Maddalena Torricelli

Curriculum Vitae et Studiorum

Contacts ✉

maddalena.torricelli@gmail.com

Digital Hub ☰

maddalenatorricelli.me 👤

Google Scholar 🔖

Github

Languages 🅰

Italian (Native)

English (Advanced)

German (Basic)

French (Basic)

Programming Languages 💻

Python
Pandas, Numpy, Scipy, NetworkX, Gensim,
Matplotlib, Seaborn, Pytorch

R
ggplot2, caret, glmnet

DataViz
d3.js, Vega Lite, Google Data Studio

C++
basic knowledge

HTML, CSS, Javascript
basic knowledge

LateX

Working Experience 👥

2021 - 2023	**Postdoctoral Research Associate**	City University of London, UK

Research topics: analysis of the spread of misinformation across social media platforms; developing models and metrics for quantitative analysis of the social perception of climate change and natural disasters.

Education 🎓

2017 - 2021	**PhD in Data Science and Computation**	Alma Mater Studiorum di Bologna, Italy

Thesis: Embedded representations of social interactions

2015 - 2017	**Master Degree in Physics of Complex Systems**	Università degli Studi di Torino, Italy

Thesis: Party cohesiveness in the Italian Parliament (1987-2013)
M.Sc.: 110/110 cum laude

Selected Publications 📒

2024, May	**The role of interface design on prompt-mediated creativity in Generative AI**	link

WEBSCI '24: Proceedings of the 16th ACM Web Science Conference

2023, Nov	**How does extreme weather impact the climate change discourse? Insights from the Twitter discussion on hurricanes**	link

PLOS Climate

2020, Apr	**weg2vec: Event embedding for temporal networks**	link

Nature Scientific Reports

A full list of publications is available on my Google Scholar profile.

Selected conferences, projects and workshops 💬

2024, May	**WEBSCI Conference**	Stuttgart (DE)

Talk: The role of interface design on prompt-mediated creativity in Generative AI (24.05.2024).

2023, Oct	**CCS Conference**	Salvador, Bahia (BR)

Talk: How does extreme weather impact the climate change discourse? Insights from the Twitter discussion on hurricanes (20.10.2023).

2023, Jun	**Sònar+D**	Barcelona (ES)

Participation in the EXPLAIN Project: analyzing lyrics and music of Sònar festival artists to detect patterns and track their evolution.

2020, Nov	**Big Dive (Data Visualization)**	Turin (IT)

Intensive course on effective visualization of data with d3.js and Vega Lite.

2019, May	**NetSci Conference**	Burlington, Vermont (USA)

Talk: Temporal network embedding for the estimation of spreading process outcome (29.5.2019).

Teaching activity 👥

2023, Jan-Apr	**Number Theory and Cryptography**	Department of Mathematics

City, University of London

Events Organisation ★

2023	**"Complexity 72h" workshop: organisation + tutoring**	26th-30th June

Palma de Mallorca

2022-2023	**"Data Natives": organisation + chairing**	6th May 2022 & 14th April 2023

City, University of London