.figshare.7882781.v6>): VTCEL, derived from Flickr30k-Entities dataset, consists of documents composed of a picture and five corresponding descriptions captioning it. Visual and textual mentions of each picture and captions are annotated and aligned to entities typed with classes from YAGO.
- **Annotated dataset to assess the accuracy of the textual description of cultural heritage records** (<https://doi.org/10.6084/m9.figshare.13359104.v1>): the dataset contains more than 100K textual descriptions of cultural items from Cultura Italia, the Italian National Cultural aggregator. Each of the description is labeled either HIGH or LOW quality, according its adherence to the standard cataloguing guidelines provided by Istituto Centrale per il Catalogo e la Documentazione (ICCD).

- Surgical Procedural Knowledge Sentences (SPKS) dataset (<https://gitlab.com/altairLab/spks-dataset>): SPKS is a textual dataset for the surgical robotic field consisting of 1958 sentences (37022 words and 3999 unique words) manually annotated as procedural and non-procedural by an expert annotator.
- Explicit lyrics datasets (<https://github.com/rospoche/rospoche-explicit-lyrics-detection/>): Two annotated datasets, one for English lyrics (807K songs) and one for Italian lyrics (37K songs), built starting from Spotify and LyricWiki content, to support the training and evaluation of automatic tools for detecting explicit song lyrics, i.e., lyrics whose content is unsuitable for children.

2.7 Professional Services

2.7.1 Journal Editorial Boards

- Member of the Editorial Board of Information Processing & Management (Elsevier Journal). <https://www.journals.elsevier.com/information-processing-and-management/editorial-board>
- Guest Co-editor of the Special Issue “Knowledge and Language Processing” of Information Processing & Management (Elsevier Journal). The selected articles (DOIs: 10.1016/j.ipm.2019.102133, 10.1016/j.ipm.2019.102148, 10.1016/j.ipm.2019.102173, 10.1016/j.ipm.2020.102217) appeared in Volume 57, Issue 6, November 2020 of the journal (<https://www.sciencedirect.com/journal/information-processing-and-management/vol/57/issue/6>).
- Guest Co-editor of the Special Issue “Applied Cognitive Computing: Challenges, Approaches, and Real-World Experiences” of Progress In Artificial Intelligence (Springer Journal). The selected articles (DOIs: 10.1007/s13748-018-0160-x, 10.1007/s13748-018-0162-8, 10.1007/s13748-018-0163-7, 10.1007/s13748-018-0164-6) appeared in Volume 7, issue 4, December 2018 of the journal (<https://link.springer.com/journal/13748/volumes-and-issues/7-4>)

2.7.2 Journal Reviewing

- ACM Transactions on Intelligent Systems and Technology (ACM TIST)
- Applied Ontology (AO)
- Artificial Intelligence (AIJ)
- IEEE Internet Computing (IEEE IC)
- Information Processing & Management (IP&M)
- Information Systems (IS)
- International Journal of Semantic Computing (IJSC)
- International Journal of Software Engineering and Knowledge Engineering (IJSEKE)
- Journal of Data Semantics (JDS)
- Journal of Information Science (JIS)
- Journal of Web Semantics (JWS)
- Natural Language Engineering (NLE)
- PeerJ Computer Science
- Semantic Web Journal (SWJ)
- Umanistica Digitale (UD)

2.7.3 Conference / Workshop Organization

- Co-chair of the special track on Knowledge and Natural Language Processing (KNLP) at the 38th ACM SIGAPP Symposium On Applied Computing (ACM-SAC2023) [March 27-31, 2023, Tallinn, Estonia]
<http://klp.fbk.eu>
- Co-chair of the special track on Knowledge and Natural Language Processing (KNLP) at the 37th ACM SIGAPP Symposium On Applied Computing (ACM-SAC2022) [April 25-29, 2022, Brno, Czech Republic]
<https://doi.org/10.1145/3535434>
- Co-chair of the special track on Knowledge and Language Processing (KLP) at the 36th ACM SIGAPP Symposium On Applied Computing (ACM-SAC2021) [March 22-26, 2021, Gwangju, South Korea]
<https://doi.org/10.1145/3462420>
- Co-chair of the special track on Knowledge and Language Processing (KLP) at the 35th ACM SIGAPP Symposium On Applied Computing (ACM-SAC2020) [March 30-April 3, 2020, Brno, Czech Republic]
<http://doi.org/10.1145/3389659>
- Co-chair of the special track on Knowledge and Language Processing (KLP) at the 34th ACM SIGAPP Symposium On Applied Computing (ACM-SAC2019) [April 8-12, 2019, Limassol, Cyprus]
<https://doi.org/10.1145/3329375>
- Co-chair of Doctoral Consortium of the 17th International Conference of the Italian Association for Artificial Intelligence (AI*IA 2018) [November 20-23, 2018, Trento, Italy]
<http://ceur-ws.org/Vol-2249/>
- Co-chair of the special track on Cognitive Computing (CoCo) at the 33rd ACM SIGAPP Symposium On Applied Computing (ACM-SAC2018) [April 9-13, 2018, Pau, France]
<https://doi.org/10.1145/3258634>
- Co-chair of the special track on Cognitive Computing (CoCo) at the 32nd ACM SIGAPP Symposium On Applied Computing (ACM-SAC2017) [March 27-31, 2017, Marrakech, Morocco]
<https://doi.org/10.1145/3243944>
- Co-chair of the 4th International Workshop on Detection, Representation, and Exploitation of Events in the Semantic Web (DeRiVE 2015), co-located with ESWC2015 [May 31, 2015, Portoroz, Slovenia]
<http://ceur-ws.org/Vol-1363/>
- Co-Chair of the Posters and Demos track of the 13th International Semantic Web Conference (ISWC2014) [October 19-23, 2014, Riva del Garda, Italy]
<http://ceur-ws.org/Vol-1272/>

2.7.4 Conference / Workshop Program Committees

- International Joint Conference on Artificial Intelligence (IJCAI): 2018, 2019, 2020
- AAAI Conference on Artificial Intelligence (AAAI): 2018, 2019, 2020, 2021, 2023
- The Web Conference (WWW) [formerly: International World Wide Web Conference]:
 - Semantics and Knowledge (Research Track): 2019, 2020

- Web Content Analysis, Semantics, and Knowledge (Research Track): 2018
- Posters Track: 2016
- International Semantic Web Conference (ISWC):
 - Research Track (Senior PC Member): 2019
 - Research Track: 2014, 2015, 2016, 2017, 2018, 2020, 2021, 2022
 - Resource Track: 2017, 2020
 - InUse & Software track: 2015
 - InUse: 2012, 2013, 2014
 - Doctoral Consortium: 2019
 - Journal Track: 2019
 - Posters and Demos Track: 2009, 2014, 2015
- Annual Meeting of the Association for Computational Linguistics (ACL):
 - Resources and Evaluation Track: 2019
- European Conference on Artificial Intelligence (ECAI): 2020
- Information Processing & Management Conference (IP&MC): 2022
- International Conference on Knowledge Engineering and Knowledge Management (EKAW):
 - Research Track: 2012, 2014, 2016, 2018
 - PhD Symposium (+ Mentoring): 2012, 2014
- Joint Conference on Lexical and Computational Semantics (*SEM): 2017 (Lexical resources, linked data, ontologies Track)
- European/Extended Semantic Web Conference (ESWC):
 - Main PC: 2017
 - Ontology Track: 2012
 - PhD Mentor: 2016
 - Posters & Demos: 2010
- International Conference on Formal Ontology in Information Systems (FOIS): 2014 (Early Career Symposium)
- IEEE International Conference on Semantic Computing (IEEE-ICSC): 2012, 2013, 2014, 2015, 2016, 2017, 2018
- Language Resources and Evaluation Conference (LREC): 2016, 2018, 2020, 2022
- Conference on Language, Data and Knowledge (LDK): 2019, 2021, 2023
- International Conference on Semantic Systems (I-SEMANTICS): 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018
- International Conference on Ambient Systems, Networks and Technologies (ANT): 2023
- Italian Conference on Computational Linguistics (CLIC-it): 2021
- Convegno Annuale dell’Associazione per l’Informatica Umanistica e la Cultura Digitale (AIUCD): 2020

- PhD Conference - Past, History and Memory in Language and Literary Studies (University of Verona): 2022
- International Conference on Bio-inspired Information and Communications Technologies (BICT): 2014
- International Workshop on Sentiment Analysis & Linguistic Linked Data (SALLD): 2021
- International Workshop on Multisensory Data & Knowledge (MDK): 2021
- International Workshop on Personalization in eGovernment Services and Applications (PEGOV): 2013, 2014, 2015
- Joint OWL Experiences and Directions Workshop (OWLED) and OWL Reasoner Evaluation Workshop (ORE): 2016
- OWL: Experiences and Directions Workshop (OWLED): 2015
- Open Knowledge Base and Question Answering Workshop (OKBQA): 2016
- International Workshop on Ontology Content (OnToContent): 2012, 2013, 2014, 2015
- Workshop on the Contextual Representation of Objects and Events in Language (CREOL): 2017
- International Conference on Building and Exploring Web Based Environments (WEB): 2014, 2015, 2016
- International Conference on Advances in Semantic Processing (SEMAPRO): 2013, 2014, 2015, 2016
- Workshop on Natural Language for Artificial Intelligence (NL4AI): 2017
- International Workshop on Environmental Multimedia Retrieval: 2014, 2015
- Workshop on Semantic Web and Information Extraction (SWAIE) 2013, 2014
- International Symposium on Intelligent Informatics (ISI): 2013
- International Workshop on Vocabularies, Ontologies and Rules for the Enterprise and Beyond (VORTE): 2013
- International Conference on Artificial Intelligence: Methodology, Systems, Applications (AIMSA): 2012
- International Conference on Complex, Intelligent, and Software Intensive Systems (CISIS): 2012
- Workshop on Context, Information And Ontologies (CIAO): 2010

2.8 Scientific Consulting & Collaborations as expert

- Scientific consulting for the "Compagnia di San Paolo" on the Artificial Intelligence in Digital Humanities topic
- Project proposal reviewing for the "Netherlands Organisation for Scientific Research" (NWO)

2.9 Membership of Ph.D. Programme/School Committees

- Teaching Committee for the PhD Programme in Foreign Languages, Literatures and Linguistics (University of Verona, March 15, 2019 to September 30, 2021) - PhD Cycles: 35, 36
- Teaching Committee for the PhD Programme in Foreign Languages and Literatures (University of Verona, since October 1, 2021) - PhD Cycles: 37

2.10 Membership of Ph.D. Examination Committees

- Matteo Lorenzini - Thesis's Title: *Metadata Quality Evaluation in Cultural Heritage Domain* (ICT School, University of Trento, 2022)
- Yaroslav Nechaev - Thesis's Title: *Linking Knowledge Bases to Social Media Profiles* (ICT School, University of Trento, 2019)

3 Institutional Activities

- Programme Director of the Bachelor's degree in Languages and literatures for publishing and digital media (October 2021 - September 2022)

4 Teaching Activities

4.1 Supervision of Ph.D. Theses

- Co-advisor of Marco Bombieri - Thesis's Topic: *Machine understanding robotic-surgery actions from the textual description of surgical intervention procedures* (University of Verona, 2019 - present)
- Co-promotor of Roxane Segers (Promotor: prof. dr. Piek Vossen) - Thesis's Topic: *Formalizing Events for Detecting Implicit Event Information in Natural Language Text* (Vrije Universiteit, Amsterdam, 2018 - present)
- Co-advisor of Antonio Arnieri - Thesis's Title: *Sound and Identity in Shakespeare's Theatre* (University of Verona, 2018 - 2022)
- Co-advisor of Matteo Lorenzini - Thesis's Title: *Metadata Quality Evaluation in Cultural Heritage Domain* (ICT School, University of Trento, 2017 - 2022) [Now Working at: ETH Zurich]
- Advisor of Giulio Petrucci - Thesis's Title: *Learning to Learn Concept Descriptions* (ICT School, University of Trento, 2013 - 2018) [Now Working at: Google Zurich]
- Co-advisor of Francesco Corcoglioniti - Thesis's Title: *Frame-based Ontology Population from Text: Models, Systems and Applications* (ICT School, University of Trento, 2012 - 2016) [Now Working at: FBK]

4.2 Supervision of Master's / Bachelor's Degree Theses

- Master's degree in Computer Science, University of Trento: Rakebul Hasan (2009), Nahid E Mahbub (2009), Md. Kamrul Hasan (2009), Musawar Saeed (2009), Matteo Matassoni (2014)
- LCT European Masters Program, University of Trento: Yiqing Liang (2017)
- Master's degree in Languages for Communication in Tourism and Commerce, University of Verona: Beatrice Giacomazzi (2019), Francesca Tosato (2019), Silvia Cavazza Ceccato (2020), Michela Pecora (2020), Gaia Tacchini (2020), Irina Casian (2020), Erica Fattori (2020), Elisa Benedetti (2021)
- Bachelor's degree in Computer Science, University of Trento: Marco Spanò (2018)
- Bachelor's degree in Languages and Cultures for Publishing, University of Verona: Arianna Zanrossi (2020), Federica Pampalone (2020), Francesca Tirapelle (2020), Isabella Jaforte (2021), Martina Zanetti (2021), Ester Marchi (2021), Beatrice Vanoli (2021), Chiara Lazzari (2022), Daniela Xhupi (2022), Clarita Ferri (2022)

- Bachelor's degree in Languages and Literatures for Publishing and Digital Media, University of Verona: Rebecca Guolo (2022), Amedeo Onnis (2022)
- Bachelor's degree in Languages and Cultures for Tourism and International Commerce: Francesca Laganà (2020), Lukasz Kolasowski (2020), Sara Turrini (2021)

4.3 Supervision of Stages / Internship

- post-Master Research Internships: Gianluca Maguolo (2018)
- LCT European Masters Program, University of Trento: Yiqing Liang (2017)
- Master's degree in Computer Science, University of Trento: Nahid E Mahbub (2008), Md. Kamrul Hasan (2009)
- Bachelor's degree in Computer Science, University of Trento: Gianluca Apriceno (2015), Enrico Magnago (2015), Alessio Scussel (2016)
- Bachelor's degree in Languages and Literatures for Publishing and Digital Media, University of Verona: Jasmine Touarsa (2021), Marta Cafà (2021)

4.4 Lectureship

- Academic Year: 2022 - 2023
 - *Introduction to Digital Humanities* - Bachelor's degree in Languages and Literatures for Publishing and Digital Media, University of Verona, Italy
 - *Programming Languages for the Humanities* - Bachelor's degree in Languages and Literatures for Publishing and Digital Media, University of Verona, Italy
 - *Databases and Information Systems for the Humanities* - Bachelor's degree in Languages and Literatures for Publishing and Digital Media, University of Verona, Italy
 - *Electronic commerce* - Master's degree in Languages for Communication in Tourism and Commerce, University of Verona, Italy
 - *Python programming language* - Ph.D. School, University of Verona, Italy
- Academic Year: 2021 - 2022
 - *Introduction to Digital Humanities* - Bachelor's degree in Languages and Literatures for Publishing and Digital Media, University of Verona, Italy
 - *Programming Languages for the Humanities* - Bachelor's degree in Languages and Literatures for Publishing and Digital Media, University of Verona, Italy
 - *Databases and Information Systems for the Humanities* - Bachelor's degree in Languages and Literatures for Publishing and Digital Media, University of Verona, Italy
 - *Crash course on Python programming for the Humanities* - Ph.D. programme in Foreign Languages and Literatures + Ph.D. programme in Linguistics, University of Verona, Italy
- Academic Year: 2020 - 2021
 - *Digital Humanities* - Bachelor's degree in Languages and Cultures for Publishing, University of Verona, Italy
 - *Introduction to Digital Humanities* - Bachelor's degree in Languages and Literatures for Publishing and Digital Media, University of Verona, Italy

- *Programming Languages for the Humanities* - Bachelor's degree in Languages and Literatures for Publishing and Digital Media, University of Verona, Italy
- *Natural Language Processing for analyzing written textual resources* - Ph.D. programme in Foreign Literatures, Languages and Linguistics, University of Verona, Italy
- *Semantic Web and Linked Data technologies for the humanities* - Ph.D. programme in Foreign Literatures, Languages and Linguistics, University of Verona, Italy
- *Working with Textual Files: Encodings and Regular Expressions* - Ph.D. programme in Foreign Literatures, Languages and Linguistics, University of Verona, Italy
- Academic Year: 2019 - 2020
 - *Electronic commerce* - Master's degree in Languages for Communication in Tourism and Commerce, University of Verona, Italy
 - *Digital Humanities* - Bachelor's degree in Languages and Cultures for Publishing, University of Verona, Italy
 - *Introduction to Digital Humanities* - Bachelor's degree in Languages and Literatures for Publishing and Digital Media, University of Verona, Italy
 - *A gentle introduction to Natural Language Processing and Semantic Web technologies for Digital Humanities research* - Ph.D. programme in Foreign Literatures, Languages and Linguistics, University of Verona, Italy
 - *The eXtensible Markup Language (XML) and the Textual Encoding Initiative (TEI): standards for text representation in the humanities* - (with Dr. Anna Cappellotto) Ph.D. programme in Foreign Literatures, Languages and Linguistics, University of Verona, Italy
- Academic Year: 2018 - 2019
 - *Electronic commerce (A-L)* - Master's degree in Languages for Communication in Tourism and Commerce, University of Verona, Italy
 - *Electronic commerce (M-Z)* - Master's degree in Languages for Communication in Tourism and Commerce, University of Verona, Italy
 - *A gentle introduction to Natural Language Processing and Semantic Web technologies for Digital Humanities research* - Ph.D. programme in Foreign Literatures, Languages and Linguistics, University of Verona, Italy
- Academic Year: 2012 - 2013
 - *Language Resources and Ontologies* (co-lecturer: Dr. Sara Tonelli) - Master Degree in Filosofia e linguaggi della modernità, University of Trento, Italy
- Additionally, I gave lectures for the following courses / schools:
 - First Interdisciplinary Summer School on Ontological Analysis, IAOA, Trento (2012)
 - Course *Language Resources and Ontologies*, Master in Human Language Technology and Interface, University of Trento (2010-2011, 2011-2012)
 - International Winter Camp on Language and Data/Knowledge, TrentoRise (2012)
 - Course *Computational Linguistics*, M.Sc. in Cognitive Science, University of Trento (2012)
 - Course *Business Process Re-engineering*, M.Sc. in Net Economics, University of Trento (2010, 2011)
 - Course *Computational Complexity*, M.Sc. in Computer Science, University of Trento (2004, 2005)

5 Publications

5.1 Bibliometrics Indicators

Google Scholar

- Citations: 1849
- H-index: 25
- i10-Index: 48

Scopus

- Citations: 993
- H-index (incl. self-citation): 17
- H-index (excl. self-citation): 16

5.2 Journals

26. **Marco Rospoher**. Detecting explicit lyrics: a case study in Italian music. *Language Resources and Evaluation* (To appear)
DOI: 10.1007/s10579-022-09595-3
25. Marco Bombieri, **Marco Rospoher**, Simone Paolo Ponzetto, and Paolo Fiorini. Machine understanding surgical actions from intervention procedure textbooks. *Computers in Biology and Medicine*:106415. ISSN: 0010-4825 (To appear)
DOI: <https://doi.org/10.1016/j.combiomed.2022.106415>
URL: <https://www.sciencedirect.com/science/article/pii/S0010482522011234>
24. **Marco Rospoher**. On exploiting transformers for detecting explicit song lyrics. *Entertainment Computing*, vol. 43:100508. ISSN: 1875-9521 (2022)
DOI: 10.1016/j.entcom.2022.100508
URL: <https://www.sciencedirect.com/science/article/pii/S1875952122000325>
23. Shahi Dost, Luciano Serafini, **Marco Rospoher**, Lamberto Ballan, and Alessandro Sperduti. Aligning and linking entity mentions in image, text, and knowledge base. *Data & Knowledge Engineering*. ISSN: 0169-023X (2022)
DOI: 10.1016/j.datak.2021.101975
URL: <https://www.sciencedirect.com/science/article/pii/S0169023X2100094X>
22. Matteo Lorenzini, **Marco Rospoher**, and Sara Tonelli. Automatically evaluating the quality of textual descriptions in cultural heritage records. *International Journal on Digital Libraries*, vol. 22(2):217–231. ISBN: 1432-1300 (2021)
DOI: 10.1007/s00799-021-00302-1
URL: <https://doi.org/10.1007/s00799-021-00302-1>
21. Marco Bombieri, **Marco Rospoher**, Diego Dall’Alba, and Paolo Fiorini. Automatic detection of procedural knowledge in robotic-assisted surgical texts. *International Journal of Computer Assisted Radiology and Surgery*, vol. 16:1287–1295. ISBN: 1861-6429 (2021)
DOI: 10.1007/s11548-021-02370-9
URL: <https://doi.org/10.1007/s11548-021-02370-9>

20. **Marco Rospoher**. Explicit song lyrics detection with subword-enriched word embeddings. *Expert Systems with Applications*, vol. 163. ISSN: 0957-4174 (2021)
DOI: 10.1016/j.eswa.2020.113749
URL: <http://www.sciencedirect.com/science/article/pii/S095741742030573X>
19. Matteo Lorenzini, **Marco Rospoher**, and Sara Tonelli. On assessing metadata completeness in digital cultural heritage repositories. *Digital Scholarship in the Humanities*, vol. 36(Supplement 2):ii182-ii188. ISSN: 2055-7671 (2021)
DOI: 10.1093/l1c/fqab036
URL: https://academic.oup.com/dsh/article-pdf/36/Supplement_2/ii182/41091126/fqab036.pdf
18. **Marco Rospoher** and Francesco Corcoglioniti. Knowledge-driven joint posterior revision of named entity classification and linking. *Journal of Web Semantics*, vol. 65:100617. ISSN: 1570-8268 (2020)
DOI: 10.1016/j.websem.2020.100617
URL: <http://www.sciencedirect.com/science/article/pii/S1570826820300500>
17. Matteo Lorenzini, **Marco Rospoher**, and Sara Tonelli. Proposta per una valutazione automatica della completeness dei metadati nel contesto delle biblioteche digitali. *DigItalia*, vol. 2:159–167 (2020)
DOI: 10.36181/digitalia-00023
URL: <http://digitalia.sbn.it/article/view/2639>
16. **Marco Rospoher**, Francesco Corcoglioniti, and Mauro Dragoni. Boosting Document Retrieval with Knowledge Extraction and Linked Data. *Semantic Web - Interoperability, Usability, Applicability*, vol. 10(4):753–778. ISSN: 2210-4968 (2019)
DOI: 10.3233/SW-180325
URL: <https://content.iospress.com/articles/semantic-web/sw325>
15. **Marco Rospoher**, Francesco Corcoglioniti, and Alessio Palmero Aprosio. PreMON: LODifing Linguistic Predicate Models. *Language Resources and Evaluation*, vol. 53(3):499–524 (2019)
DOI: 10.1007/s10579-018-9437-8
URL: <https://link.springer.com/article/10.1007/s10579-018-9437-8>
14. Giulio Petrucci, **Marco Rospoher**, and Chiara Ghidini. Expressive Ontology Learning as Neural Machine Translation. *Journal of Web Semantics*, vol. 52-53:66-82. Elsevier B.V.. ISSN: 1570-8268 (2018)
DOI: 10.1016/j.websem.2018.10.002
URL: <https://www.sciencedirect.com/science/article/pii/S1570826818300507>
13. Francesco Corcoglioniti, **Marco Rospoher**, and Alessio Palmero Aprosio. Frame-Based Ontology Population with PIKES. *IEEE Transactions on Knowledge and Data Engineering*, vol. 28(12):3261–3275. IEEE. ISSN: 1041-4347 (2016)
DOI: 10.1109/TKDE.2016.2602206
URL: <https://ieeexplore.ieee.org/document/7549111/>
12. Piek Vossen, Rodrigo Agerri, Itziar Aldabe, Agata Cybulska, Marieke van Erp, Antske Fokkens, Egoitz Laparra, Anne-Lyse Minard, Alessio Palmero Aprosio, German Rigau, **Marco Rospoher**, and Roxane Segers. NewsReader: Using knowledge resources in a cross-lingual reading machine to generate more knowledge from massive streams of news. *Knowledge-Based Systems*, vol. 110:60–85. Elsevier B.V.. ISSN: 0950-7051 (2016)

DOI: 10.1016/j.knosys.2016.07.013

URL: <http://www.sciencedirect.com/science/article/pii/S0950705116302271>

11. **Marco Rospo**cher, Marieke van Erp, Piek Vossen, Antske Fokkens, Itziar Aldabe, German Rigau, Aitor Soroa, Thomas Ploeger, and Tessel Bogaard. Building Event-Centric Knowledge Graphs from News. *Web Semantics: Science, Services and Agents on the World Wide Web*, vol. 37–38:132–151. Elsevier B.V.. ISSN: 1570-8268 (2016)
DOI: 10.1016/j.websem.2015.12.004
URL: <http://www.sciencedirect.com/science/article/pii/S1570826815001456>
10. Sofia Cramerotti, Massimo Turrini, Marco Buccio, Silvia Larentis, **Marco Rospo**cher, Luciano Serafini, Elena Cardillo, and Ivan Donadello. ePlanning: an Ontology-based System for Building Individualized Education Plans for Students with Special Educational Needs. *MED – Media Education*, vol. 6(1):101–110. Edizioni Centro Studi Erickson S.p.a.. ISSN: 2038-3002 (2015)
URL: http://riviste.erickson.it/med/wp-content/uploads/07_Cramerotti_L.2015_fin.pdf
9. Francesco Corcoglioniti, **Marco Rospo**cher, Roldano Cattoni, Bernardo Magnini, and Luciano Serafini. The KnowledgeStore: a Storage Framework for Interlinking Unstructured and Structured Knowledge. *International Journal on Semantic Web and Information Systems*, vol. 11(2):1–35. IGI Global. ISSN: 1552-6283; 1552-6291 (2015)
DOI: 10.4018/IJSWIS.2015040101
URL: <http://www.igi-global.com/article/the-knowledgestore/136832>
8. Leo Wanner, Harald Bosch, Nadjat Bouayad-Agha, Gerard Casamayor, Thomas Ertl, Desiree Hilbring, Lasse Johansson, Kostas Karatzas, Ari Karppinen, Ioannis Kompatsiaris, Tarja Koskentalo, Simon Mille, Jürgen Moßgraber, Anastasia Moutmtzidou, Maria Myllynen, Emanuele Pianta, **Marco Rospo**cher, Luciano Serafini, Virpi Tarvainen, Sara Tonelli, and Stefanos Vrochidis. Getting the environmental information across: from the Web to the user. *Expert Systems*, vol. 32(3):405–432. John Wiley & Sons Ltd. ISSN: 1468-0394 (2015)
DOI: 10.1111/exsy.12100
URL: <https://onlinelibrary.wiley.com/doi/abs/10.1111/exsy.12100>
7. Leo Wanner, **Marco Rospo**cher, Stefanos Vrochidis, Lasse Johansson, Nadjat Bouayad-Agha, Gerard Casamayor, Ari Karppinen, Ioannis Kompatsiaris, Simon Mille, Anastasia Moutmtzidou, and Luciano Serafini. Ontology-centered environmental information delivery for personalized decision support. *Expert Systems with Applications*, vol. 42(12):5032–5046. Elsevier B.V.. ISSN: 0957-4174 (2015)
DOI: 10.1016/j.eswa.2015.02.048
URL: <http://www.sciencedirect.com/science/article/pii/S0957417415001554>
6. Chiara Di Francescomarino, Chiara Ghidini, and **Marco Rospo**cher. Evaluating Wiki Collaborative Features in Ontology Authoring. *IEEE Transactions on Knowledge and Data Engineering*, vol. 26(12):2997–3011. IEEE. ISSN: 1041-4347 (2014)
DOI: 10.1109/TKDE.2014.2312325
URL: <https://www.computer.org/csdl/journal/tk/2014/12/06776520/13rRUwbs1SV>
5. Chiara Ghidini, Chiara Di Francescomarino, **Marco Rospo**cher, Paolo Tonella, and Luciano Serafini. Semantics-Based Aspect-Oriented Management of Exceptional Flows in Business Processes. *IEEE Transactions on Systems, Man, and Cybernetics, Part C: Applications and Reviews*, vol. 42(1):25–37. IEEE. ISSN: 1094-6977 (2012)

DOI: 10.1109/TSMCC.2011.2138133

URL: <https://ieeexplore.ieee.org/document/5766767/>

4. Chiara Ghidini, **Marco Rospo**cher, and Luciano Serafini. Modeling in a Wiki with MoKi: Reference Architecture, Implementation, and Usages. *International Journal On Advances in Life Sciences*, vol. 4(3&4):111–124. IARIA. ISSN: 1942-2660 (2012)
URL: https://www.ariajournals.org/life_sciences/tocv4n34.html
3. **Marco Rospo**cher, Sara Tonelli, Luciano Serafini, and Emanuele Pianta. Corpus-based Terminological Evaluation of Ontologies. *Applied Ontology*, vol. 7(4):429–448. IOS Press. ISSN: 1570-5838; 1875-8533 (2012)
DOI: 10.3233/AO-2012-0114
URL: <https://content.iospress.com/articles/applied-ontology/ao114>
2. Chiara Di Francescomarino, Chiara Ghidini, **Marco Rospo**cher, Luciano Serafini, and Paolo Tonella. A framework for the collaborative specification of semantically annotated business processes. *Journal of Software Maintenance and Evolution: Research and Practice*, vol. 23(4):261–295. John Wiley & Sons Ltd. ISSN: 1532-0618 (2011)
DOI: 10.1002/smr.525
URL: <https://onlinelibrary.wiley.com/doi/abs/10.1002/smr.525>
1. Romeo Rizzi and **Marco Rospo**cher. Covering partially directed graphs with directed paths. *Discrete Mathematics*, vol. 306(13):1390–1404. Elsevier B.V.. ISSN: 0012-365X (2006)
DOI: 10.1016/j.disc.2006.01.024
URL: <https://www.sciencedirect.com/science/article/pii/S0012365X06001968>

5.3 Book Chapters

5. Frassi, Paolo and Rospo
cher, Marco. Ontologie, locuzioni deboli e legami fra entità terminologiche nell’ambito del progetto DIACOM-fr. In *Risorse e strumenti per l’elaborazione e la diffusione della terminologia in Italia*, pages 138–151. Eurac Research (2022)
DOI: 10.57749/wtfr-y3394. Francesco Corcoglioniti, **Marco Rospo**cher, Roldano Cattoni, Bernardo Magnini, and Luciano Serafini. Managing Large Volumes of Interlinked Text and Knowledge With the Knowledge-Store. In Miltiadis D. Lytras, Naif R Aljohani, Ernesto Damiani, and Kwok Tai Chui (editors), *Innovations, Developments, and Applications of Semantic Web and Information Systems*, chapter 2, pages 32–61. IGI Global. ISBN: 9781522550426; 1522550429; 9781522550433 (2018)
DOI: 10.4018/978-1-5225-5042-6.ch002
URL: <https://www.igi-global.com/gateway/chapter/196434>
3. Alessio Palmero Aprosio, Francesco Corcoglioniti, Mauro Dragoni, and **Marco Rospo**cher. Supervised Opinion Frames Detection with RAID. In Fabien Gandon, Elena Cabrio, Milan Stankovic, and Antoine Zimmermann (editors), *Semantic Web Evaluation Challenges*, pages 251–263. Springer International Publishing. ISBN: 978-3-319-25517-0 (2015)
DOI: 10.1007/978-3-319-25518-7_22
URL: https://link.springer.com/chapter/10.1007/978-3-319-25518-7_22
2. Michael Erdmann, Daniel Hansch, Viktoria Pammer, **Marco Rospo**cher, Chiara Ghidini, Stefanie Lindstaedt, and Luciano Serafini. Applications of Semantic Wikis. In Paul Warren, John Davies, and Elena Simperl (editors), *Context and Semantics for Knowledge Management:*

Technologies for Personal Productivity, chapter 12, pages 229–254. Springer-Verlag. ISBN: 978-3-642-19509-9; 978-3-642-19510-5 (2011)
 DOI: 10.1007/978-3-642-19510-5_12
 URL: http://link.springer.com/content/pdf/10.1007/978-3-642-19510-5_12

1. Claudio Eccher, Antonella Ferro, Andreas Seyfang, **Marco Rospoher**, and Silvia Miksch. Modeling Clinical Protocols Using Semantic MediaWiki: The Case of the Oncocure Project. In David Riaño (editors), *Knowledge Management for Health Care Procedures: ECAI 2008 Workshop, K4Help 2008, Patras, Greece, July 21, 2008, Revised Selected Papers*, pages 42–54. Springer. ISBN: 978-3-642-03261-5 (2008)
 DOI: 10.1007/978-3-642-03262-2_4
 URL: https://link.springer.com/chapter/10.1007/978-3-642-03262-2_4

5.4 Conferences

53. Marco Bombieri, **Marco Rospoher**, Simone Paolo Ponzetto, and Paolo Fiorini. The Robotic Surgery Procedural Framebank. In *Proceedings of the Language Resources and Evaluation Conference*, pages 3950–3959. European Language Resources Association (2022)
 URL: <https://aclanthology.org/2022.lrec-1.420>
52. Shahi Dost, Luciano Serafini, **Marco Rospoher**, Lamberto Ballan, and Alessandro Sperduti. VTKEL: A resource for Visual-Textual-Knowledge Entity Linking. In *Proceedings of the 35th Annual ACM Symposium on Applied Computing*, pages 2021–2028 (2020)
 DOI: 10.1145/3341105.3373958
 URL: <https://dl.acm.org/doi/abs/10.1145/3341105.3373958>
51. Shahi Dost, Luciano Serafini, **Marco Rospoher**, Lamberto Ballan, and Alessandro Sperduti. Jointly Linking Visual and Textual Entity Mentions with Background Knowledge. In Elisabeth Métais, Farid Meziane, Helmut Horacek, and Philipp Cimiano (editors), *Natural Language Processing and Information Systems - 25th International Conference on Applications of Natural Language to Information Systems, NLDB 2020, Saarbrücken, Germany, June 24-26, 2020, Proceedings*, vol. 12089 of *Lecture Notes in Computer Science*, pages 264–276. Springer (2020)
 DOI: 10.1007/978-3-030-51310-8_24
 URL: https://link.springer.com/chapter/10.1007%2F978-3-030-51310-8_24
50. Shahi Dost, Luciano Serafini, **Marco Rospoher**, Lamberto Ballan, and Alessandro Sperduti. On Visual-Textual-Knowledge Entity Linking. In *14th IEEE International Conference on Semantic Computing (IEEE-ICSC)*, pages 190–193 (2020)
 DOI: 10.1109/ICSC.2020.00039
49. Shahi Dost, Luciano Serafini, **Marco Rospoher**, Lamberto Ballan, and Alessandro Sperduti. VT-LINKER: Visual-Textual-Knowledge Entity Linker. In *ECAI 2020: 24th European Conference on Artificial Intelligence*, vol. 325 of *Frontiers in Artificial Intelligence and Applications*, pages 2897–2898. IOS Press (2020)
 DOI: 10.3233/FAIA200442
 URL: <http://ebooks.iospress.nl/volumearticle/55237>
48. Matteo Lorenzini, **Marco Rospoher**, and Sara Tonelli. Computer-Assisted Curation of Digital Cultural Heritage Resources. In *Digital Humanities 2019 (DH2019)* (2019)

47. **Marco Rospo**cher. An Ontology-Driven Probabilistic Soft Logic Approach to Improve NLP Entity Annotations. In Denny Vrandečić, Kalina Bontcheva, Mari Carmen Suárez-Figueroa, Valentina Presutti, Irene Celino, Marta Sabou, Lucie-Aimée Kaffee, and Elena Simperl (editors), *The Semantic Web - ISWC 2018 - 17th International Semantic Web Conference, Monterey, CA, USA, October 8-12, 2018, Proceedings, Part I*, vol. 11136 of *Lecture Notes in Computer Science*, pages 144–161. Springer (2018)
DOI: 10.1007/978-3-030-00671-6_9
URL: https://link.springer.com/chapter/10.1007%2F978-3-030-00671-6_9
46. Mauro Dragoni, **Marco Rospo**cher, Tania Bailoni, Rosa Maimone, and Claudio Eccher. Semantic Technologies for Healthy Lifestyle Monitoring. In Denny Vrandečić, Kalina Bontcheva, Mari Carmen Suárez-Figueroa, Valentina Presutti, Irene Celino, Marta Sabou, Lucie-Aimée Kaffee, and Elena Simperl (editors), *The Semantic Web - ISWC 2018 - 17th International Semantic Web Conference, Monterey, CA, USA, October 8-12, 2018, Proceedings, Part II*, vol. 11137 of *Lecture Notes in Computer Science*, pages 307–324. Springer (2018)
DOI: 10.1007/978-3-030-00668-6_19
URL: https://link.springer.com/chapter/10.1007%2F978-3-030-00668-6_19
45. **Marco Rospo**cher and Francesco Corcoglioniti. Joint Posterior Revision of NLP Annotations via Ontological Knowledge. In *Proceedings of the Twenty-Seventh International Joint Conference on Artificial Intelligence, IJCAI-18*, pages 4316–4322. International Joint Conferences on Artificial Intelligence Organization. ISBN: 978-0-9992411-2-7 (2018)
DOI: 10.24963/ijcai.2018/600
URL: <https://www.ijcai.org/proceedings/2018/600>
44. Stefano Borgo, Loris Bozzato, Alessio Palmero Aprosio, **Marco Rospo**cher, and Luciano Serafini. Towards Integration of Ontology and Text-extracted Data for Event Coreference Reasoning. In *Proceedings of the Symposium on Applied Computing of SAC '17*, pages 353–355. ACM. ISBN: 978-1-4503-4486-9 (2017)
DOI: 10.1145/3019612.3019916
URL: <https://dl.acm.org/citation.cfm?id=3019916>
43. Francesco Corcoglioniti, **Marco Rospo**cher, and Alessio Palmero Aprosio. A 2-phase Frame-based Knowledge Extraction Framework. In *Proceedings of the 31st Annual ACM Symposium on Applied Computing, Pisa, Italy, April 4-8, 2016*, pages 354–361. ACM. ISBN: 978-1-4503-3739-7 (2016)
DOI: 10.1145/2851613.2851845
URL: <https://dl.acm.org/citation.cfm?id=2851845>
42. Roxane Segers, **Marco Rospo**cher, Piek Vossen, Egoitz Laparra, German Rigau, and Anne-Lyse Minard. The Event and Implied Situation Ontology (ESO): Application and Evaluation. In Nicoletta Calzolari, Khalid Choukri, Thierry Declerck, Marko Grobelnik, Bente Maegaard, Joseph Mariani, Asuncion Moreno, Jan Odijk, and Stelios Piperidis (editors), *Proceedings of the Tenth International Conference on Language Resources and Evaluation (LREC 2016)*, pages 1463–1470. European Language Resources Association (ELRA). ISBN: 978-2-9517408-9-1 (2016)
URL: http://www.lrec-conf.org/proceedings/lrec2016/pdf/722_Paper.pdf
41. Francesco Corcoglioniti, **Marco Rospo**cher, Alessio Palmero Aprosio, and Sara Tonelli. Pre-MOn: a Lemon Extension for Exposing Predicate Models as Linked Data. In Nicoletta Calzolari, Khalid Choukri, Thierry Declerck, Marko Grobelnik, Bente Maegaard, Joseph Mariani, Asuncion Moreno, Jan Odijk, and Stelios Piperidis (editors), *Proceedings of the Tenth International*

Conference on Language Resources and Evaluation (LREC 2016), pages 877–884. European Language Resources Association (ELRA). ISBN: 978-2-9517408-9-1 (2016)
URL: <http://www.lrec-conf.org/proceedings/lrec2016/pdf/854.Paper.pdf>

40. Roxane Segers, Egoitz Laparra, **Marco Rospoche**r, Piek Vossen, German Rigau, and Filip Ilievski. The Predicate Matrix and the Event and Implied Situation Ontology: Making More of Events. In *Proceedings of the Eighth Global WordNet Conference (Bucharest, Romania, January 27-30, 2016)*, pages 360–368. ISBN: 978-973-0-20728-6 (2016)
URL: <http://gwc2016.racai.ro/proceedings.html>
39. Francesco Corcoglioniti, Mauro Dragoni, **Marco Rospoche**r, and Alessio Palmero Aprosio. Knowledge Extraction for Information Retrieval. In Harald Sack, Eva Blomqvist, Mathieu d’Aquin, Chiara Ghidini, Simone Paolo Ponzetto, and Christoph Lange (editors), *The Semantic Web. Latest Advances and New Domains - 13th International Conference, ESWC 2016, Heraklion, Crete, Greece, May 29 - June 2, 2016, Proceedings*, vol. 9678 of *Lecture Notes in Computer Science*, pages 317–333. Springer. ISBN: 978-3-319-34128-6, 978-3-319-34129-3 (2016)
DOI: 10.1007/978-3-319-34129-3_20
URL: https://link.springer.com/chapter/10.1007/978-3-319-34129-3_20
38. Giulio Petrucci, Chiara Ghidini, and **Marco Rospoche**r. Ontology Learning in the Deep. In Eva Blomqvist, Paolo Ciancarini, Francesco Poggi, and Fabio Vitali (editors), *Knowledge Engineering and Knowledge Management - 20th International Conference, EKAW 2016, Bologna, Italy, November 19-23, 2016, Proceedings*, vol. 10024 of *Lecture Notes in Computer Science*, pages 480–495. ISBN: 978-3-319-49003-8, 978-3-319-49004-5 (2016)
DOI: 10.1007/978-3-319-49004-5_31
URL: https://link.springer.com/chapter/10.1007/978-3-319-49004-5_31
37. Francesco Corcoglioniti, **Marco Rospoche**r, Michele Mostarda, and Marco Amadori. Processing Billions of RDF Triples on a Single Machine using Streaming and Sorting. In *Proceedings of the 30th Annual ACM Symposium on Applied Computing of SAC ’15*, pages 368–375. ACM. ISBN: 978-1-4503-3196-8 (2015)
DOI: 10.1145/2695664.2695720
URL: <http://dl.acm.org/citation.cfm?doid=2695664.2695720>
36. Francesco Corcoglioniti, Alessio Palmero Aprosio, and **Marco Rospoche**r. Demonstrating the Power of Streaming and Sorting for Non-distributed RDF Processing: RDFpro. In *Proceedings of the ISWC 2015 Posters & Demonstrations Track co-located with the 14th International Semantic Web Conference (ISWC-2015)*, vol. 1486 of *CEUR Proceedings*. CEUR-WS.org. ISSN: 1613-0073 (2015)
URL: http://ceur-ws.org/Vol-1486/paper_52.pdf
35. Francesco Corcoglioniti, **Marco Rospoche**r, and Alessio Palmero Aprosio. Extracting Knowledge from Text with PIKES. In *Proceedings of the ISWC 2015 Posters & Demonstrations Track co-located with the 14th International Semantic Web Conference (ISWC-2015)*, vol. 1486 of *CEUR Proceedings*. CEUR-WS.org. ISSN: 1613-0073 (2015)
URL: http://ceur-ws.org/Vol-1486/paper_66.pdf
34. Loris Bozzato, Stefano Borgo, Alessio Palmero Aprosio, **Marco Rospoche**r, and Luciano Serafini. A Contextual Framework for Reasoning on Events. In *Convegno Italiano di Logica Computazionale 2015 - CILC2015 Proceedings* (2015)

33. **Marco Rospoche**r, Tania Tudorache, and Mark A. Musen. Investigating Collaboration Dynamics in Different Ontology Development Environments. In Robert Buchmann, Claudiu Vasile Kifor, and Jian Yu (editors), *Knowledge Science, Engineering and Management - 7th International Conference, KSEM 2014, Sibiu, Romania, October 16-18, 2014. Proceedings*, vol. 8793 of *Lecture Notes in Computer Science*, pages 302–313. Springer. ISBN: 978-3-319-12095-9; 978-3-319-12096-6 (2014)
DOI: 10.1007/978-3-319-12096-6_27
URL: https://link.springer.com/chapter/10.1007/978-3-319-12096-6_27
32. Sofia Cramerotti, Marco Buccio, Giampiero Vaschetto, **Marco Rospoche**r, Luciano Serafini, Elena Cardillo, and Ivan Donadello. ePlanning: an Ontology-based System for Building Individualized Education Plans for Students with Special Educational Needs. In *Proceedings of the Industry Track at the International Semantic Web Conference 2014 (ISWC 2014), Riva del Garda, Italy, October 19-23, 2014*, vol. 1383 of *CEUR Proceedings*. CEUR-WS.org. ISSN: 1613-0073 (2014)
URL: <http://ceur-ws.org/Vol-1383/paper7.pdf>
31. Matteo Matassoni, **Marco Rospoche**r, Mauro Dragoni, and Paolo Bouquet. TeX-OWL: a Latex-Style Syntax for authoring OWL 2 ontologies. In *ISWC 2014 Posters & Demonstrations Track, within the 13th International Semantic Web Conference (ISWC 2014), Riva del Garda, Italy, October 21, 2014*, vol. 1272 of *CEUR Proceedings*, pages 357–360. CEUR-WS.org. ISSN: 1613-0073 (2014)
URL: http://ceur-ws.org/Vol-1272/paper_96.pdf
30. **Marco Rospoche**r, Francesco Corcoglioniti, Roldano Cattoni, Bernardo Magnini, and Luciano Serafini. Integrating NLP and SW with the KnowledgeStore. In *ISWC 2014 Posters & Demonstrations Track, within the 13th International Semantic Web Conference (ISWC 2014), Riva del Garda, Italy, October 21, 2014*, vol. 1272 of *CEUR Proceedings*, pages 69–72. CEUR-WS.org. ISSN: 1613-0073 (2014)
URL: http://ceur-ws.org/Vol-1272/paper_56.pdf
29. **Marco Rospoche**r. An ontology for personalized environmental decision support. In Pawel Garbacz and Oliver Kutz (editors), *Formal Ontology in Information Systems - Proceedings of the Eighth International Conference, FOIS2014, September, 22-25, 2014, Rio de Janeiro, Brazil*, vol. 267, pages 421–426. IOS Press. ISBN: 978-1-61499-437-4; 978-1-61499-438-1 (2014)
Runner-up Prize at the FOIS2014 Ontology Competition
DOI: 10.3233/978-1-61499-438-1-421
URL: <http://ebooks.iospress.nl/publication/37989>
28. **Marco Rospoche**r, Chiara Ghidini, and Luciano Serafini. An ontology for the Business Process Modelling Notation. In Pawel Garbacz and Oliver Kutz (editors), *Formal Ontology in Information Systems - Proceedings of the Eighth International Conference, FOIS2014, September, 22-25, 2014, Rio de Janeiro, Brazil*, vol. 267, pages 133–146. IOS Press. ISBN: 978-1-61499-437-4; 978-1-61499-438-1 (2014)
DOI: 10.3233/978-1-61499-438-1-133
URL: <http://ebooks.iospress.nl/publication/37963>
27. **Marco Rospoche**r, Francesco Corcoglioniti, Roldano Cattoni, Bernardo Magnini, and Luciano Serafini. Integrating Unstructured and Structured Knowledge with the KnowledgeStore. In *Knowledge Engineering and Knowledge Management - EKAW 2014 Satellite Events, VISUAL*,

- EKM1, and ARCOE-Logic, Linköping, Sweden, November 24-28, 2014. Revised Selected Papers. (Demo)*, vol. 8982 of *Lecture Notes in Computer Science*, pages 177–181. Springer. ISBN: 978-3-319-17965-0; 978-3-319-17966-7 (2014)
DOI: 10.1007/978-3-319-17966-7_26
URL: http://link.springer.com/chapter/10.1007/978-3-319-17966-7_26
26. **Marco Rospoche**r, Elena Cardillo, Ivan Donadello, and Luciano Serafini. On the Collaborative Development of Application Ontologies: A Practical Case Study with a SME. In Krzysztof Janowicz, Stefan Schlobach, Patrick Lambrix, and Eero Hyvönen (editors), *Knowledge Engineering and Knowledge Management - Proceedings of the 19th International Conference, EKAW 2014, Linköping, Sweden, November 24-28, 2014*, vol. 8876 of *Lecture Notes in Computer Science*, pages 469–484. Springer International Publishing. ISBN: 978-3-319-13703-2 (2014)
DOI: 10.1007/978-3-319-13704-9_36
URL: https://link.springer.com/chapter/10.1007/978-3-319-13704-9_36
 25. Chiara Di Francescomarino, **Marco Rospoche**r, Chiara Ghidini, and Andrea Valerio. The Role of Semantic Annotations in Business Process Modelling. In *18th IEEE International Enterprise Computing Conference (EDOC 2014), 1-5 September 2014, Ulm, Germany*, pages 181–189. IEEE. ISSN: 1541-7719. ISBN: 978-1-4799-5470-4 (2014)
Best Research Paper Award
DOI: 10.1109/EDOC.2014.33
URL: <https://ieeexplore.ieee.org/document/6972066>
 24. Francesco Corcoglioniti, **Marco Rospoche**r, Roldano Cattoni, Bernardo Magnini, and Luciano Serafini. Interlinking Unstructured and Structured Knowledge in an Integrated Framework. In *7th IEEE International Conference on Semantic Computing (ICSC), Irvine, CA, USA*, pages 40–47. IEEE. ISBN: 978-0-7695-5119-7 (2013)
DOI: 10.1109/ICSC.2013.17
URL: <https://ieeexplore.ieee.org/document/6693492/>
 23. Nadjet Bouayad-Agha, Gerard Casamayor, Simon Mille, **Marco Rospoche**r, Horacio Saggion, Luciano Serafini, and Leo Wanner. From Ontology to NL: Generation of Multilingual User-Oriented Environmental Reports. In *Natural Language Processing and Information Systems: Proceedings of 17th International conference on Applications of Natural Language Processing to Information Systems (NLDB 2012), 26-28 June 2012, Groningen, The Netherlands*, vol. 7337, pages 216–221. Springer Berlin Heidelberg. ISBN: 978-3-642-31177-2; 978-3-642-31178-9 (2012)
DOI: 10.1007/978-3-642-31178-9_24
URL: http://link.springer.com/chapter/10.1007/978-3-642-31178-9_24
 22. **Marco Rospoche**r and Luciano Serafini. An Ontological Framework for Decision Support. In *2nd Joint International Semantic Technology Conference (JIST2012), Dec 2 - 4, 2012, Nara, Japan*, vol. 7774 of *Lecture Notes in Computer Science*, pages 239–254. ISBN: 978-3-642-37995-6; 978-3-642-37996-3 (2012)
DOI: 10.1007/978-3-642-37996-3_16
URL: http://link.springer.com/chapter/10.1007/978-3-642-37996-3_16
 21. Leo Wanner, **Marco Rospoche**r, Stefanos Vrochidis, Harald Bosch, Nadjet Bouayad-Agha, Ulrich Bügel, Gerard Casamayor, Thomas Ertl, Désirée Hilbring, Ari Karppinen, Ioannis Kompatsiaris, Tarja Koskentalo, Simon Mille, Jürgen Moßgraber, Anastasia Moutmtzidou, Maria Myllynen, Emanuele Pianta, Horacio Saggion, Luciano Serafini, Virpi Tarvainen, and Sara Tonelli.

- Personalized Environmental Service Configuration and Delivery Orchestration: The PESCaDO Demonstrator. In Elena Simperl, Barry Norton, Dunja Mladenec, Emanuele Della Valle, Irini Fundulaki, Alexandre Passant, and Raphaël Troncy (editors), *The Semantic Web: ESWC 2012 Satellite Events - ESWC 2012 Satellite Events, Heraklion, Crete, Greece, May 27-31, 2012. Revised Selected Papers*, vol. 7540 of *Lecture Notes in Computer Science*, pages 435–440. Springer. ISBN: 978-3-662-46640-7; 978-3-662-46641-4 (2012)
DOI: 10.1007/978-3-662-46641-4_41
URL: https://link.springer.com/chapter/10.1007/978-3-662-46641-4_41
20. Chiara Di Francescomarino, Mauro Dragoni, Matteo Gerosa, Chiara Ghidini, **Marco Rospoche**r, and Michele Trainotti. Achieving Interoperability Through Semantic Technologies in the Public Administration. In *The Semantic Web: Research and Applications: The Extended Semantic Web Conference 2012 - ESWC2012*, vol. 7295 of *Lecture Notes in Computer Science*, pages 793–807. Springer Berlin Heidelberg. ISBN: 978-3-642-30283-1; 978-3-642-30284-8 (2012)
DOI: 10.1007/978-3-642-30284-8_60
URL: http://link.springer.com/chapter/10.1007/978-3-642-30284-8_60
 19. Nadjet Bouayad-Agha, Gerard Casamayor, Simon Mille, **Marco Rospoche**r, Horacio Saggion, Luciano Serafini, and Leo Wanner. Generation of Multilingual Personalized Environmental Bulletins from an OWL-based Ontology. In *Man - environment - Bauhaus. Light up the ideas of environmental Informatics : proceedings of the 26th International Conference on Informatics - Informatics for Environmental Protection, Sustainable Development and Risk Management, August 29 - 31, 2012, Umweltbundesamt Dessau, Germany / EnviroInfo 2012, 26th International Conference on Informatics for Environmental Protection*, pages 481–489. Shaker Verlag GmbH (2012)
 18. Chiara Ghidini, **Marco Rospoche**r, and Luciano Serafini. Conceptual Modeling in Wikis: a Reference Architecture and a Tool. In *The Fourth International Conference on Information, Process, and Knowledge Management (eKNOW2012), Valencia, Spain*, pages 128–135. ISSN: 2308-4375. ISBN: 978-1-61208-181-6 (2012)
URL: http://www.thinkmind.org/index.php?view=article&articleid=eknow_2012_6_10_60015
 17. **Marco Rospoche**r, Sara Tonelli, Luciano Serafini, and Emanuele Pianta. Key-concept Extraction for Ontology Engineering. In *Knowledge Engineering and Knowledge Management: 18th International Conference on Knowledge Engineering and Knowledge Management - EKAW 2012, Galway, Ireland, 2012*, vol. 7603 of *Lecture Notes in Computer Science*, pages 413–416. Springer Berlin Heidelberg. ISBN: 978-3-642-33875-5; 978-3-642-33876-2 (2012)
DOI: 10.1007/978-3-642-33876-2_36
URL: https://link.springer.com/chapter/10.1007/978-3-642-33876-2_36
 16. Chiara Di Francescomarino, Chiara Ghidini, and **Marco Rospoche**r. Evaluating wiki-enhanced ontology authoring. In *Knowledge Engineering and Knowledge Management: The 18th International Conference on Knowledge Engineering and Knowledge Management - EKAW2012, Galway, Ireland*, vol. 7603 of *Lecture Notes in Computer Science*, pages 292–301. Springer Berlin Heidelberg. ISBN: 978-3-642-33875-5; 978-3-642-33876-2 (2012)
DOI: 10.1007/978-3-642-33876-2_26
URL: https://link.springer.com/chapter/10.1007/978-3-642-33876-2_26
 15. Cristiano Casagni, Chiara Di Francescomarino, Mauro Dragoni, Licia Fiorentini, Luca Franci, Matteo Gerosa, Chiara Ghidini, Federica Rizzoli, **Marco Rospoche**r, Anna Rovella, Luciano

- Serafini, Stefania Sparaco, and Alessandro Tabarroni. Wiki-Based Conceptual Modeling: An Experience with the Public Administration. In *The Semantic Web - ISWC 2011: 10th International Semantic Web Conference, Bonn, Germany, October 23-27, 2011, Proceedings, Part II*, vol. 7032 of *Lecture Notes in Computer Science*, pages 17–32. Springer Berlin / Heidelberg. ISBN: 978-3-642-25092-7; 978-3-642-25093-4 (2011)
DOI: 10.1007/978-3-642-25093-4_2
URL: http://link.springer.com/chapter/10.1007/978-3-642-25093-4_2
14. Leo Wanner, Stefanos Vrochidis, Sara Tonelli, Jürgen Moßgraber, Harald Bosch, Ari Karppinen, Maria Myllynen, **Marco Rospoche**r, Nadjet Bouayad-Agha, Ulrich Bügel, Gerard Casamayor, Thomas Ertl, Ioannis Kompatsiaris, Tarja Koskentalo, Simon Mille, Anastasia Mourtzidou, Emanuele Pianta, Horacio Saggion, Luciano Serafini, and Virpi Tarvainen. Building an Environmental Information System for Personalized Content Delivery. In *Proceedings of the 9th IFIP WG 5.11 International Symposium on Environmental Software Systems - Frameworks of eEnvironment (ISESS 2011), Brno, Czech Republic, June 27-29, 2011*, vol. 359 of *IFIP Advances In Information And Communication Technology*, pages 169–176. Springer. ISBN: 978-3-642-22284-9; 978-3-642-22285-6 (2011)
DOI: 10.1007/978-3-642-22285-6_19
URL: http://link.springer.com/chapter/10.1007/978-3-642-22285-6_19
 13. Sara Tonelli, **Marco Rospoche**r, Emanuele Pianta, and Luciano Serafini. Boosting collaborative ontology building with key-concept extraction. In *Proceedings of 5th IEEE International Conference on Semantic Computing ICSC2011 (September 18-21, 2011 - Palo Alto, CA, USA)*, pages 316–319. IEEE. ISBN: 978-0-7695-4492-2 (2011)
DOI: 10.1109/ICSC.2011.21
URL: <https://ieeexplore.ieee.org/document/6061480/>
 12. Di Francescomarino, C., Ghidini, C., Rospoche
 11. Chiara Ghidini, **Marco Rospoche**r, and Luciano Serafini. MoKi: a Wiki-Based Conceptual Modeling Tool. In *ISWC 2010 Posters & Demonstrations Track: Collected Abstracts*, vol. 658 of *CEUR Proceedings*, pages 77–80. CEUR-WS.org. ISSN: 1613-0073 (2010)
URL: <http://ceur-ws.org/Vol-658/paper456.pdf>
 10. Chiara Ghidini, **Marco Rospoche**r, and Luciano Serafini. MoKi: a Wiki-Based Conceptual Modeling Tool. In *Proceedings of the EKAW2010 Poster and Demo Track*, vol. 674 of *CEUR Proceedings*. CEUR-WS.org. ISSN: 1613-0073 (2010)
URL: <http://ceur-ws.org/Vol-674/Paper56.pdf>
 9. Viktoria Pammer, Stefanie Lindstaedt, Chiara Ghidini, **Marco Rospoche**r, and Luciano Serafini. Automatic Support for Formative Ontology Evaluation. In *Proceedings of the EKAW2010 Poster and Demo Track*, vol. 674 of *CEUR Proceedings*. CEUR-WS.org. ISSN: 1613-0073 (2010)
URL: <http://ceur-ws.org/Vol-674/Paper45.pdf>
 8. **Marco Rospoche**r, Claudio Eccher, Chiara Ghidini, Rakebul Hasan, Andreas Seyfang, Antonella Ferro, and Silvia Miksch. Collaborative Encoding of Asbru Clinical Protocols. In

Electronic Healthcare (eHealth2010 - 3rd International ICST Conference on Electronic Healthcare for the 21st century, 13-15 December 2010 - Casablanca, Morocco), vol. 69 of *Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering*, pages 135–143. Springer Berlin Heidelberg. ISBN: 978-3-642-23634-1; 978-3-642-23635-8 (2012)
DOI: 10.1007/978-3-642-23635-8_17
URL: http://link.springer.com/chapter/10.1007/978-3-642-23635-8_17

7. Chiara Di Francescomarino, Chiara Ghidini, **Marco Rospo**cher, Luciano Serafini, and Paolo Tonella. Semantically-aided business process modeling. In *The Semantic Web - ISWC 2009: 8th International Semantic Web Conference, ISWC 2009, Chantilly, VA, USA, October 25-29, 2009. Proceedings*, vol. 5823 of *Lecture Notes in Computer Science*, pages 114–129. Springer Berlin Heidelberg. ISBN: 978-3-642-04929-3; 978-3-642-04930-9 (2009)
DOI: 10.1007/978-3-642-04930-9_8
URL: http://link.springer.com/chapter/10.1007/978-3-642-04930-9_8
6. Viktoria Pammer, Barbara Kump, Chiara Ghidini, **Marco Rospo**cher, Luciano Serafini, and Stefanie Lindstaedt. Revision Support for Modeling Tasks, Topics and Skills. In *5th International Conference on Semantic Systems (I-SEMANTICS '09)*, pages 501–508. Verlag der Technischen Universität Graz (2009)
5. Chiara Ghidini, Barbara Kump, Stefanie Lindstaedt, Nahid Mahbub, Viktoria Pammer, **Marco Rospo**cher, and Luciano Serafini. MoKi: The Enterprise Modelling Wiki. In *The Semantic Web: Research and Applications: 6th European Semantic Web Conference, ESWC 2009 Heraklion, Crete, Greece, May 31–June 4, 2009 Proceedings*, vol. 5554 of *Lecture Notes in Computer Science*, pages 831–835. Springer. ISBN: 978-3-642-02120-6; 978-3-642-02121-3 (2009)
DOI: 10.1007/978-3-642-02121-3_65
URL: https://link.springer.com/chapter/10.1007/978-3-642-02121-3_65
4. Conny Christl, Chiara Ghidini, Joanna Guss, Viktoria Pammer, Stefanie Lindstaedt, **Marco Rospo**cher, Peter Scheir, and Luciano Serafini. Deploying semantic web technologies for work integrated learning in industry. A comparison: SME vs. large sized company. In *The Semantic Web - ISWC 2008: 7th International Semantic Web Conference, ISWC 2008, Karlsruhe, Germany, October 26-30, 2008. Proceedings*, vol. 5318 of *Lecture Notes in Computer Science*, pages 709–722. Springer Berlin Heidelberg. ISBN: 978-3-540-89647-0; 978-3-540-89652-4 (2008)
Recognized with the honorable mention award at the In Use Track
DOI: 10.1007/978-3-540-88564-1_45
URL: http://link.springer.com/chapter/10.1007/978-3-540-88564-1_45
3. Chiara Ghidini, **Marco Rospo**cher, Luciano Serafini, Barbara Kump, Viktoria Pammer, Andreas Faatz, Andreas Zinnen, Joanna Guss, and Stefanie Lindstaedt. Collaborative Knowledge Engineering via Semantic MediaWiki. In *International Conference on Semantic Systems (I-SEMANTICS '08)*, pages 134–142. Verlag der Technischen Universität Graz. ISSN: 0948-695x; 0948-6968 (2008)
URL: <https://www.econstor.eu/handle/10419/44444>
2. Chiara Di Francescomarino, Chiara Ghidini, **Marco Rospo**cher, Luciano Serafini, and Paolo Tonella. Reasoning on Semantically Annotated Processes. In *Service-Oriented Computing – IC-SOC 2008: 6th International Conference, Sydney, Australia, December 1-5, 2008. Proceedings*, vol. 5364 of *Lecture Notes in Computer Science*, pages 132–146. Springer Berlin Heidelberg. ISBN: 978-3-540-88563-4; 978-3-540-88564-1 (2008)

DOI: 10.1007/978-3-540-89652-4_13

URL: http://link.springer.com/chapter/10.1007/978-3-540-89652-4_13

1. Chiara Ghidini, **Marco Rospo**cher, Luciano Serafini, Andreas Faatz, Barbara Kump, Tobias Ley, Viktoria Pammer, and Stefanie Lindstaedt. Collaborative enterprise integrated modelling. In *The 16th International Conference on Knowledge Engineering and Knowledge Management Knowledge Patterns (EKAW 2008)*, pages 40–42 (2008)
URL: <http://ekaw2008.inrialpes.fr/EKAW2008PosterDemoProceedings.pdf>

5.5 Workshops

21. Antske Fokkens, Piek Vossen, **Marco Rospo**cher, Rinke Hoekstra, and Willem R. van Hage. GRaSP: Grounded Representation and Source Perspective. In *Proceedings of the Workshop Knowledge Resources for the Socio-Economic Sciences and Humanities associated with RANLP 2017*, pages 19–25. INCOMA Inc. (2017)
DOI: 10.26615/978-954-452-040-3_003
URL: <https://aclanthology.info/papers/W17-7803/w17-7803>
20. Greta Adamo, Stefano Borgo, Chiara Di Francescomarino, Chiara Ghidini, and **Marco Rospo**cher. BPMN 2.0 Choreography Language: Interface or business contract?. In *Proceedings of 8th International Workshop on Formal Ontologies meet Industry (FOMI)*, vol. 2050 of *CEUR Proceedings*. CEUR-WS.org. ISSN: 1613-0073 (2017)
URL: http://ceur-ws.org/Vol-2050/FOMI_paper_2.pdf
19. Chiara Di Francescomarino, Chiara Ghidini, and **Marco Rospo**cher. Evaluating Wiki Collaborative Features in Ontology Authoring (Extended abstract). In Jan Mendling and Stefanie Rinderle-Ma (editors), *Proceedings of the 7th International Workshop on Enterprise Modeling and Information Systems Architectures (EMISA 2016)*, vol. 1701 of *CEUR Proceedings*. CEUR-WS.org. ISSN: 1613-0073 (2016)
URL: <http://ceur-ws.org/Vol-1701/paper12.pdf>
18. Marieke Van Erp, Filip Ilievski, **Marco Rospo**cher, and Piek Vossen. Missing Mr. Brown and buying an Abraham Lincoln – Dark Entities and DBpedia. In *The Third NLP&DBpedia workshop*, vol. 1581 of *CEUR Proceedings*, pages 81–86. CEUR-WS.org. ISSN: 1613-0073 (2015)
URL: <http://ceur-ws.org/Vol-1581/paper8.pdf>
17. Roxane Segers, Piek Vossen, **Marco Rospo**cher, Luciano Serafini, Egoitz Laparra, and German Rigau. ESO: a Frame based Ontology for Events and Implied Situations. In *Proceedings of the MAPLEX 2015 Workshop* (2015)
16. Stefano Borgo, Loris Bozzato, Alessio Palmero Arosio, **Marco Rospo**cher, and Luciano Serafini. A Contextual Framework for Reasoning on Events. In *DeRiVE2015 Workshop Proceedings*, vol. 1363 of *CEUR Proceedings*, pages 47–57. CEUR-WS.org. ISSN: 1613-0073 (2015)
URL: http://ceur-ws.org/Vol-1363/paper_6.pdf
15. Matteo Matassoni, **Marco Rospo**cher, Mauro Dragoni, and Paolo Bouquet. Authoring OWL2 ontologies with the TeX-OWL syntax. In *OWLED 2014 - OWL: Experiences and Directions Workshop 2014*, vol. 1265 of *CEUR Proceedings*, pages 133–138. CEUR-WS.org. ISSN: 1613-0073 (2014)
URL: http://ceur-ws.org/Vol-1265/owled2014_submission_8.pdf

14. Ian Hopkinson, Steve Maude, and **Marco Rospoche**r. A Simple API to the KnowledgeStore. In *Proc. of ISWC Developers Workshop colocated with 13th Int. Semantic Web Conference (ISWC'14), Riva del Garda, Italy*, vol. 1268 of *CEUR Proceedings*, pages 7–12. CEUR-WS.org. ISSN: 1613-0073 (2014)
URL: <http://ceur-ws.org/Vol-1268/paper2.pdf>
13. Francesco Corcoglioniti, **Marco Rospoche**r, Marco Amadori, and Michele Mostarda. RDFpro: an Extensible Tool for Building Stream-Oriented RDF Processing Pipelines. In *Proc. of ISWC Developers Workshop colocated with 13th Int. Semantic Web Conference (ISWC'14), Riva del Garda, Italy*, vol. 1268 of *CEUR Proceedings*, pages 49–64. CEUR-WS.org. ISSN: 1613-0073 (2014)
URL: <http://ceur-ws.org/Vol-1268/paper9.pdf>
12. Daniil Mirylenka, **Marco Rospoche**r, Ivan Donadello, Elena Cardillo, and Luciano Serafini. Exploring an ontology via text similarity: an experimental study. In *Workshop on Intelligent Exploration of Semantic Data (IESD2014), co-located with ISWC2014*, vol. 1279 of *CEUR Proceedings*. CEUR-WS.org. ISSN: 1613-0073 (2014)
URL: http://ceur-ws.org/Vol-1279/iesd14_3.pdf
11. Jürgen Moßgraber and **Marco Rospoche**r. Ontology Management in a Service-oriented Architecture. In *11th International Workshop on Web Semantics and Information Processing (WebS2012)*, pages 289–293. IEEE. ISSN: 2378-3915; 1529-4188. ISBN: 978-1-4673-2621-6 (2012)
DOI: 10.1109/DEXA.2012.28
URL: <https://ieeexplore.ieee.org/document/6327441/>
10. **Marco Rospoche**r and Luciano Serafini. Ontology-centric decision support. In *International Workshop on Semantic Technologies meet Recommender Systems & Big Data (SeRSy 2012), co-located with ISWC2012*, vol. 919 of *CEUR Proceedings*, pages 61–72. CEUR-WS.org. ISSN: 1613-0073 (2012)
URL: <http://ceur-ws.org/Vol-919/paper6.pdf>
9. Leo Wanner, Stefanos Vrochidis, **Marco Rospoche**r, Jürgen Moßgraber, Harald Bosch, Ari Karppinen, Maria Myllynen, Sara Tonelli, Nadjat Bouayad-Agha, Ulrich Bügel, Gerard Casamayor, Thomas Ert, Desiree Hilbring, Kostas Karatzas, Ioannis Kompatsiaris, Tarja Koskentalo, Simon Mille, Anastasia Moumtzidou, Emanuele Pianta, Horacio Saggion, Luciano Serafini, and and Virpi Tarvainen. Personalized environmental service orchestration for quality life improvement. In *Artificial Intelligence Applications and Innovations: The 3rd Intelligent Systems for Quality of Life information Services Workshop - ISQL 2012*, vol. 382, pages 351–360. Springer Berlin Heidelberg. ISBN: 978-3-642-33411-5; 978-3-642-33412-2 (2012)
DOI: 10.1007/978-3-642-33412-2_36
URL: http://link.springer.com/chapter/10.1007/978-3-642-33412-2_36
8. Chiara Di Francescomarino, Chiara Ghidini, **Marco Rospoche**r, Luciano Serafini, and Paolo Tonella. Semantically-aided business process modeling. In *6th Workshop on Semantic Web Applications and Perspectives - Bressanone, Italy- Sep. 21-22, 2010* (2010)
7. Leo Wanner, Harald Bosch, Nadjat Bouayad-Agha, Ulrich Bügel, Gerard Casamayor, Thomas Ertl, Ari Karppinen, Ioannis Kompatsiaris, Tarja Koskentalo, Simon Mille, Jürgen Moßgraber, Anastasia Moumtzidou, Maria Myllynen, Emanuele Pianta, **Marco Rospoche**r, Horacio Saggion, Luciano Serafini, Virpi Tarvainen, Sara Tonelli, Thomas Usländer, and Stefanos Vrochidis.

- Service-Based Infrastructure for User-Oriented Environmental Information Delivery. In *Proceedings of the Workshop on Environmental Information Systems and Services - Infrastructures and Platforms*, vol. 679 of *CEUR Proceedings*. CEUR-WS.org. ISSN: 1613-0073 (2010)
URL: <http://ceur-ws.org/Vol-679/paper1.pdf>
6. **Marco Rospo**cher, Chiara Ghidini, Viktoria Pammer, Luciano Serafini, and Stefanie Lindstaedt. MoKi: the Modelling wiKi. In *SemWiki2009 - Fourth Workshop on Semantic Wikis*, vol. 464 of *CEUR Proceedings*, pages 113–127. CEUR-WS.org. ISSN: 1613-0073 (2009)
URL: <http://ceur-ws.org/Vol-464/paper-01.pdf>
 5. **Marco Rospo**cher, Claudio Eccher, Chiara Ghidini, Rakebul Hasan, Andreas Seyfang, Antonella Ferro, and Silvia Miksch. CliP-MoKi: A collaborative tool for encoding Asbru Clinical Protocols. In *Workshop on Knowledge Representation for Health-Care: Patient Data, Processes and Guidelines (Demo)* (2009)
 4. Chiara Ghidini, Barbara Kump, Stefanie Lindstaedt, Nahid Mahbub, Viktoria Pammer, **Marco Rospo**cher, and Luciano Serafini. MoKi: A Collaborative Enterprise Modelling Tool. In *Workshop on Collaborative Construction, Management and Linking of Structured Knowledge (CK2009) - co-located with the 8th International Semantic Web Conference ISWC-2009*, vol. 514 of *CEUR Proceedings*. CEUR-WS.org. ISSN: 1613-0073 (2009)
URL: <http://CEUR-WS.org/Vol-514/paper8.pdf>
 3. **Marco Rospo**cher, Chiara Di Francescomarino, Chiara Ghidini, Luciano Serafini, and Paolo Tonella. Collaborative Specification of Semantically Annotated Business Processes. In *Business Process Management Workshops: BPM 2009 International Workshops, Ulm, Germany, September 7, 2009. Revised Papers*, vol. 43 of *Lecture Notes in Business Information Processing*, pages 305–317. Springer (2009)
DOI: 10.1007/978-3-642-12186-9_29
URL: https://link.springer.com/chapter/10.1007/978-3-642-12186-9_29
 2. **Marco Rospo**cher, Chiara Ghidini, Luciano Serafini, Barbara Kump, Viktoria Pammer, Stefanie N. Lindstaedt, Andreas Faatz, and Tobias Ley. Collaborative Enterprise Integrated Modelling. In Aldo Gangemi, Johannes Keizer, Valentina Presutti, and Heiko Stoermer (editors), *Proceedings of the 5th Workshop on Semantic Web Applications and Perspectives (SWAP2008), Rome, Italy, December 15-17, 2008*, vol. 426 of *CEUR Proceedings*. CEUR-WS.org. ISSN: 1613-0073 (2008)
URL: http://ceur-ws.org/Vol-426/swap2008_submission_62.pdf
 1. Claudio Eccher, **Marco Rospo**cher, Andreas Seyfang, Antonella Ferro, and Silvia Miksch. Modeling clinical protocols using semantic MediaWiki: the case of the Oncocure project. In *ECAI 2008 Workshop on the Knowledge Management for Healthcare Processes (K4Help)*, pages 20–24. University of Patras (2008)

5.6 Edited Works

10. Special Track on Knowledge and Natural Language Processing (Editorial). *Proceedings of the 37th ACM/SIGAPP Symposium on Applied Computing of SAC '22*. Association for Computing Machinery. ISBN: 9781450387132 (2022)
DOI: 10.1145/3535434
URL: <https://doi.org/10.1145/3535434>

9. Mauro Dragoni and **Marco Rospo**cher. Special Track on Knowledge and Language Processing (Editorial). *Proceedings of the 36th Annual ACM Symposium on Applied Computing (SAC 2021), Virtual, Online, 22 March 2021 - 26 March 2021*. ACM (2021)
DOI: 10.1145/3462420
8. Mauro Dragoni and **Marco Rospo**cher. Special Track on Knowledge and Language Processing (Editorial). *Proceedings of the 35th Annual ACM Symposium on Applied Computing (SAC 2020), Brno, Czech Republic, March 30-April 3, 2020*. ACM (2020)
DOI: 10.1145/3389659
7. Mauro Dragoni and **Marco Rospo**cher. Special Track on Knowledge and Language Processing (Editorial). *Proceedings of the 34th Annual ACM Symposium on Applied Computing (SAC 2019), Limassol, Cyprus, 8-12 April 2019*. ACM. ISBN: 978-1-4503-5933-7 (2019)
DOI: 10.1145/3329375
URL: <https://dl.acm.org/citation.cfm?id=3329375>
6. Mauro Dragoni and **Marco Rospo**cher. Applied cognitive computing: challenges, approaches, and real-world experiences. *Progress in Artificial Intelligence* Vol. 7. ISSN: 2192-6360 (2018)
DOI: 10.1007/s13748-018-0166-4
URL: <https://link.springer.com/article/10.1007/s13748-018-0166-4>
5. Mauro Dragoni and **Marco Rospo**cher. Special Track on Cognitive Computing (Editorial). *Proceedings of the 33rd Annual ACM Symposium on Applied Computing (SAC 2018), Pau, France, 9-13 April 2018*. ACM. ISBN: 978-145035191-1 (2018)
DOI: 10.1145/3258634
URL: <https://dl.acm.org/citation.cfm?id=3258634>
4. **Marco Rospo**cher, Luciano Serafini, and Sara Tonelli. Proceedings of the AI*IA 2018 Doctoral Consortium. Vol. 2249 of *AI*IA Proceedings*. CEUR-WS.org. ISSN: 1613-0073 (2018)
URL: <http://ceur-ws.org/Vol-2249/>
3. Mauro Dragoni and **Marco Rospo**cher. Special Track on Cognitive Computing (Editorial). *Proceedings of the 32nd Annual ACM Symposium on Applied Computing (SAC 2017), Marrakesh, Morocco, 4-6 April 2017*. ACM. ISBN: 978-145034486-9 (2017)
DOI: 10.1145/3243944
URL: <https://dl.acm.org/citation.cfm?id=3243944>
2. Marieke van Erp, Raphaël Troncy, **Marco Rospo**cher, Willem Robert van Hage, and David A. Shamma. Proceedings of the 4th International Workshop on Detection, Representation, and Exploitation of Events in the Semantic Web (DeRiVE 2015). Vol. 1363 of *CEUR Proceedings*. CEUR-WS.org. ISSN: 1613-0073 (2015)
URL: <http://ceur-ws.org/Vol-1363/>
1. Matthew Horridge, **Marco Rospo**cher, and Jacco van Ossenbruggen. Proceedings of the ISWC 2014 Posters & Demonstrations Track. Vol. 1272 of *CEUR Proceedings*. CEUR-WS.org. ISSN: 1613-0073 (2014)
URL: <http://ceur-ws.org/Vol-1272/>