

Maddalena Torricelli

Curriculum Vitae et Studiorum



Contacts

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Digital Hub

maddalena.torricelli.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 **The role of interface design on prompt-mediated creativity in Generative AI** link
Arxiv pre-print

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

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: analysis of the lyrics and the music of artists who have performed at the Sònar festival to detect patterns and discover their evolution over time.

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 **"Complexity 72h" workshop: organisation + tutoring** 26-30, Palma de Mallorca

2023, Apr **"Data Natives" event: organisation + chairing** 14th, City, University of London

2022, May **"Data Natives" event: organisation + chairing** 6th, City, University of London