Maddalena Torricelli

Curriculum Vitae et Studiorum

Contacts ✉

maddalena.torricelli@gmail.com

Digital Hub ⚕

maddalenatorricelli.me 🌐

Google Scholar ✆

Github ⌖

Languages 🅰🈷

Italian (Native)

English (Advanced)

Spanish (Basic)

French (Basic)

German (Basic)

Code Stack 💻

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	