Prot. n. 0008842 del 22/11/2022 - [UOR: SI000006 - Classif. IV/11]

Curriculum vitae

According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this curriculum vitae

PERSONAL INFORMATION

Mauro Dragoni

Gender | Date of birth

CURRENT POSITION

01 March 2011 – present

Tenured Research Scientist

Fondazione Bruno Kessler (FBK-IRST), Trento (Italy)
Research, design, and development of web semantic applications. My main research topics concerns knowledge management, information retrieval, and machine learning by focusing on the development of real-world prototypes as outcome of his research activities. In particular, I focus my work on the study of the impact of the evolution of knowledge bases (with or without the support of multilingualism) on the effectiveness of the information retrieval systems. Then, since 2015, I work on the application of Artificial Intelligence techniques to the Health and Wellbeing domain. Finally, on the development side, I am in charge for managing the architecture of an internal tool, called HORUS.AI, used to build behavior change intervention policies and to support remote patients monitoring.

EDUCATION AND TRAINING

2006 – 2010

PhD in Computer Science - Thesis Title: “Computational Intelligent Methods for Improving Information Retrieval”

Università degli Studi di Milano, Milano, Italia

2000 – 2006

Master Degree in Computer Science - Thesis Title: “Reasoning in Description Logics with Fuzzy Quantifiers and Evolutionary Algorithms”

Università degli Studi di Milano, Milano, Italia

CERTIFICATIONS

05 December 2017

National Scientific Qualification to function as Associate Professor in Italian Universities
Topic Area 01/B1 (art. 16, comma 1, Legge 240/10)
Certification valid until 05 December 2026.

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WORK EXPERIENCE

01 April 2010 – 31 July 2013

Software Engineer

Sematext, New York (U.S.A.)
Designer and developer of a semantic search engine. The project consists in the design and the development of the entire pipeline necessary for the realization of a semantic search engine, from the crawling of the Web documents to their indexing and searching. The main challenge for creating such a pipeline, in the context of using semantic technologies, is the implementation of the annotator component that is the responsible of the injection of semantic information for enriching document content.
These information are retrieved from external knowledge bases like DBpedia, Freebase, YAGO, WordNet, etc. The second main challenge is the scalability of the application that has to work in a real-time environment by monitoring continuous streams of news documents and log reports.

01 February 2010 – 31 March 2011

Software Architect

Developer at MeteoItalia s.r.l., Milan (Italy)
Software Architect for the B2B Weather Forecasting services.
Designer of the data infrastructure used for updating and publishing weather forecasting data. The main challenge was the development of a scalable platform able to retrieve and manage real-time data coming from more that 8,000 weather stations and to use them for updating all the services. Moreover, these data have been used for developing a statisticalframework for computing weather nowcasting reports and for the development of models about micro-climate areas.

01 September 2009 – 28 February 2011

Research Collaborator

Università degli Studi di Milano, Department of Information Technology, Crema (Italy)
Research, design, and development of intelligent information retrieval system and of effective classification and learning systems based on the use of ComputationalIntelligence techniques.

01 May 2010 – 28 February 2011

Trainer

Form.Art., Piacenza (Italy)
Trainer on Information Systems for the customers of Confartigianato dell'Emilia Romagna. The topics of these classes were the structure of the different categories of information systems and business processes engineering.

01 December 2009 – 30 June 2010

Software architect and Developer

Cross Cable, Brescia (Italy)
Design and development of a semantic information retrieval system based on Solr/Lucene technology for the banking and manufacturing environments.

01 February 2009 – 31 March 2009

Trainer

Il Sole 24 Ore Business School, Milan (Italy)
Trainer on Information and Database Systems. The topics of these classes were information systems, databases, and SQL language.

01 February 2009 – 30 June 2009

Developer

Delta 80 s.r.l., Milan (Italy)
Software Developer on the EcoWise Project. The project consisted in the development of a software for the analysis of environmental data (pollution, weather conditions, etc.). The software was implemented by using the Java programming language and MySQL as DBMS.

01 September 2008 – 31 May 2009

Analyst and Developer

Bardicchia Management. Milan (Italy)
Analyst and Developer for the Sales Skill Project. The project consisted in the design and implementation of a software for managing human resources. The software has been implemented by using the PHP programming language and MySQL as DBMS.

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01 January 2008 – 30 November 2008

Analyst and Developer

TKA s.r.l., Milan (Italy)
Software Analyst and Developer on the Elisa Project. The project consisted in the analysis and development of a software for scheduling medical robots used for blood analysis. The software was implemented by using C language.

01 October 2007 – 31 October 2007

Trainer

ProdEl s.p.a. (Gruppo Finmeccanica), Milan (Italy)
Trainer on MySQL Server Database. The topic of this course was the configuration and the administration of a MySQL server, the SQL language, the use of the MySQL Administration Tools, and how to interact with MySQL databases with different programming languages, in particular C, Java and PHP.

01 October 2000 – 30 June 2002

Web Developer

Polo Didattico e di Ricerca di Crema, Crema (Italy)
Developing of complex and dynamic web sites. The technologies used was HTML, XML, Javascript and CSS.

01 September 2000 – 31 December 2007

Software Architect

Int.-Te.Ma. s.r.l., Piacenza (Italy)
Design and develop of B2B applications and web services. The platform used for the implementation of the application was IBM Lotus Domino, with the injection of HTML and XML code for the presentation layer and the use of Java language for the developing of the internalweb services.

PERSONAL SKILLS

Mother tongue(s): Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C2	C1	C1	C1
French	A2	A2	-	-	-
Spanish	A1	A1	-	-	-
German	A1	A1	-	-	-

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user
Common European Framework of Reference (CEF) level

Communication skills

- Team work: I have worked in many research teams with different leading roles. Here, I learn how to establish collaborations at different levels and to coordinate activities for reaching common goals.
- Mediating skills: I work as organizers of many events by coordinating activities and solving issues.
- Intercultural skills: I am experienced at working in multicultural teams.

Computer skills

Programming Languages:
Excellent: Java, PHP, MySQL, XML, SQL, SPARQL
Good: C++, ASP, .NET (C#, VB.NET), CSS3, Javascript, HTML5

Tools:
Excellent: Linux, Windows, UML, MySQL, Lucene, Solr, Tomcat, Protege, Office, Versioning Systems
Good: R, Adobe Suite

Technologies:
Excellent: Web Services
Good: Servlets, SOA, Google Maps API, JQuery, AJAX, AngularJS, Maven

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Research Interests

My research path, competencies and interests can be summarized in the five points shown below:

Computational Intelligence. My first research topic consisted in the investigation about the use of Evolutionary Computation and Fuzzy Logic for optimizing the structure of Artificial Neural Network. The goal was to build effective systems for pure classification problems. The designed approaches were mainly applied into the Natural Language Processing field, in particular to the Word Sense Disambiguation (WSD) problem where the aim is to detect the correct sense of an ambiguous word into the different contexts in which such word occurs. This topic has been investigated for the first half of my Ph.D. period.

Information Retrieval. The main topic of my Ph.D., my aim was to evolve the state of the art of IR systems by integrating a multidimensional representation of documents able to increase the effectiveness of both indexing construction and query processing. Together with this, the Computational Intelligence approaches learned during the first part of my Ph.D. were exploited for learning user profiles in order to extend query processing algorithms with a user-based dimension.

Knowledge Management and Semantic Technologies. After moving to Fondazione Bruno Kessler, I have been involved in a strong project-oriented environment.I had to stop working on the research topics studied during my Ph.D. and started to align my competencies with the key-ones of the Data and Knowledge Management group. Thus, I acquired the background of the knowledge management and business process modeling areas for making myself effective on the assigned projects. During the first years, I was mainly involved in project-related activities. In particular, I worked on ontology engineering and process modeling tasks and developed a tools allowing an integrated representation of the produced artifacts. Recent activities concerns the integration of knowledge bases into artificial intelligence platforms for supporting citizens's well-being. Moreover, I restarted to work in the IR field by bringing the acquired competencies and the developed technologies to the goalof evolving what I did during my Ph.D..

Sentiment Analysis and Opinion Mining. Recently, I starting an independent research line: the integration of semantic technologies and fuzzy logic for investigating the semantic sentiment analysis area. In particular, I associate fuzzy representations to the polarity of each concept occurring in a text and to adapt it based on the domain in which each concept occurs. This way, I am able to provide a more flexible representation supporting the design of effective approaches as demonstrated in recent published contributions. Recently, I started to integrate argumentation theory frameworks concerning the analysis of complex scenarios like the ones strongly connected with social sciences, in order to tracking the evolution of opinions and associated sentiment. My purpose is to start applying built models in the field of mental health.

Artificial Intelligence for Digital Health. Finally, since 2015 I started to apply my research and technological competencies within the Digital Health domain. My research activities aim to design strategies supporting the adoption of healthy lifestyles as a driver for enabling healthcare organizations to improve the overallcitizens' quality of life. My work focuses on improving both the efficiency and effectiveness of their services through the exploitation of data collected from the monitoring of clinical pathways applied to care patients. To carry out these tasks, I planned to design and develop a disruptive solution covering the entire cycle of a computational treatment of knowledge modeling and inference on user data together with the necessity of supporting healthcare organizations with smart solutions in order to increase their overall efficiency and effectiveness. I identified three challenges that I am tackling in order to provide a full-fledged support to healthcare organizations: (i) to provide knowledge-based solutions able to encourage and support citizens in improving their lifestyles and, at the same time, to support patients during the self-management of chronic conditions; (ii) to provide intelligent strategies supporting healthcare organizations on the discovery, analysis, and monitoring of clinicalpathways; and (iii) to provide smart systems for the analysis of structured data and unstructured textual content.

The complete list of my publications can be found at https://dblp.org/pid/70/394.html.

Research Metrics

Google Scholar, Citations: 1970, h-Index: 25
Scopus, Citations: 1256, h-Index: 21

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Activities in Funded Projects

Please find below, the list of both international and national funded projects I actively participated during my research career.

- **HUMANE-AI (https://www.humane-ai.eu/)** [01/2020-present]: the vision of the HUMANE-AI project is to design and develop trustworthy AI-based strategy positively impact on the society within several domains ranging from healthcare to transportation. In this project, I work on the work package in charge of providing trustworthy AI-based solutions within the healthcare domain. In particular, concerning AI-based support to patients affected by chronic diseases (e.g., nutritional).

- **ANTIDOTE (https://www.chistera.eu/projects/antidote)** [01/2021-present]: the ANTIDOTE project aims to integrate Explainable AI techniques within dialogue systems in order to improve the argumentation capacity of AI systems. My role in this project is to work within the Explainable AI tasks to support the design of dialogue policies integrating explainable arguments into the conversation between the experts and the conversational system.

- **WELLCO (http://wellco-project.eu/)** [01/2020-present]: the goal of this project is to design next-generation coaching system to support behavior change in patients affected by mental diseases. In this project, I work on the integration of the virtual coach solution I developed in the last years for supporting a healthy lifestyle transition of engaged patients.

- **VALUECARE (https://projectvaluecare.eu/)** [01/2020-present]: similarly to the WELLCO project, VALUECARE works within the mentaldisease field and, in particular, it targets the monitoring of dementia in elderly people. This project aims to demonstrate the sustainability impact of AI-based solutions on healthcare organizations. My role in this project is to contribute to the analysis of sustainability indicators associated with the use of remote monitoring of patients.

- **ETSI Special Task Force on SAREF Extension** [01/2019-06/2022]: the task force is composed by experts selected by the European Commission with the aim of extending the SAREF ontology to specific domains. The goal of these activities is to produce standards for exchanging data between wearable devices and information systems.

- **SO-PC-Pro (Subject Orientation For People Centred Production) EU-founded Project** [10/2014-09/2016]: the goal of SO-PC-Pro was to develop methods and tools for holistic design and management of workplaces in production companies, thereby aligning business goals and human needs. It is based on a view of production companies as complex, socio-technical systems of people, processes and machines that flexibly interact. My role in the project was related to the development of the knowledge management tool supporting the interaction between workers and management concerning the discussion about the production processes.

- **Presto (Plausible Representation of Emergency Scenarios for Training Operations) FESR-founded Project** [01/2014-12/2015]: the PRESTO project aimed to build behavioral models of characters injected in virtual reality scenarios used for training people involved in rescue activities. My role in this project was the modeling of the underlying ontology deployed into the Presto platform and of transferring knowledge to the staff of the other company involved in the project about the exploitation of semantic technologies within the virtual reality scenario.

- **Organic.Lingua EU-founded Project** (http://www.organic-lingua.eu) [03/2011-02/2014]: the Organic.Lingua project aimed to provide an automated multilingual service that facilitates the usage, exploitation and extension of digital educational content related to Organic Agriculture and Agroecology. My role concerns the research of techniques for managing the ontology used for annotating the resources deployed on the platform. In particular, I am studying approaches for evolving the ontology by preserving the retrieval effectiveness of the platform, and for mapping the concepts defined in the ontology with concepts defined in external ontologies or linguistic resources. From Month 18, I was appointed to be the leader of Work Package 3 that was in charge of defining the knowledge bases and of developing the collaborative knowledge management tool.

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- **ProMo (PROcess MOdeling) FESR-founded Project** (http://www.progettoprode.it) [01/2012-08/2013]: the ProMo project aimed to reach two different objectives. The first one, that was a scientific objective, consisted in the investigation of innovative technological solutions able to support collaborative and agile approaches for modeling and monitoring processes. While, the second objectives aimed to build a prototype platform, based on the MoKi tool, able to verify the effectiveness of the development solutions. My role in this project consists in the design of the final system architecture and on the development of the improved version of the MoKi tool for supporting the features for monitoring processes.

- **ProDe (PROgetto DEmaterializzazione) National-founded Project** [01/2011-12/2011]: ProDe was an Italian project with the aim of defining a national reference model for the management of electronic documentation (dematerialized document) in the Public Administration (PA). This reference model follows an archival science perspective, and can be used for the identification of guidelines and functions needed to safely store, classify, manage, and retrieve, electronic documents produced within the PA in an archivalsystem. My role concerned the study of the state of art about semantic approaches and framework used for achieving interoperability in the Public Administration and the development of an extension of MoKi for modeling processes and entities involved in the Public Administration tasks.

International Research Collaborations

I summarized here, my main consolidated research collaborations.

- Collaboration with Prof. Andrea Tettamanzi (INRIA Sophia-Antipolis) on fuzzy logic applied to sentiment analysis.
- Collaboration with Prof. Celia da Costa Pereira (INRIA Sophia-Antipolis) on information usefulness.
- Collaboration with Prof. Valentina Tamma (University of Liverpool) on ontology matching.
- Collaboration with Dr. Roman Kern (Know-Center Graz) on information extraction e causality in AI.
- Collaboration with Prof. Salvador Sánchez-Alonso (Universitad Politecnica Madrid) on ontology engineering.
- Collaboration with Prof. Paul Buitelaar (National University of Ireland) on ontology translations.
- Collaboration with Prof. Erik Cambria (Nanyang TechnologicalUniversity di Singapore) on sentiment analysis.
- Collaboration with Prof. Vinícius Maran (Universidade Federal de Santa Maria) on the combined use of ontologies and planning.
- Collaboration with Dr. Giuseppe Rizzo (LINKS Foundation, Torino) on natural language understanding.
- Collaboration with Prof. Marco Rospocher (Universita' di Verona) on semantic information retrieval.
- Collaboration with Prof. Gabriella Pasi (Universita' Bicocca di Milano) on information retrieval.
- Collaboration with Prof. Davide Buscaldi (Université Paris 13) on sentiment analysis.
- Collaboration with Dr. Serena Villata (CNRS Sophia-Antipolis) on argument retrieval.
- Collaboration with Prof. Helena Lindgren (University of Umea) on AI-based behavior change.
- Collaboration with Prof. Jean-Claude Martin (Université Paris Sud) on AI-based behavior change.
- Collaboration with Prof. Diego Reforgiato Recupero (Universita' di Cagliari) on sentiment analysis.

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International Project-wise Collaborations

I summarized here, my consolidated network of both academic and industrial partners towards the preparation of project proposals in the different European funding schema.

- Know-Center Graz (AT) - (reference Dr. Roman Kern)
- Deutsches Forschungszentrum für Künstliche Intelligenz (DFKI) (DE) - (reference Prof. Daniel Sonntag)
- University of Paris (FR) - (reference Prof. Jean-Claude Martin)
- University of Oulu (FI) - (reference Prof. Anna Sachinopoulou)
- University of Umea (SE) - (reference Prof. Helena Lindgren)
- LINKS Foundation (IT) - (reference Dr. Giuseppe Rizzo)
- Maastricht University Medical Center (NL) - (reference Prof. Sami Simons)
- VTT Research (FI) - (reference Dr. Salla Muuraiskangas)
- Karolinska Institute (SE) - (reference Prof. Alina Solomon)
- Leitat Technology (ES) - (reference Dr. Anna Sanchez Calle)
- RMIT Europe (ES) - (reference Dr. Craig Richmond)
- RMIT Australia (AU) - (reference Dr. Ross Vlahos)
- ECHAlliance (IE) - (reference Dr. Natalia Allegretti)
- VIDAVO (GR) - (reference Dr. Nancy Karanasiou)
- Philips Research (NL) - (reference Dr. Ernst Hermens)
- Knowledge Media Institute (GB) - (reference Dr. Enrico Motta)
- University of Cagliari (IT) - (reference Prof. Diego Reforgiato Recupero)
- Zana Technologies (DE) - (reference Dr. Julia Hoxha)
- University of Leuven (BE) - (reference Prof. Anton Vedder)
- MACVIA Network (FR) - (reference Prof. Jean Bousquet)
- Vall d'Hebron Hospital (ES) - (reference Dr. Maria Jesus Cruz Carmona)
- KI-Elements (DE) - (reference Dr. Johannes Troeger)
- Expert Systems (IT) - (reference Dr. Jose Manuel Gomez Peres)
- Acondicionamento Terrasense (ES) - (reference)
- Delta Informatica (DEDAGROUP) (IT) - (reference Dr. Marc Masa)
- Universidade de Lisboa (PT) - (reference Prof. Catia Pesquita)
- University of Liverpool (GB) - (reference Prof. Valentina Tamma)

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Grants and Awards

GRANT Mobility Grant awarded by FBK for spending 4 months at INRIA Sophia-Antipolis, France.

AWARD Best Performer System at ESWC 2014 Concept-Level Sentiment Analysis Challenge on the Aspect-Based Sentiment Analysis task, Heraklion, Crete, Greece.

AWARD Most Innovative System at ESWC 2014 Concept-Level Sentiment Analysis Challenge, Heraklion, Crete, Greece.

AWARD Best Performer System at Semeval 2015 - Task 9, Denver, Colorado, USA.

AWARD Best Performer System at ESWC 2015 Concept-Level Sentiment Analysis Challenge on the Frame Entities Identification task, Portoroz, Slovenia.

AWARD Best Demo Award at ISWC 2016, Kobe, Japan.

AWARD Best Paper Award European Conference on the Applications of Evolutionary Computation 2012 (EvoApplications) for the paper "A Neuro-evolutionary Approach to Intraday Financial Modeling".

Teaching activity

Academic:

2021-2022 Adjunct Professor for the bachelor course of "Laboratory of Mobile and Tablet Development" (48 hours). Teaching assistant for the master courses of "Fundamentals of Artificial Intelligence" (72 hours) and "Knowledge and Data Integration" (34 hours).

2020-2021 Adjunct Professor for the bachelor course of "Laboratory of Mobile and Tablet Development" (48 hours). Teaching assistant for the master courses of "Fundamentals of Artificial Intelligence" (72 hours) and "Knowledge and Data Integration" (34 hours).

2019-2020 Adjunct Professor for the bachelor course of "Laboratory of Mobile and Tablet Development" (48 hours). Teaching assistant for the bachelor course of "Web Programming" (56 hours).

2010 Teaching Assistant of "Information Systems" at Universitá degli Studi di Milano, Institute of Hygiene and Preventive Medicine (36 hours)

2006-2009 Teaching Assistant of "Programmazione 1" at Universitá degli Studi di Milano, B.S. in Computer Science (60 hours)

Private companies:

2008 Prod.El (Finmeccanica Group), Course on Database Systems (80 hours)

2009 Il Sole 24 Ore Business School, Course on Information Systems and Database Systems (80 hours)

2010-2011 Form.Art. (Educational Department of Emilia-Romagna Confartigianato institution), Courses on Information Systems (420 hours)

Academic Advising

PH.D. ADVISOR Student: Milene Santos Teixeira

PhD Thesis: "The Interplay of Ontologies and AI Planning for Health Dialogue Management" (provisional title).

Co-Advisor: Dr. Claudio Eccher (FBK), Trento ICT School (Phd Cycle 34).

PH.D. ADVISOR Student: Patrizio Bellan

PhD topic: "Process Extraction from Natural Language Text".

Co-Advisor: Dr. Chiara Ghidini (FBK), Computer Science Ph.D. Program, Free University of Bozen (Phd Cycle 35).

BACHELOR THESIS Advisor of 18 bachelor thesis at University of Trento from the academic year 2020/2021 to 2021/2022.

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Program committee and Peer review activities

Served as Program Committee Member in more than 60 international Conferences including:

International Semantic Web Conference: from 2014 to 2022

European Semantic Web Conference: from 2014 to 2022

AAAI Conference on Artificial Intelligence: from 2014 to 2022

International Joint Conference on Artificial Intelligence (IJCAI): from 2016 to 2021

World Wide Web Conference: from 2015 to 2021

International Conference on Information and Knowledge Management (CIKM): from 2014 to 2021

International Conference on Knowledge Engineering and Knowledge Management (EKAW): from 2014 to 2020

International Conference on Knowledge Capture (K-CAP): from 2015 to 2021

Served as Reviewer in more than 40 international journal including:

Applied Soft Computing,

Artificial Intelligence in Medicine,

Cognitive Systems Research,

Computers & Electrical Engineering,

Engineering Applications of Artificial Intelligence,

Expert Systems with Applications,

Future Generation Computer Systems,

Information Fusion,

Information Processing & Management,

International Journal of Approximate Reasoning,

International Journal of Medical Informatics,

Journal of Biomedical Informatics,

Journal of Web Semantics,

Knowledge-Based Systems,

Neurocomputing,

Online Social Networks and Media,

Pattern Recognition,

IEEE Transactions on Affective Computing,

IEEE Transactions on Software Engineering,

IEEE Transactions on Services Computing,

ACM Transactions on Software Engineering and Methodology,

ACM Transactions on Autonomous and Adaptive Systems,

IEEE IoT Magazine,

Information and Software Technology,

Journal of Logical and Algebraic Methods in Programming,

Science of Computer Programming,

Computer Science Review.

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Organizing Committees

OWLED 2016, Bologna, Italy: General Chair.

SAC 2017 (Marrakesh, Morocco), 2018 (Pau, France): Co-Chair of the Cognitive Computing Track.

SAC 2019 (Limassol, Cyprus), 2020 (Virtual), 2021 (Virtual), 2022 (Virtual): Co-Chair of the Knowledge and Language Processing Track.

OWLED 2015, Bethlehem, Pennsylvania, USA: Program Chair.

ESWC 2016 (Heraklion, Crete, Greece), 2017 (Portoroz, Slovenia), 2018 (Heraklion, Crete, Greece), 2021 (Virtual): Workshop on Sentiment Analysis, Organizer.

ISWC 2019, Auckland, New Zealand: Doctoral Consortium Co-Chair

ESWC 2015 (Portoroz, Slovenia), 2016 (Heraklion, Crete, Greece), 2017 (Portoroz, Slovenia), 2018 (Heraklion, Crete, Greece): Challenge on Sentiment Analysis, Organizer.

ESWC 2017, Portoroz, Slovenia: Semantic Web Challenges Co-Chair.

ESWC 2016, Heraklion, Crete, Greece: EU Networking Chair.

ESWC 2015, Portoroz, Slovenia: Publicity Chair and Semantic Web Challenges Co-Chair.

ISWC 2014, Riva del Garda, Italy: Publicity Chair.

AI*IA 2018, Trento, Italy: Workshop and Tutorial Co-Chair, Publicity Chair and Web Manager

Editorial Board Member

Member of the following editorial boards:

ASSOCIATE EDITOR of the Journal of Web Semantic. (Q1 Quartile - Human-Computer Interaction, Citescore 6.9, Source: Scopus) from 01/09/2020. https://www.journals.elsevier.com/journal-of-web-semantics.

Guest Editor (in collaboration with Prof. Marco Rospocher) of the Progress in Artificial Intelligence Journal for the organization of a Special Issue on “Applied Cognitive Computing: Challenges, Approaches, and Real-World Experiences”. https://coco.fbk.eu/si-prai-2018/

Guest Editor (in collaboration with Prof. Marco Rospocher) of the Information Processing and Management Journal for the organization of a Special Issue on “Knowledge and Language Processing”. https://www.journals.elsevier.com/information-processing-and-management/call-for-papers/call-for-papers-knowledge-and-language-processing-klp.

Guest Editor (in collaboration with Prof. Diego Reforgiato Recupero, Prof. Flavius Frasincar, Prof. Davide Buscaldi) of the Future Generation Computer Systems Journal for the organization of a Special Issue on “Senti-Mental Health: Future Generation Sentiment Analysis Systems”. https://www.sciencedirect.com/journal/future-generation-computer-systems/special-issue/10H7ZRSGXS3

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Invited Talks/Seminars

February 2014, “A Fuzzy Approach For Multi-Domain Sentiment Analysis”.INRIA, Sophia-Antipolis, France.

November 2014, “Using Fuzzy Logic Into Sentiment Analysis Applications”. Know-Center, Graz, Austria.

July 2015, “Ontologies And Their Use in Information Retrieval”. 1st KEYSTONE COST-Action IC1302 Training School, Malta.

November 2015, “An IR-based Approach For Multilingual And Cross-lingual Ontology Matching Purposes”. University of Liverpool, United Kingdom.

February 2016, “Keyword Search Through Semantic Artifacts: an Introduction”. KEY-STONE COST-Action IC1302 Meeting, Marseille, France.

July 2016, “Aggregating Multiple Dimensions for Computing Document Relevance”. 2nd KEYSTONE COST-Action IC1302 Training School, Santiago de Compostela, Spain.

July 2017, “Semantic Keyword Search Within the Medical Domain”. 3rd KEYSTONE COST-Action IC1302 Training School, Vienna, Austria.

September 2019, “Semantic AI for Healthcare: The HORUS.AI platform”.2nd International Workshop on Semantic Web Meets Health Data Management, ISWC 2019, Auckland, New Zealand.

April 2021, “Enabling AI-System to Process IoT data: The Case of Digital Health”. ETSI IoT Week, Virtual.

April 2021, “Achieving Explainable AI Through Semantic Technologies: Challenges and Future Directions in Digital Health”. University of Luxemburg, Luxemburg.

May 2021, “Achieving Explainable AI Through Semantic Technologies: Challenges and Future Directions in Digital Health”. University of Trento, Trento, Italy.

November 2021, “Experience with SAREF for Industry”. OntoCommons Global Workshop, Virtual.

Other skills CONI Certified Personal Trainer

Driving licence B

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Trento, April, 22nd 2022.

Documento firmato in originale conservato agli atti

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