Marcella Tambuscio

Postdoctoral Research Fellow

✆ +436706586060
✉ marcella.tambuscio@uni-graz.at
⌨ ORCID:0000-0003-2097-1333

Work Experience

2023	**PostDoc**, *Institut Zentrum für Informationsmodellierung* , University of Graz, Austria.
2022 – 2023	**Maternity leave**, *(11 months)*.
2019 – 2023	**PostDoc**, *Austrian Center for Digital Humanities*, Austrian Academy of Sciences, Vienna.
2018	**Maternity leave**, *(6 months)*.
2017 – 2019	**PostDoc**, *Computer Science Department*, University of Turin, Italy.
2014 – 2017	**PhD Student**, *Computer Science Department*, University of Turin, Italy.
2012	**Internship**, *BCAM-Basque Center for Applied Mathematics*, Bilbao, Spain.

Education

2014–2017	**PhD in Computer Science**, *University of Turin*, Italy.
2012	**Erasmus Placement**, *Basque Center for Applied Mathematics*, Bilbao, Spain.
2010–2013	**MSc in Computer Science**, *University of Pisa*, Italy.
2009	**Erasmus**, *Université de Bordeaux 1*, France.
2004–2009	**BSc in Mathematics**, *University of Pisa*, Italy.

Publications

Journals Articles

2023	**M. Tambuscio**, M. Tschiggerl, "#schleichdiduoaschloch" Terror, Collective Memory, and Social Media. Social Media + Society, 9(3).
2020	A.Semeraro, **M.Tambuscio**, S.Ronchiadin, G. Ruffo, Structural inequalities emerging from a large wire transfers network, Applied Network Science, 5(1), 1-35.
2019	**M.Tambuscio**, G. Ruffo, Urban Legends Spreading in a Segregated Society, Applied Network Science, (2019) 4(1), p.116.
2019	M.Lai, **M.Tambuscio**, V.Patti, G. Ruffo, P. Rosso, Stance Polarity in Political Debates: a Diachronic Perspective of Network Homophily and Conversations on Twitter, Data and Knowledge Engineering (2019), 124, 101738.
2018	**M.Tambuscio**, D.F.M. Oliveira, G.L. Ciampaglia, G. Ruffo, Network segregation in a model of misinformation and fact checking, Journal of Computational Social Science (2018) 1: 261.

Peer-reviewed conference proceedings

2021	**M. Tambuscio**, T. L. Andrews, Geolocation and Named Entity Recognition in Ancient Texts: A Case Study about Ghewond's Armenian History. Proceedings CHR2021 http://ceur-ws. org ISSN 1613: 0073
2020	E. Sulis, **M. Tambuscio**. Simulation of misinformation spreading processes in social networks: an application with NetLogo. In 2020 IEEE 7th International Conference on Data Science and Advanced Analytics (DSAA)(pp. 614-618).
2017	M.Lai, **M.Tambuscio**, V.Patti, G. Ruffo, P. Rosso, Extracting Graph Topological Information and Users' Opinion, In: Experimental IR Meets Multilinguality, Multimodality, and Interaction: 8th International Conference of the CLEF Association, CLEF 2017, Dublin, Ireland, September 11-14, 2017, Proceedings. Springer, 2017. p. 112.

2015 **M.Tambuscio**, G. Ruffo, A. Flammini, F.Menczer, Fact-checking effect on viral hoaxes: A model of misinformation spread in social networks, In Proceedings of the 24th International Conference on World Wide Web (WWW '15 Companion). ACM, New York, NY, USA, 977-982.

Conference Presentations and Invited Talks

2023 Network Science in Digital History and Prosopography, **DigitalAcademy2023**, (online) Bielefeld - Germany

2021 Geolocation and Named Entity Recognition in Ancient Texts: A Case Study about Ghewond's Armenian History, **CHR2021**, (online) Berlin - Germany

2021 Information Spreading Processes and Polarisation, **Invited Talk** at **Digital Europe Economic Seminars**, (online) University of Warsaw, Poland

2021 Diachronic analysis of co-occurrences networks: a case study on Staribacher diaries and Austrian politics, **DH42021**, (online) Berlin - Germany

2017 Misinformation, fact-checking and gullible communities,
- **International Lipari School: Complex networks**, Lipari - Italy
- **Invited Talk** at Center for Network Science, CEU, Budapest - Hungary

2016 Network Segregation and the Spread of Misinformation, **NetSci2016**, Seoul - South Korea

2015 Fact-checking effect on viral hoaxes: a model of misinformation spread in social networks,
- **PARIDE - PAtteRns for Information DiscovEry,** workshop, Valencia, Spain
- **IC2S2 15**, Helsinki - Finland
- **NetSci2015**, Zaragoza - Spain
- **RDSM2015 - WWW15**, Florence - Italy

Posters

2023 Diachronic evolution of Prosopographical Networks **GraphHNR**, Mainz - Germany

2021 #schleichdiduoaschloch. Terror und kollektive Erinnerung auf Twitter, **HistorikerTag 2021**, (virtual) Munich - Germany

2020 Fact-checking strategies to limit misinformation spreading, **Netsci2020**, (online) Rome - Italy

2018 Emerging behavioural patterns in financial transaction data, **CompleNet2018**, Boston - USA

Temporal Evolution on Stance Detection, **IC2S2**, Cologne - Germany

2017 Network analysis of behavioral patterns in financial transactions, **NetSci 2017**, Indianapolis - USA

2015 Understanding the attraction dynamics of geolocated hashtags, **CSSWS**, Cologne - Germany

2013 Worst-case (in)efficiency of a congested duopoly on equilibria, **AlgoGT 2013**, Grenoble - France

Teaching

University Courses

2022 Social media data: extraction and analysis (5ECTS) - University of Vienna, Master in Digital Humanities

2014-2017 Lecturer in the course of Complex Networks - University of Turin, Master in Computer Science

Schools

2020 Teacher at ACDH Digital Prosopography Summer School for scholars

2020 Teacher at OEAW Artificial Intelligence Winter School for undergraduate students

Other Activity

PC member   NetSci, NetSciX, CompleNet, DSAA, EurosymposiumCSS

Organizer   Network Science meets Digital History and Prosopography - Satellite Event at Netsci2023

Reviewer   *Journals*: PlosOne, Physics Letters A; INS Information Science; Applied Network Science; Humanities and Social Sciences Communications; Scientific Reports

Conferences: TheWebConf, NetSci, WWW, ICWSM, WebSci, IC2S2, SocInfo, DataWiz