

## PUBLICATIONS

- Serrano, JC Medina; Papakyriakopoulos, O; Hegelich, S. Dancing to the Partisan Beat: A First Analysis of Political Communication on TikTok. In 12th ACM Conference on Web Science 2020
- Serrano, JC Medina; Papakyriakopoulos, O.; Shahrezaye, M.; Hegelich, S. The Political Dashboard: A Tool for Online Political Transparency. In Proceedings of the International AAAI Conference on Web and Social Media (Vol. 14, pp. 983-985), 2020.
- Papakyriakopoulos, O; Serrano, JC Medina; Hegelich, S; Marco, F; Bias in Word Embeddings, In Proceedings of the Conference on Fairness, Accountability, and Transparency, ACM, 2020
- Papakyriakopoulos, O; Serrano, JC Medina; Hegelich, S; Political Communication on Social Media: A Tale of Hyperactive Users and Bias in Recommender Systems, Online Social Networks and Media 15, 2019
- Papakyriakopoulos, O; Shahrezaye, M; Serrano, JC Medina; Hegelich, S; Distorting Political Communication: The Effect Of Hyperactive Users In Online Social Networks,IEEE INFOCOM 2019-IEEE Conference on Computer Communications Workshops (INFOCOM WKSHPS),157-164,IEEE, 2019
- Shahrezaye, M; Papakyriakopoulos, O; Serrano, JC Medina; Hegelich, S; Estimating the Political Orientation of Twitter Users in Homophilic Networks, 2019 AAAI Spring Symposium Series, 2019
- Serrano, JC Medina; Shahrezaye, M; Papakyriakopoulos, O; Hegelich, S; The Rise of Germany's AfD: A Social Media Analysis, Proceedings of the 10th International Conference on Social Media and Society,214-223, ACM, 2019
- Shahrezaye, M; Papakyriakopoulos, O; Serrano, JC Medina; Hegelich, S; Measuring the Ease of Communication in Bipartite Social Endorsement Networks: A Proxy to Study the Dynamics of Political Polarization, Proceedings of the 10th International Conference on Social Media and Society, 158-165,ACM, 2019
- Papakyriakopoulos, O; Hegelich, S; Shahrezaye, M; Serrano, JC Medina; Social media and microtargeting: Political data processing and the consequences for Germany,Big Data & Society, 5, 2, 2053951718811844, SAGE Publications Sage UK: London, England, 2018
- Serrano, JC Medina; Hegelich, S; Shahrezaye, M; Papakyriakopoulos, O; Social Media Report: The 2017 German Federal Elections, 2018, TUM University Press
- Engelmann, S; Grossklags, J; Papakyriakopoulos, O; A Democracy called Facebook? Participation as a Privacy Strategy on Social Media, Privacy Technologies and Policy: 6th Annual Privacy Forum, APF 2018, Barcelona, Spain, June 13-14, 2018, Revised Selected Papers, 2018
- Thieltges, A; Papakyriakopoulos, O; Serrano, JC Medina; Hegelich, S; Effects of Social Bots in the Iran-Debate on Twitter, arXiv preprint arXiv:1805.10105, 2018
- Papakyriakopoulos, O; Shahrezaye, M; Thieltges, A; Serrano, JC Medina; Hegelich, S; ,Social media und microtargeting in Deutschland, Informatik-Spektrum,40,4,327-335,2017,Springer Berlin Heidelberg
- Gerolymos, Nikos; Papakyriakopoulos, O; ,Macroelement Modelling of Laterally Loaded Piles and Pile-groups, 1st International Conference on Natural Hazards & Infrastructure 28-30 June, 2016, Chania, Greece, 2016
- Gerolymos, Nikos; Papakyriakopoulos, O; Brinkgreve, RBJ; ,Macroelement modeling of piles in

cohesive soil subjected to combined lateral and axial loading, *Analytical Methods in Petroleum Upstream Applications*, 373, CRC Press, 2015

## CONFERENCE PRESENTATIONS

Papakyriakopoulos, O; Serrano, JC Medina; Hegelich, S. A First Analysis of Political Communication on TikTok. In *International Conference of Computational Social Science 2020 (IC2S2 2020)*.

Bhargava, R. Dave, A., Papakyriakopoulos, O (2020). Investigating Attention and Influence Online with Media Cloud. In: *ICWSM 2020 Tutorials, 14th International Conference on Web and Social Media*, Atlanta, 8-11 June 2020

Shahrezaye, M., Meckel, M., Hegelich, S. Papakyriakopoulos, O (2020). Estimating the Political Orientation of Twitter Users Using Network Embedding Algorithms. In: *70th Annual ICA Conference, Open Communication*, Australia, 21-25 May 2020.

Papakyriakopoulos, O. (2019). Scraping the demos from text: Political Research in the age of data-intensive natural language processing. In: *Scraping the demos, Political Epistemologies of Big Data*. Berlin 8-9.July 2019

Papakyriakopoulos, O., Marco F., & Hegelich, S. (2018). Vectors against Social Discrimination. *European Symposium Series on Societal Challenges in Computational Social Science 2018*. 05-07.12.18. Cologne, Germany

Medina S., J. C., Shahrazaye, M., Papakyriakopoulos, O., & Hegelich, S. (2018). The rise of the AfD: A social media analysis. *The Internet, Policy & Politics Conference 2018*. 20-21.09.18. Oxford, UK

Papakyriakopoulos, O., Shahrezaye, M., Hegelich, S. (2018). The effect of Hyperactive Users on Political Communication in Facebook. *IPSA 25th World Congress of Political Science*. Brisbane, Australia.

Shahrezaye, M., Papakyriakopoulos, O., Hegelich, S. (2018). Estimating the Political Orientation of Social Media Users Using Concepts from Spectral Network Theory. *IPSA 25th World Congress of Political Science*. Brisbane, Australia.

Shahrezaye, M., Papakyriakopoulos, O., Hegelich, S. (2017). Social Media and Politically hyperactive users in Germany. *Political Science in the Digital Age. IOSA 2017 International Conference*. 4-6.12.2017, Hannover, Germany.

Papakyriakopoulos, O. (2017). Some Epistemological issues in the verification of economic models. In *EIPE 20th Anniversary Conference, Erasmus Institute for Philosophy & Economics Erasmus, University Rotterdam*. 22-24 March, 2017.

Gerolymos, N, Papakyriakopoulos, O. (2016) Macroelement Modelling of Laterally Loaded Piles. In *11th HSTAM International Conference on Mechanics*. Athens, Greece, 27 – 30 May

## INVITED TALKS

Algorithms and Social Media (2019) Study Commission on Artificial Intelligence of the German Parliament, Berlin

The Digital Public Sphere: How does Digitalization affect the functioning of Democracy? (2019) *International Workshop on Digitalization and Democracy*, Rio de Janeiro, Brazil.

Fragmenting the Public Sphere: Does Microtargeting indeed influence political opinion? (2019) *International Workshop on Digitalization and Democracy*, Rio de Janeiro, Brazil.

Data Science: How to analyse social media and big data in political science and law? (2019) International Workshop on Digitalization and Democracy, Rio de Janeiro, Brazil.

Manipulation on social media. (2019). Trierer Gespräche, Trier University, Germany.

The algorithmic manipulation of political communication on social media. (2019) Ringvorlesung Digitalisierung, Passau University, Germany.

Democracy and the Digital Mana of Populism. (2018) Lecture series: The Revolution will not be Supervised, TU Munich, Germany.

On Artificial Intelligence and Social Media. (2018) 47. Innovation night, Industrial Federation Voralberg, Austria.

On Big Data and Property. (2017) Lecture series: The Digital Revolution, TU Munich, Germany.

**MEDIA INTERVIEWS & CONTRIBUTIONS** On Online Campaigning: How Germany's Emerging Extremist Party Clinched the Internet. (2019). Grady Newsource. <http://gradynewssource.uga.edu/how-germanys-emerging-extremist-party-clinched-the-internet/>

On Online Campaigning: The AfD and the Bots (2019). IN PR Report Issue 5.

On Artificial Intelligence: Handelsblatt (2019). Angriffsziel Europawahl: Der Kampf gegen Fake News und Hetze. <https://www.handelsblatt.com/politik/international/soziale-medien-angriffsziel-europawahl-der-kampf-gegen-fake-news-und-hetze/24376034.html?ticket=ST-2639617-5tOKYFGvbpbMJUlbrQt-ap1>

On Online Campaigning: euroactive.de (2019). Sonneborn und Meuthen Spitzenreiter in sozialen Medien <https://www.euractiv.de/section/europawahlen/news/sonneborn-und-meuthen-spitzenreiter-in-sozialen-medien>

On Online Campaigning: ZDF Heute plus (2018). Wahlkampf im Netz. <https://www.zdf.de/nachrichten/heute-plus/videos/heuteplus-beitrag-148.html>

On Online Falsehood: Deutschlandfunk Nova (2018). Apple und Facebook filtern unterschiedlich Timeline ohne Fake-News <https://www.deutschlandfunknova.de/beitrag/fake-news-wo-menschen-und-maschinen-filtern>

On Social Bots: Jana Gambusz (2018) Social Bots: eine Bestandsaufnahme. <http://metamedia.jour.at/2018/01/23/social-bots-eine-bestandsaufnahme/>

On Microtargeting: SAT.1 Bayern (2017) Wahlkampf im Internet: Wie kann ich Manipulationen erkennen?.

On Social Bots: Dietel, B. (2017) Trackback. Radio Fritz. Retrieved 06 Oktober 2017 from <https://www.fritz.de/programm/sendungen/sendungen/40/trackback/2017/170923-trb-536-bruno-dietel.html>

On Social Bots: Brandt, Jennifer Lepies Mathias. (2017) "Statistik der Woche: Wenig Bots bei Merkel und Schulz." Technology Review, 18 July 2017, [www.heise.de/tr/artikel/Statistik-der-Woche-Wenig-Bots-bei-Merkel-und-Schulz-3773369.html](http://www.heise.de/tr/artikel/Statistik-der-Woche-Wenig-Bots-bei-Merkel-und-Schulz-3773369.html). Accessed 24 Aug. 2017.

On Microtargeting: Brühl, J. (2017). Können Parteien mit personalisierter Werbung die Wahl manipulieren? Retrieved August 24, 2017, from <http://www.sueddeutsche.de/digital/wahlkampf->

in-sozialen-medien-koennen-parteien-mit-personalisierter-werbung-die-wahl-manipulieren-1.3581781

On Social Bots: Pruenster, G.(2017). Hashtag. Retrieved June 24, 2017, from <http://mediathek.m945.de/?podcast=hashtag-vom-25-06-mit-greta-pruenster>, Radio Interview, M94,6

## BLOG POSTS

Civic Machines Now! (2019) <http://civimachines.com>

Zwischen #AfDErfolg und Medienberichten gibt es einen kausalen Effekt. (2019)  
<http://politicaldatascience.blogspot.com/2017/09/zwischen-afderfolg-und-medienberichten.html?q=papakyriakopoulos>

What were the main topics president Obama wrote about on Facebook? (2018)  
<http://bedatify.com/BLOG/ObamaTopicModelling/blog.htm>