

# GIACOMO GONELLA

## PhD Student in NLP

Trento, Italy

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giacomogonella

## PUBLICATIONS

**PREPRINT** **Guide Me Out: A Framework to Benchmark VLM Operators Communication in Crisis Scenarios.** Giacomo Gonella, Stefano Menini, and Marco Guerini. *arXiv preprint arXiv:2606.09428*, 2026. → [Link](#)

**EACL 2026** **CrisiText: A dataset of warning messages for LLM training in emergency communication.** Giacomo Gonella, Gian Maria Campedelli, Stefano Menini, and Marco Guerini. In *Findings of ACL: EACL 2026*, pp. 6657–6677, Rabat, Morocco. ACL. → [Link](#)

## EDUCATION

PhD in Information Engineering and Computer Science

**FBK & University of Trento**

Nov 2024 – Present

Trento, Italy

- *Topic:* Natural Language Generation for Crisis Communication
- *Advisors:* Marco Guerini, Stefano Menini, Elisa Ricci

Master's Degree in Computer Engineering

**University of Padova**

Oct 2021 – Mar 2024

Padova, Italy

- Specialization in Artificial Intelligence and Robotics; coursework in ML, NLP, and computer vision.
- *Thesis:* Studied limitations of Vision-Language Models in visual reasoning, proposing solutions based on dataset augmentation, zero-shot segmentation, and advanced training techniques. Supervisors: Giorgio Satta and Loris Nanni.

Bachelor's Degree in Information Engineering

**University of Padova**

Oct 2018 – Sep 2021

Padova, Italy

- Foundations in computer science, algorithms, digital signal processing, and communication systems.

## EXPERIENCE

Research Intern

**Fondazione Bruno Kessler (FBK)**

Apr 2024 – Oct 2024

Trento, Italy

- Internship with the Language and Dialogue Technologies group focused on NLG for crisis communication.
- Applied large language models to generate persuasive yet factually accurate content.
- Explored data quality, model training methods, and techniques such as preference alignment.

## RESEARCH INTERESTS

My research focuses on Natural Language Generation for crisis communication, investigating how neural language models can support emergency operators in producing effective emergency communications. My work spans from generating broad public alerts to personalized, context-aware messages tailored to individual civilians.

## SKILLS

### Tech Skills

NLP NLG LLMs VLMs ML AI  
Computer Vision Multimodality PyTorch  
HuggingFace Python C C++ LaTeX  
Docker Git Unity

## LANGUAGES

🇮🇹 **Italian** – Native

🇬🇧 **English** – Proficient

## TALKS & EVENTS

Poster Presentation

**EACL 2026**

Mar 2026

Rabat, Morocco

*CrisiText* dataset paper – Findings of ACL: EACL 2026.

## VOLUNTEERING

Student Volunteer

**EACL 2026**

Mar 2026

Rabat, Morocco

- Assisted in the coordination of oral presentation sessions.

Volunteer

**Poplar Festival**

2025 – Present

Trento, Italy

- Music festival hosting international artists with approx. 3,500 participants.

Trento (Italy), 11/6/2026