

Enterprise	University	EPR
<input type="checkbox"/> Management Level	<input type="checkbox"/> Full professor	<input type="checkbox"/> Research Director and 1st level Technologist / First Researcher and 2nd level Technologist
<input type="checkbox"/> Mid-Management Level	<input checked="" type="checkbox"/> Associate Professor	<input type="checkbox"/> Level III Researcher and Technologist
<input type="checkbox"/> Employee / worker level	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator

## WORK EXPERIENCE

12/2021-present	<p><b>Associate Professor</b></p> <p>Department of Engineering, University of Ferrara, Italy</p> <ul style="list-style-type: none"> <li>Participation in the POLIS-EYE Project.</li> <li>Coordinator of the Ragazze Digitali Summer Camp, Ferrara, in collaboration with University of Modena and Reggio Emilia, University of Bologna, University of Parma and European Women Management Development.</li> </ul>
12/2018-11/2021	<p><b>Assistant Professor with tenure track (RTD-B)</b></p> <p>Department of Engineering, University of Ferrara, Italy</p> <ul style="list-style-type: none"> <li>Participation in the POLIS-EYE Project, funded by the Region Emilia-Romagna on the POR-FESR 2014-2020 funds. The project is aimed at the realization of a "policy support system" for administrations and tourism companies based on descriptive, predictive, and prescriptive models, involving important companies such as Lepida, FICO, Bologna Musei, Aeroporto di Bologna, IF Imola faenza Tourism company.</li> <li>Participation in the SUPER Project, funded by the Region Emilia-Romagna on the POR-FESR 2014-2020 funds. The project is aimed at extending the storage and regional computing infrastructure, thanks to the geographical proximity to the major Italian HPC / HTC centers (CINECA and INFN), to support both scientific use cases (genomics, regenerative medicine, biobanks, innovative production systems and advanced materials) and industrial (e-maintenance for industrial machines, predictive maintenance of energy production from sustainable sources, etc., in the context of Industry 4.0).</li> <li>Scientific coordinator of a research agreement with Unitec SPA, Italy, for deep learning analysis for the automatic identification of regions of interest in fruit and vegetable products.</li> </ul>
7/2013-11/2018	<p><b>Postdoctoral Research Fellow</b></p> <p>Department of Engineering and Department of Mathematics and Computer Science (3/2018-11/2018), University of Ferrara, Italy</p> <ul style="list-style-type: none"> <li>Member of the Machine Learning Research Group (<a href="https://ml.unife.it/">https://ml.unife.it/</a>) of the Department of Engineering and the Department of Mathematics and Computer science of the University of Ferrara. The activities of the group, still presently ongoing, concerns Artificial Intelligence, Machine Learning, , Deep Learning, Logic Programming, Semantic Web.</li> <li>Member of the MechLav laboratory of the Technopole of the University of Ferrara.</li> <li>Participation in the Project <i>Decision Support System to improve appropriateness of repeated execution of laboratory examinations</i>.</li> </ul>
3/2013 – 6/2013	<p><b>Postdoctoral Research Fellow</b></p> <p>University Hospital of Ferrara</p> <ul style="list-style-type: none"> <li>Participation in the Project <i>Decision Support System to improve appropriateness of repeated execution of laboratory examinations</i>, funded by the Italian Ministry of Health and coordinated by the University Hospital of Ferrara. The project is aimed at the development of a Decision Support System (SSD) for the appropriate description of laboratory tests and reduction in costs due to repetitive requests by physicians.</li> </ul>

## EDUCATION AND TRAINING

11/2009-3/2013	<p>Ph.D. in Computer Engineering</p> <p>University of Ferrara, Italy</p>
9/2007-10/2009	<p>Master Degree in Computer and Automation Engineering (Computer science curriculum)</p> <p>University of Ferrara, Italy</p>

9/2004-10/2007

## Bachelor's Degree in Computer and Automation Engineering

University of Ferrara, Italy

### PERSONAL SKILLS

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Mother tongue(s) Italian  
Other language(s) English – B1 Proficiency

### ADDITIONAL INFORMATION

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Bibliometric Indices (source: Scopus on 2022/04/24)

H-index: 13  
Total Citations: 715 from 425 articles  
Total Publications: 62

#### Editorial and Review Activity

- Member of the Editorial Board of: 'Intelligenza Artificiale', 'Intelligent Data Analysis', 'Artificial Intelligence Review', 'Frontiers in Robotics and AI'
- Guest co-Editor of the S.I. of Machine Learning Journal for the Inductive Logic Programming (ILP 2017-18) Conference
- Guest co-Editor of the S.I. of the International Journal of Approximate Reasoning for the PLP 2018 Workshop
- co-Editor of the Doctoral Consortium proceedings of AI\*IA 2015
- Reviewer for the international journals: IEEE Access, Machine Learning, TCS, COMMAT, IJAR, JIIS, TKDD, Fundamenta Informaticae
- Program Committee member of national and international conferences and workshops: AI\*IA, RCRA, ILP, NFMCP, PLP, CILC, AAAI, IJCAI
- Reviewer for national and international conferences and workshops: ECML-PKDD, RuleML+RR, AIME, AIMSA, ECAI, IJCAR, IDA

#### Invited Talks

- Efficient inference in discrete and continuous domains for PLP languages under the Distribution Semantics at PLP 2019
- Introduction to Probabilistic Logic Programming, ICLP 2020

#### Memberships

- Italian Association for Artificial Intelligence (AixIA)
- GULP

#### Awards

- Highly commended paper award (KSEM 2010) for the paper Elena Bellodi, Fabrizio Riguzzi, Evelina Lamma. Probabilistic declarative process mining.
- Best paper award (RR2013) for the paper Fabrizio Riguzzi, Evelina Lamma, Elena Bellodi, Riccardo Zese. BUNDLE: A reasoner for probabilistic ontologies.
- 'Marco Cadoli' 2013 Award sponsored by the Italian Association for Artificial Intelligence for the best Ph.D. thesis in the field of AI
- 2014 Award sponsored by the Italian Association "Gruppo Ricercatori e Utenti di Logic Programming" (GULP) for the best Ph.D. thesis in the field of Computational Logic
- Member of the winning team of the probabilistic track of the international competition sponsored by ILP 2016
- 2021 "Marco Somalvico" Award sponsored by the Italian Association for Artificial Intelligence (AI\*IA) for the contribution of young Italian researchers (under 37) to the AI field (<https://aixia.it/premi/premio-intelligenza-artificiale-marco-somalvico-biennale/>)

#### Grants

"Giovani Ricercatori" GNCS Grant received in 2013 and 2016.

#### Publications

<https://docente.unife.it/elena.bellodi/pubblicazioni>