Maddalena Torricelli

Curriculum Vitae et Studiorum

Contacts ✉

maddalena.torricelli@gmail.com

Digital Hub ☰

maddalenatorricelli.me 👤

Google Scholar 🔖

Languages

Italian (Native)

English (Advanced)

German (Basic)

French (Basic)

Programming Languages 💻

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

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 📕

| 2023, Nov | **How does extreme weather impact the climate change discourse? Insights from the Twitter discussion on hurricanes**
PLOS Climate | |
| 2020, Apr | **weg2vec: Event embedding for temporal networks**
Nature Scientific Reports | |

Full list of publications available on my Google Scholar profile.

Selected conferences and workshops 💬

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).	
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, Jun	**Organisation (+ Tutoring) of the "Complexity 72h" workshop**	26-30, Palma de Mallorca
2023, Apr	**Organisation of the "Data Natives" event**	14th, City, University of London
2022, May	**Organisation of the "Data Natives" event**	6th, City, University of London