MANOEL HORTA RIBEIRO   manoel.hortaribeiro@epfl.ch

Education

Ph.D. in Computer Science	2019 – 2024

École Polytechnique Fédérale de Lausanne (EPFL), Lausanne, Switzerland
Advisor: Robert West

M.S. in Computer Science	2017 – 2019

Universidade Federal de Minas Gerais (UFMG), Belo Horizonte, Brazil
Advisors: Wagner Meira Jr, Virgílio Almeida

B.S. in Computer Science	2013 – 2017

Universidade Federal de Minas Gerais (UFMG), Belo Horizonte, Brazil

Awards and Honors

Thesis Distinction Award (EPFL)	2024
Best Paper Award (ICWSM)	2024
Forbes 30 under 30 (Europe)	2023
Best Reviewer Award (ICWSM)	2022, 2023
EPFL Best Teaching Assistant Award	2022
Facebook Computational Social Science Fellowship ($84,000)	2021 – 2022
Best Paper Honorable Mention CSCW	2021
Best Dissertation Brazilian Computing Association (3rd Place)	2020
Featured in Altmetric's 100 most influential papers	2019
Google Latin America Research Award ($9,000)	2018

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Media Coverage: My work has received extensive media coverage from NBC News, WIRED, DER SPIEGEL, Rolling Stone, El País, etc. See https://manoelhortaribeiro.github.io/press for more.

Work Experience

Princeton University, Princeton, NJ, USA	2025 – now

Assistant Professor, Computer Science Department

Microsoft Research, Redmond, WA, USA	2023

Research intern under Siddharth Suri and Teny Shapiro

Reddit, San Francisco, CA, USA	2023

Research contractor under Sanjay Kairam *(remote)*

Meta, San Francisco, CA, USA	2021–2022

Research contractor under Justin Cheng *(remote)*

Facebook, San Francisco, CA, USA	2021

Research intern under Justin Cheng *(remote)*

Service

Area chair for CHI 2023, 2024 (Understanding People – Quantitative Methods).

PC member for TTO 2020, TTO 2022, AAAI 2021, ICWSM 2020, ICWSM 2021, ICWSM 2022, ICWSM 2023. IC2S2 2021, IC2S2 2022, IC2S2 2023.

Ad-hoc reviewer for ACM Transactions in Social Computing, ACM Transactions on the Web, PLOS One, EPJ Data Science, CSCW 2021, CSCW 2022, CSCW 2023.

Teaching

Machine Behavior, COS 598, Princeton University	2025
Applied Data Analysis, CS-401, EPFL	2020 – 2023
Head teaching assistant — 617 students in the 2023 edition.	
Data Visualization, COM-480, EPFL	2021 – 2022
Teaching assistant — 108 students in the 2022 edition.	
Algorithms and Data Structures III, DCC005, UFMG	2018
Teaching assistant — Around 100 students.	

Invited Talks

Machine Persuasion . . . .

Social Media + AI Group, Stanford University, Stanford (Remote)	2025
Community Data Science Collective, Remote	2025
Princeton Language and Intelligence, Princeton University, Princeton	2025

Content Curation in Online Platforms . . . .

University of California San Diego, San Diego	2025
Cornell, Ithaca	2024
Princeton University, Princeton	2024
University of Washington, Seattle	2024
University of Zürich, Zürich	2024
LMU Munich, Munich (remote)	2024

Does Enterprise Social Media Shape Communication Networks? . . . .

Microsoft, Redmond	2023

Measuring the Impact of Content Moderation . . . .

Google, New York (remote)	2023
UCL, London (remote)	2023
ETH Chair of Systems Design, Zürich	2022
Meta Economics Interest Group, Menlo Park (remote)	2022

Do Platform Migrations Harm the Effectiveness of Content Moderation? . . . .

Google, Zürich	2022
ETH Immigration Policy Lab, Zürich	2022
Facebook Core Data Science, Menlo Park (remote)	2021

Auditing Radicalization Pathways on YouTube . . . .

Raditube Workshop, Tec de Monterrey, Monterrey (remote)	2023
Hochschule der Künste Bern, Bern	2022
Google, Zürich	2020
MILA, Montréal (remote)	2020

Research Mentoring

Semester projects at EPFL (subsequent position in parenthesis)
2019: Thomas Spilsbury (Ph.D. at Aalto University)
2020: Olivier Lam (Nestlé), Robin Mamie (Fed. Sup. Court), Stanislas Jouven (Firmenich)
2021: Deniz Ira (Swisscom), Marie Reignier-Tayar (Greenly), Leopaul Boessinger (Oracle)
2022: Francis Murray, Marie Biolková (Swisscom), Jordi Martinell (SBB), Mihaela Berezantev (ELCA)
2023: Mateo Echeverry Hoyos (Microsoft)

Master theses at EPFL (subsequent position in parenthesis)

Julia Majkowska (Google)	2022
Tiancheng Hu (Ph.D. at Cambridge)	2022
Maciej Styczen (Uber)	2023
Leopaul Boessinger (Oracle)	2023
Paula Rescala (Datadog)	2023
Francesco Salvi	2023

Others

Barbara Gomes Ribeiro (undergraduate student; Google)	2020
Breno Matos (summer intern; Kunumi)	2020
Veniamin Veselovsky (research assistant; Princeton)	2022–2023
Giuseppe Russo (visiting Ph.D. student; EPFL)	2023
Thorsten Ruprechter (visiting Ph.D. student; Amazon)	2023

Selected Publications

For full list, see Google Scholar. Citations: 3632, h-index: 23
⊕: Papers with students I mentored † : Shared authorship

(29) **The AI Review Lottery: Widespread AI-Assisted Peer Reviews Boost Paper Scores and Acceptance Rates**
Giuseppe Russo Latona, Manoel Horta Ribeiro, Tim R. Davidson, Veniamin Veselovsky, Robert West
Proceedings of the ACM on Human-Computer Interaction (CSCW), 2025 (to appear)

(28) **Protection from Evil and Good: The Differential Effects of Page Protection on Wikipedia Article Quality**
Thorsten Ruprechter, Manoel Horta Ribeiro, Robert West, Denis Helic
Proceedings of the International Conference on the Web and Social Media (ICWSM), 2025 (to appear)

(27) **On the Conversational Persuasiveness of Large Language Model**
Francesco Salvi, Manoel Horta Ribeiro, Riccardo Gallotti, Robert West
Nature Human Behavior, 2025 (to appear)

(26) **Post Guidance for Online Communities**
Manoel Horta Ribeiro, Ryan Lewis, Robert West, Sanjay Kairam
Proceedings of the ACM on Human-Computer Interaction (CSCW), 2025 (to appear)

(25) **Deplatforming Norm-Violating Influencers on Social Media Reduces Overall Online Attention Toward Them**⊛
Manoel Horta Ribeiro, Shagun Jhaver, Jordi Cluet i Martinell, Marie Reignier-Tayar, Robert West
Proceedings of the ACM on Human-Computer Interaction (CSCW), 2025 (to appear)

(24) **Prevalence and prevention of large language model use in crowd work**
Veniamin Veselovsky,[†] Manoel Horta Ribeiro,[†] Phillip Cozzolino, Andrew Gordon, David Rothschild, Robert West
Communications of the ACM (to appear), 2025 (to appear)

(23) **Can Language Models Recognize Convincing Arguments?**⊛
Paula Rescala, Manoel Horta Ribeiro, Tiancheng Hu, Robert West
Findings of the Association for Computational Linguistics: EMNLP, 2024

(22) **Stranger danger! Cross-community interactions with fringe users increase the growth of fringe communities on Reddit**⊛
Giuseppe Russo, Manoel Horta Ribeiro, Robert West
Proceedings of the International Conference on the Web and Social Media (ICWSM), 2024
⋆ **Best Paper Award**

(21) **Causally estimating the effect of YouTube's recommender system using counterfactual bots**
Homa Hosseinmardi, Amir Ghasemian, Miguel Rivera-Lanas, Manoel Horta Ribeiro, Robert West, Duncan J Watts
Proceedings of the National Academy of Sciences of the United States of America, 2024

(20) **Automated content moderation increases adherence to community guidelines**
Manoel Horta Ribeiro, Justin Cheng, Robert West
Proceedings of the ACM Web Conference, 2023

(19) **Deplatforming Parler did not decrease consumption of fringe social media**
Manoel Horta Ribeiro, Homa Hosseinmardi, Robert West, Duncan J Watts
PNAS Nexus, 2023

(18) **The Amplification Paradox in Recommender Systems**⊛
Manoel Horta Ribeiro, Veniamin Veselovsky, Robert West
Proceedings of the International Conference on the Web and Social Media (ICWSM), 2023

(17) **Quotatives Indicate Decline in Objectivity in US Political News**⊛
Tiancheng Hu, Manoel Horta Ribeiro, Robert West, Andreas Spitz
Proceedings of the International Conference on the Web and Social Media (ICWSM), 2023

(16) **Spillover of Antisocial Behavior from Fringe Platforms: The Unintended Consequences of Community Banning**⊗
Giuseppe Russo, Luca Verginer, Manoel Horta Ribeiro, Giona Casiraghi
Proceedings of the International Conference on the Web and Social Media (ICWSM), 2023

(15) **Understanding Online Migration Decisions Following the Banning of Radical Communities**⊗
Giuseppe Russo, Manoel Horta Ribeiro, Giona Casiraghi, Luca Verginer
Proceedings of the ACM Web Science Conference, 2023

(14) **Post approvals in online communities**
Manoel Horta Ribeiro, Justin Cheng, Robert West
Proceedings of the International Conference on the Web and Social Media (ICWSM), 2022

(13) **Characterizing Alternative Monetization Strategies on YouTube**
Yiqing Hua,[†] Manoel Horta Ribeiro,[†] Thomas Ristenpart, Robert West, Mor Naaman
Proceedings of the ACM on Human-Computer Interaction (CSCW), 2022

(12) **Volunteer contributions to Wikipedia increased during COVID-19 mobility restrictions**⊗
Thorsten Ruprechter, Manoel Horta Ribeiro, Tiago Santos, Florian Lemmerich, Markus Strohmaier, Robert West, Denis Helic
Nature Scientific Reports, 2022

(11) **Analyzing the Sleeping Giants Activism Model in Brazil**⊗
Bárbara Gomes Ribeiro, Manoel Horta Ribeiro, Virgílio Almeida, Wagner Meira Jr
Proceedings of the ACM Web Science Conference, 2022

(10) **Do Platform Migrations Compromise Content Moderation? Evidence from r/The_Donald and r/Incels**
Manoel Horta Ribeiro, Shagun Jhaver, Savvas Zannettou, Jeremy Blackburn, Emiliano De Cristofaro, Gianluca Stringhini, Robert West
Proceedings of the ACM on Human-Computer Interaction (CSCW), 2021
★ **Best Paper Award (Honorable Mention)**

(9) **The Evolution of the Manosphere across the Web**
Manoel Horta Ribeiro, Jeremy Blackburn, Barry Bradlyn, Emiliano De Cristofaro, Gianluca Stringhini, Summer Long, Stephanie Greenberg, Savvas Zannettou
Proceedings of the International Conference on the Web and Social Media (ICWSM), 2021

(8) **Sudden Attention Shifts on Wikipedia During the COVID-19 Crisis**
Manoel Horta Ribeiro,[†] Kristina Gligorić,[†] Maxime Peyrard, Florian Lemmerich, Markus Strohmaier, Robert West
Proceedings of the International Conference on the Web and Social Media (ICWSM), 2021

(7) **Are anti-feminist communities gateways to the far right? Evidence from Reddit and YouTube**⊗
Robin Mamié, Manoel Horta Ribeiro, and Robert West
Proceedings of the ACM Web Science Conference, 2021.

(6) **YouNiverse: Large-scale channel and video metadata from English-speaking YouTube**
Manoel Horta Ribeiro, Robert West
Proceedings of the International Conference on the Web and Social Media (ICWSM), 2021

(5) Deep neural network estimated electrocardiographic-age as a mortality predictor

Emilly M Lima, Antônio H Ribeiro, Gabriela MM Paixão, Manoel Horta Ribeiro, Marcelo M Pinto Filho, Paulo R Gomes, Derick M Oliveira, Ester C Sabino, Bruce B Duncan, Luana Giatti, Sandhi M Barreto, Wagner Meira, Thomas B Schön, Antonio Luiz P Ribeiro

Nature Communications, 2021

(4) Auditing radicalization pathways on YouTube

Manoel Horta Ribeiro, Raphael Ottoni, Robert West, Virgílio Almeida, Wagner Meira Jr

Proceedings of the ACM Conference on Fairness, Accountability, and Transparency. 2020.

★ **Top 100 most discussed paper in 2019 per Altmetrics, 3rd most discussed in CS.**

(3) Automatic diagnosis of the 12-lead ECG using a deep neural network

Antônio H Ribeiro, Manoel Horta Ribeiro, Gabriela MM Paixão, Derick M Oliveira, Paulo R Gomes, Jéssica A Canazart, Milton PS Ferreira, Carl R Andersson, Peter W Macfarlane, Wagner Meira Jr, Thomas B Schön, Antonio Luiz P Ribeiro

Nature Communications, 2020

(2) Message distortion in information cascades

Manoel Horta Ribeiro, Kristina Gligorić, Robert West

Proceedings of the ACM Web Conference, 2019

(1) Characterizing and detecting hateful users on Twitter

Manoel Horta Ribeiro, Pedro H Calais, Yuri A Santos, Virgílio AF Almeida, Wagner Meira Jr

Proceedings of the International Conference on the Web and Social Media (ICWSM), 2018