

PERSONAL INFORMATION

Bernardo Magnini

 FBK, via Sommarive 18, Povo, Trento, 38123, Italy

 magnini@fbk.eu

<https://nlp-lab.fbk.eu/people/bernardo-magnini>

WORK EXPERIENCE

FBK (Fondazione Bruno Kessler, Center for Augmented Intelligence), Trento, Italy

Involvement in several activities in the area of Natural Language Processing.

Research Interests:

- Lexical semantics and lexical resources;
- Information extraction and question answering;
- Textual inferences;
- Conversational agents.

1988 - 2002

Researcher at the Cognitive and Communication Technologies Division of ITC-irst (Istituto per la Ricerca Scientifica e Tecnologica)

ITC-irst (Istituto per la Ricerca Scientifica e Tecnologica), Trento, Italy

• Research activity in the area of Natural Language Processing and Knowledge Representation.

Business or sector Research Institute

EDUCATION AND TRAINING

1986

“Laurea” degree in Philosophy, University of Bologna (Bologna, Italy)

Replace with EQF (or other) level if relevant

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1

Communication skills ▪ good communication skills gained through my experience as a researcher

Organisational / managerial skills

- Responsible of the NLP Research Unit (2024 – present) at FBK
- FBK International PhD Program, Director (2018 – present) at FBK
- Responsible of the NLP Research Unit (2017 – 2020) at FBK
- Responsible of the HLT Research Unit (2007 – 2014) at FBK
- President of the Italian Association for Computational Linguistics (2015 - 2022)
- Manager of the Italian Office of the W3C (2017 - 2019)
- Member of the Scientific Advisory Board of Know Center (Graz, Austria) and Eurac (Bolzano, Italy)
- General chair of ACL 2022 – the 60th Meeting of the Association for Computational Linguistics

Job-related skills

- Teaching University courses (University of Trento, Bolzano, Padova and Pavia)
- Advisor of PhD students and Master students

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Independent user	Independent user	Independent user	Proficient user

Levels: Basic user - Independent user - Proficient user
[Digital competences - Self-assessment grid](#)

Replace with name of ICT-certificate(s)

- good command of Unix/Linux shell scripting
- good command of Latex
- good command of office suite (word processor, spread sheet, presentation software)

Other skills

Driving licence B

ADDITIONAL INFORMATION

Publications
Projects
Memberships

Recent Selected Publications (2015-2022):

- Vevake Balaraman, Seyedmostafa Sheikhalishahi, Bernardo Magnini: Recent Neural Methods on Dialogue State Tracking for Task-Oriented Dialogue Systems: A Survey, SIGDIAL, 2021.
- Vevake Balaraman, Bernardo Magnini: Domain-Aware Dialogue State Tracker for Multi-Domain Dialogue Systems, IEEE/ACM Transactions on Audio, Speech, and Language Processing, 2021.
- Louvan S., Magnini B.: Recent Neural Methods on Slot Filling and Intent Classification for Task-Oriented Dialogue Systems: A Survey, Coling 2020.
- Lili Kotlerman, Ido Dagan, Bernardo Magnini, Luisa Bentivogli: Textual Entailment Graphs. Special Issue of the Journal of Natural Language Engineering, 2015.
- Francesco Corcoglioniti, Marco Rospocher, Roldano Cattoni, Bernardo Magnini, and Luciano Serafini: The KnowledgeStore: a Storage Framework for Interlinking Unstructured and Structured Knowledge, in International Journal on Semantic Web and Information Systems, 11(2), 1-37, 2015.

Projects:

- EU project MEANING: (Developing Multilingual Web-Scale Language Technology), ITC-irst responsible, 2002 – 2005.
- EU Project QALL-ME (Question Answering Learning Technologies in a multilingual and multimodal environment), Project Coordinator – 2006 – 2009.
- Project LIVEMEMORIES (Active Digital Memories of Collective Life) Bando Grandi Progetti Autonomous province of Trento; Project Coordinator 2008 – 2011.
- EU project T4ME: (Technologies for the Multilingual European Information Society) coordination of the FBK-irst team 2010-2013.
- EU project EXCITEMENT (EXploring Customer Interactions through Textual EntailMENT); Project coordinator, 2012-2014;
- EU project NewsReader (Building structured event indexes of large volumes of financial and economic data for decision making) – 2013-2015.
- EU project eCREAM (enabling Clinical Research in Emergency and Acute care Medicine), 2022-present.
- PNRR project FAIR (Future Artificial Intelligence Research), PI WP2.5, 2023-present.

Memberships:

- Member of the Association for Computational Linguistics (ACL); member of the Italian Association for Computational Linguistics (AILC); member of the Italian Association for Artificial Intelligence (AIxIA).