

# Maddalena Torricelli

## Curriculum Vitae et Studiorum



## Contacts

maddalena.torricelli@gmail.com

## Digital Hub

maddaleona.github.io

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 pandemic and climate change.

## 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**  
City, University of London

Department of Mathematics

## 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