

Kiran Garimella

CONTACT INFORMATION	Rutgers University https://gvrkiran.github.io/	Email: kiran.garimella@rutgers.edu
EDUCATION	PhD in Computer Science , Aalto University Helsinki, Finland	2014-2018
	Bachelors and Masters in Computer Science , IIIT Hyderabad Hyderabad, India	2006-2011
ACADEMIC POSITIONS	Rutgers School of Communication and Information Assistant Professor	Sep 2021
	MIT Initiative on the Digital Economy Fellow	Sep 2021 - Current
	Institute for Data, Society and Systems, MIT Michael Hammer Postdoc	Mar 2019 - Aug 2021
	École Polytechnique Fédérale de Lausanne , Postdoc	Mar 2018 - Mar 2019
GRANTS	<ul style="list-style-type: none">• Crisis Communication Over Encrypted Mobile Messaging Apps for Vulnerable Populations, Rutgers School of Communication and Information – Grants for Team based Faculty Research. co-PI. USD 25,000 (June 2025).• Google Cloud Research grants, Google. PI. USD 5,000 API Credits. (April 2025).• Open AI Research grants, Open AI. PI. USD 5,000 API Credits. (January 2025).• Understanding the Diverse Uses of Generative AI by Students, the Elderly, and Minority Communities, Rutgers School of Communication and Information – Grants for Individual Faculty Research. PI. USD 5,000 (December 2024).• Data, Discrimination, and Dignity: Quantitative Study on AI Surveillance and Algorithmic Wage Bias in Gig Work, Rutgers School of Communication and Information – Grants for Individual Faculty Research. PI. USD 5,000 (December 2023).• Rutgers Computational Social Science Lab. Rutgers University School of Communication and Information. Co-PI. USD 14,000 (May 2023).• Towards a Privacy-Preserving Framework for the Study of Misinformation on Private, Encrypted Social Networks. NSF Secure and Trustworthy Computing. PI. USD 600,000 (March 2023).• Co-Insights – Fostering community collaboration to combat misinformation. NSF Convergence grant (Phase 2). Co-PI. USD 5,000,000 (September 2022).• Community Driven Fact-checking on Encrypted Chat Platforms: Who fact-checks whom, why and with what effect?. Google Faculty Research Award. PI. USD 60,000 (June 2022).• Sharing Questionable Information Through Close-Knit Chats: How False Information and Rumor Spreads on Encrypted Messaging Apps Within Communities of Color. Knight Foundation. Co-PI. USD 275,000 (March 2022).• Pathways to Online Radicalization: Designing Sociotechnical Solutions to Address Online Masculine Toxicity & Radicalization. Rutgers School	

of Communication and Information – Scholarly Futures Award. Co-PI. USD 4,000 (October 2021).

- **WhatsApp Monitor: A System for Fact-checking WhatsApp Content from Diaspora Communities**, Rutgers School of Communication and Information – Grants for Individual Faculty Research. PI. USD 4,000 (October 2021).
- **The Violence Archive India**. Emergent Ventures fund. Co-PI. USD 25,000 (October 2021).
- **FACT CHAMP – Fact-checker, Academic, and Community Collaboration Tools: Combating Hate, Abuse, and Misinformation with Minority-led Partnerships**. NSF Convergence grant (Phase 1). Co-PI. USD 750,000 (September 2021).
- **Refugee Return in the Internet Era: Social Media Narratives from North Syria**. WorldBank and UNHCR. Co-PI. USD 25,000 (June 2021).
- **Encrypted Messaging Research**. Omidyar Foundation. Co-PI. USD 375,000 (January 2021).
- **Viral misinformation on closed communication platforms**. MIT Sloan Junior researcher grant. Co-PI. USD 30,000 (September 2020).
- **Urban Dictionary as a linguistic lexion**. Alan Turing Institute. Co-PI. GBP 70,000 (September 2018).

ACADEMIC HONOURS

- Adamic-Glance Distinguished Young Researcher Award winner, 2024.
- Excellence in research award, Library and Information Science Department at Rutgers, 2023.
- Best paper award runner up. Journal of Quantitative Description, 2023 (top 2 among 80 published papers).
- Best paper award at ICWSM 2021.
- Best student paper award at WebScience 2017.
- Best student paper award at WSDM 2017.
- Best presentation award, Best paper nomination at SocInfo 2014.
- Best reviewer award at ICWSM 2020.
- Recipient of SIGIR travel grant (thrice) for CIKM 2015, WSDM 2016, WSDM 2017, SIGWEB grant (twice) for Hypertext 2014, WebScience 2017, and AAAI grant for ICWSM 2017.
- Selected for the Heidelberg Laureate Forum Young Researcher fellowship 2020.

INVITED TALKS

- Invited panelist at by the Annual Digital Defence Symposium by S. Rajaratnam School of International Studies at Nanyang Technological University. Singapore. (July 2025).
- Keynote speaker at ICWSM 2025. Copenhagen, Denmark. (June 2025).
- Invited panelist at “Social Media Radicalization” Preconference at ICA 2025. Denver, Colorado. (May 2025).
- Invited research visit at Hong Kong University of Science and Technology. Guangzhou, China. (May 2025).
- Invited talk at University of Pennsylvania at Center for Information Networks and Democracy workshop on The Impact of AI on (Mis)Information. Philadelphia, Pennsylvania. (April 2025).
- Invited speaker at ‘The Encryption Debate: Disinformation and Extreme Speech on WhatsApp, Telegram and Global Messaging Apps’ at LMU Munich. Remote. (April 2025).

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- Invited speaker at Social Media and Society in India conference. Ann Arbor, Michigan. (April 2025).
 - Panelist in discussion on 'Information Integrity in the Digital Age' by Library and Information Science Student Association. New Brunswick, New Jersey. (March 2025).
 - Invited research visit at the Max Planck Institute for Demographic Research. Rostock, Germany. (February 2025).
 - Invited talk at Technical University Vienna. Vienna, Austria. (January 2025).
 - Invited talk at Technical University Munich. Munich, Germany. (January 2025).
 - Invited talk at Saarland University. Saarbrücken, Germany. (January 2025).
 - Invited talk at Max Planck Institute for Informatics. Saarbrücken, Germany. (January 2025).
 - Invited research visit at LMU Munich. Munich, Germany. (January 2025).
 - Invited talk at the University of Iowa. Iowa City, Iowa. (December 2024).
 - PhD Opponent for Xi Chen at Columbia University. New York City, New York. (September 2024).
 - Invited speaker at SICSS University of Pennsylvania 2024. Philadelphia, Pennsylvania. (July 2024).
 - Invited speaker at SICSS Rutgers 2024. New Brunswick, New Jersey. (June 2024).
 - Invited speaker at the Research coordination meeting at NYU's Center for Social Media & Politics. New York City, New York. (May 2024).
 - Invited speaker at the Political Economy workshop at the Center for Advanced Study of India at University of Pennsylvania. Philadelphia, Pennsylvania. (May 2024).
 - Invited talk with the Reporters Collective in India. Online. (April 2024).
 - Invited talk at Northeastern University Network Science Institute. (April 2024).
 - Invited talk at CCICADA Seminar Series in Homeland Security. Rutgers university. (March 2024).
 - Invited talk at Integrity Workshop at Web Search and Data Mining Conference. Yucatán, Mexico. (March 2024).
 - Invited keynote speaker at the International Middle East Conference, Hamad Bin Khalifa University. Doha, Qatar. (February 2024).
 - Invited talk at the SC&I winter writing workshop on the use of ChatGPT for academic research, New Brunswick, New Jersey. (January 2024).
 - Invited talk at Cornell Tech. New York City, New York. (November 2023).
 - Invited speaker at the Saxena Center for South Asian studies, Brown University. Providence, Rhode Island. (October 2023).
 - Invited member, panel of experts at ASEAN Cybersecurity and Information Centre of Excellence (ACICE), the Ministry of Defence. Singapore. (July 2023).
 - Invited panelist at Disrupt, Ally, Resist, Embrace (DARE) workshop at ICWSM 2023. Limassol, Cyprus. (June 2023).
 - Invited speaker at Data Hackathon at ICWSM 2023. Limassol, Cyprus. (June 2023).
 - Invited keynote speaker at NeatClass workshop at ICWSM 2023. Limassol, Cyprus. (June 2023).
 - Invited speaker at Columbia University Computer science colloquium. New York City, New York. (May 2023).
 - Invited speaker at Misinfocon India. Online (May 2023).
 - Invited panelist on the Ethics on Chat Apps content at International Communication Association conference, Toronto, Canada. (May 2023).
 - Invited speaker at Digital Investigators Conference, Princeton University. Princeton, New Jersey. (May 2023)

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- Invited panelist at the Page Society Spring Seminar titled ‘Disinformation, Conspiracies, and Hoaxes: The Dark Side of Influence’. Brooklyn, New York. (April 2023).
 - Invited talk at the Special Interest Group at the Alan Turing Institute (UK) on Misinformation. Online. (March 2023).
 - Invited speaker at NYU Center for Data Science. New York City, New York. (March, 2023).
 - Invited lecture at the Computational Social Science course at IIIT Hyderabad, India. (February 2023).
 - Invited speaker at the Linking Online Activity to Offline Behavior workshop at Carnegie Mellon University. Pittsburgh, Pennsylvania. (January 2023).
 - Invited keynote speaker, WebMedia Conference 2022. Curitiba, Brazil. (November 2022).
 - Invited attendee at Knight Informed Conference. Miami, Florida. (November 2022).
 - Invited keynote speaker at the Distortions, Rumors, Untruths, Misinformation, and Smears workshop at Nanyang Technological University. Singapore. (November 2022).
 - Invited talk at SRI International. Princeton, New Jersey. (November 2022).
 - Invited panelist at ‘Broadening the Global Scope of Mis- and Disinformation Studies’ panel at the Truth and Trust conference. Boston, Massachusetts. (October 2022).
 - Invited lecture at the course ‘Tracking Political Sentiments Using Machine Learning’ at Rochester Institute of Technology and Carnegie Mellon University. Online. (October 2022).
 - Invited speaker at the UN Interagency Dialogue on Countering Disinformation and Promoting Data Transparency, UN Global Pulse. Online. (July 2022).
 - Invited guest, Viral networks podcast. Online. (June 2022).
 - Invited keynote speaker at the Workshop on Social Media for Emergency Response at ICWSM. Atlanta, Georgia. (June 2022).
 - Invited keynote speaker at the FEVER workshop at ACL 2022. Online. (June 2022).
 - Invited speaker at the MIT Disinformation seminar. Cambridge, Massachusetts. (April 2022).
 - Invited keynote speaker at ‘Social Media Influencers and the New Political Economy in South Asia and Africa’ at University of Michigan. Ann Arbor, Michigan. (April 2022).
 - Invited panelist at ACL Mentorship session on ‘How to become a professor’. Online. (April 2022).
 - Invited speaker at ‘AI and Ethics’ course at IIT Kharagpur. Online. (March 2022).
 - Invited speaker at Digital Traces Lab seminar at Aalto University. Online. (March 2022).
 - Invited speaker at Alan Turing Institute on Misinformation on Encrypted Platforms. Online. (March 2022).
 - Invited keynote speaker at Psychology of Media & Tech Preconference at the Society for Personality and Social Psychology (SPSP). Online. (Feb 2022).
 - Invited speaker at Rutgers SCI PhD Colloquium. New Brunswick, New Jersey. (October 2021).
 - Invited speaker in the doctoral seminar on Information Science, Sociality and Information, Rutgers University. New Brunswick, New Jersey. (October 2021).
 - Invited panelist at the AI4Dignity international workshop at the Technical University of Munich. Online (July 2021).

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- Invited speaker at the X4D series on Privacy and Participation in Social Media by the Center for Democracy and Technology. Online. (June 2021).
 - Invited speaker at the ICWSM 2021 data challenge. Online. (June 2021).
 - Invited keynote speaker at CLEF-2021 CheckThat! Lab on Detecting Check-Worthy Claims, Previously Fact-Checked Claims, and Fake News. Online. (June 2021).
 - Invited speaker at the workshop The Dynamics of Socio-Cultural Polarization: Role of Information & Communication Technologies by IIM Ahmedabad. Online. (June 2021).
 - Guest lecture in the class ‘Critical Perspectives on Data and Identity’ at MIT Political Science. Online. (May 2021).
 - Invited speaker at EU India Peoples summit, panel on Scientific Research on Misinformation and Platform Regulation. Online. (January 2021).
 - Invited speaker at United Nations Economic and Social Commission for Asia and the Pacific’s annual event on Sustainable Development on hate speech. Online. (January 2021).
 - Invited keynote speaker at the Integrity in Social Networks and Media workshop at Web Search and Data Mining Conference. Houston, Texas. (February 2020).
 - Invited panel speaker at StratCom Washington DC by the Atlantic Council. Washington DC. (October 2019).
 - Invited panel speaker at Online News Association conference. New Orleans, Louisiana. (September 2019).
 - Invited speaker at the Annual Sociological Association pre-conference on Digital Demography. New York City, New York. (August 2019).

WORKING PROJECTS

Tawfiq Ammari, Meilun Chen, Mehedi Zaman, **Kiran Garimella**. “How Students (Really) Use ChatGPT: Uncovering Experiences Among Undergraduate Students”.

Joao Cuoto, **Kiran Garimella**. “Examining (Political) Content Consumption on Facebook Through Data Donation”.

PUBLICATIONS

Note: The PDFs of all the publications can be accessed on my website <https://gvrkiran.github.io/publications.html>.

Yuxin Liu, Amin Rahimian, **Kiran Garimella**. Structural Dynamics of Harmful Content Dissemination on WhatsApp. *ICWSM*. (2025).

Kiran Garimella, Avinash Collis, Varun Karekurve Ramachandra. “Personal Experience and Public Support for Internet Shutdowns in Rural India”. *ICWSM*. (2025).

Kiran Garimella. “Political Manipulation of the Israel-Hamas Conflict on WhatsApp in India”. *International Journal of Communication*. (2025).

Kiran Garimella, “Private Sharing of Public Content on Facebook”. *Countering the Degradation of Social Media workshop at ICWSM*. (2025).

Kiran Garimella, “Community-Driven Fact-Checking on WhatsApp: Who Fact-Checks Whom, Why, and With What Effect?”. *Computational Approaches to Content Moderation and Platform Governance workshop at ICWSM*. (2025).

Kiran Garimella, Simon Chauchard. “WhatsApp Explorer: A Data Donation Tool To Facilitate Research on WhatsApp”. *Mobile Media and Communication*. (2025).

Harsha Nemani, Ponnurangam Kumaraguru, **Kiran Garimella**, “Analyzing Patterns and Influence of Advertising in Print Newspapers”. *ACM Computing and Sustainable Societies*. (2025).

Kiran Garimella, Princessa Cintahia, Bharat Nayak, Aditya Vashistha. “Global Patterns of Viral Content on WhatsApp”. *ICWSM*. (2025).

Sudhamshu Hosamane, **Kiran Garimella**. “Hate Speech Campaigns in the 2016 Philippine Elections on Facebook”. *ICWSM*. (2025).

Kiran Garimella, “Mobile Social Networks: Using WhatsApp Data for Computational Social Science Research”. Book Chapter. *Handbook of Computational Social Science*, Edward Elgar Publishing Ltd. (2025).

Kiran Garimella, Simon Chauchard. “Generative AI and Political Discourse: Insights from WhatsApp in India”. *Nature (commentary)*. (2024).

Simon Chauchard, **Kiran Garimella**. “Collecting WhatsApp Data for Social Science Research: Challenges and a Proposed Solution”. Book Chapter. *New York University Press*. (2024).

Alyvia Walters, Tawfiq Ammari, **Kiran Garimella**, Shagun Jhaver. “Online Knowledge Production in Polarized Political Memes: The Case of Critical Race Theory”. *New Media and Society*. (2024).

Shiri Dori-Hacohen, Scott Hale, **Kiran Garimella**. “Misinformation Mitigation Praxis: Lessons Learned and Future Directions from Co-Insights”. *SIGIR Symposium on IR in Practice*. (2024).

Anmol Agarwal, Pratyush Priyadarshi, Shrey Gupta, Ponnurangam Kumaraguru, **Kiran Garimella**. “Television Discourse Decoded: Comprehensive Multimodal Analytics at Scale”. *Knowledge Discovery and Data Mining (KDD)*. (2024).

Tianyi Zhou, Stefan Neuman, **Kiran Garimella**, Aristides Gionis. “Minimizing polarization and disagreement using topic-based timeline algorithms”. *Web Conference*. (2024).

Kiran Garimella, Abhilash Datta. “Unraveling the Dynamics of Television Debates and Social Media Engagement: Insights from an Indian News Show”. *Proceedings of the International AAAI Conference on Web and Social Media*. (2024).

Erin Walk, Elizabeth Parker-Magyar, **Kiran Garimella**, Ahmed Utku Akbiyik, and Fotini Christia. “Social Media Narratives on Conflict from Northern Syria”. *Journal of Politics*. (2023).

Erin Walk, **Kiran Garimella**, and Fotini Christia. “Displacement and Return in the Internet Era: How Social Media Captures Migration Decisions in Northern Syria”. *World Development*. pp. 168-201. (2023).

Punyajoy Saha, **Kiran Garimella***, Binny Matthew, and Animesh Mukherjee. “On the Rise of Fear Speech in Online Social Media”. *Proceedings of the National Academy of Sciences*. vol. 1, pp 120-132. (2023). (*corresponding author).

Martin J Riedl, Joo VS Ozawa, Samuel Woolley, and **Kiran Garimella**. “Talking

politics on WhatsApp: A survey of Cuban, Indian, and Mexican American diaspora communities in the United States”. *73rd Annual International Communication Association Conference*. (2023).

Joseph Schlessinger, **Kiran Garimella***, Maurice Jakesch, and Dean Eckles. “Effects of Algorithmic Trend Promotion: Evidence from Coordinated Campaigns in Twitters Trending Topics”. *Proceedings of the International AAAI Conference on Web and Social Media*. vol. 17, pp. 777-786. (2023). (*corresponding author).

Brian Leung, Yuan Hsiao and **Kiran Garimella**. “Decentralized yet Unifying: Digital Media and Solidarity in Hong Kong’s Anti-Extradition Movement”. *Journal of Quantitative Description: Digital Media*, vol. 2, pp. 382-422. (2022).

Carolina Coimbra Vieira, Masoomali Fatehkia, **Kiran Garimella**, Ingmar Weber, and Emilio Zagheni. “Using Facebook and LinkedIn Data to Study International Mobility”. Book chapter in *Data science for migration and mobility*, *Oxford University Press*. (2022).

Alex Moehring, Avinash Collis*, **Kiran Garimella***, Amin Rahimian*, Dean Eckles, and Sinan Aral. “Providing normative information increases intentions to accept a COVID-19 vaccine”. *Nature Communications*. vol. 14, pp. 126-153. (2023). (*equal contribution).

Simon Chauchard, and **Kiran Garimella**. “What Circulates on Partisan WhatsApp Threads in India? Insights from an Unusual Dataset”. *Journal of Quantitative Description: Digital Media*. vol. 2, pp. 193-245. (2022, **Awarded Best Paper Using Data from the Global South**).

Pushkal Agarwal, Aravindh Raman, Damiola Ibosiola, Nishanth Sastry, Gareth Tyson, and **Kiran Garimella**. “Jettisoning Junk Messaging in the Era of End-to-End Encryption: A Case Study of WhatsApp”. *Proceedings of the Web Conference*. pp. 2582-2591. (2022).

Ashkan Kazemi, **Kiran Garimella**, Devin Gaffney, Gautam Shahi, and Scott Hale. “Tiplines to Combat Misinformation on Encrypted Platforms: A Case Study of the 2019 Indian Election on WhatsApp”. *Harvard Misinformation Review*. vol. 3, pp. 102-119. (2022).

Avinash Collis*, **Kiran Garimella***, Amin Rahimian*, Alex Moehring, Dean Eckles, and Sinan Aral. “Global survey on COVID-19 beliefs, behaviors, and norms”. *Nature Human Behavior*. vol. 9, pp. 1310-1317. (2022). (* equal contribution).

Maurice Jakesch, **Kiran Garimella**, Dean Eckles, and Mor Naaman. “Trend Alert: A Cross-Platform Organization Manipulated Twitter Trends in the Indian General Election”. *Proceedings of the ACM SIGCHI Conference on Computer-Supported Cooperative Work & Social Computing*. vol. 5, pp.1-19. (2021).

Ashkan Kazemi, **Kiran Garimella**, Devin Gaffney, and Scott Hale. “Claim Matching Beyond English to Scale Global Fact-Checking”. *Proceedings of the 59th Annual Meeting of the Association for Computational Linguistics and the 11th International Joint Conference on Natural Language Processing*. vol. 1, pp. 4504-4517. (2021).

Punyajoy Saha, Binny Mathew, **Kiran Garimella**, Animesh Mukherjee. “Short is the Road that Leads from Fear to Hate: Fear Speech in Indian WhatsApp Groups”.

Proceedings of the Web conference. pp. 1110-1121. (2021).

Kiran Garimella, Robert West, Rebecca Weiss, Tim Smith. “Political Polarization in Online News Consumption”. *Proceedings of the International AAAI Conference on Web and Social Media.* vol. 15, pp. 152-162. (2021). (**Best paper award**).

Kirill Martynov, **Kiran Garimella**, Robert West. “Human Estimates of Body Measurements: Accuracy, Biases, and Mental Models”. *EPJ Data Science.* vol. 1, pp. 142-161. (2020).

Kirill Martynov, **Kiran Garimella**, Robert West. “Darks and Stripes: Effects of Clothing on Weight Perception”. *IEEE Journal of Social Computing.* vol. 1, pp 53-70. (2020).

Julio Reis, Philipe Melo, **Kiran Garimella**, Fabricio Benevenuto. “Can WhatsApp benefit from debunked fact-checked stories to reduce misinformation?”. *Harvard Misinformation Review Journal.* vol. 1, issue 5, pp. 239-251. (2020).

Kiran Garimella, Dean Eckles. “Images and misinformation in political groups: evidence from WhatsApp in India”. *Harvard Misinformation Review Journal.* vol. 1, issue 5, pp. 128-142. (2020).

Pushkal Agarwal, **Kiran Garimella**, Sagar Joglekar, Nishanth Sastry, Gareth Tyson. “Characterising User Content on a Multi-Lingual Social Network”. *Proceedings of the International AAAI Conference on Web and Social Media,* vol. 14, pp. 2-11. (2020).

Steve Wilson, Walid Magdy, Barbara McGillivray, **Kiran Garimella**, Gareth Tyson. “Urban Dictionary Embeddings for Slang NLP Applications”. *Proceedings of the Twelfth Language Resources and Evaluation Conference.* pp. 4764-4773. (2020).

Julio Reis, Philipe Melo, **Kiran Garimella**, Jussara Almeida, Dean Eckles, Fabricio Benevenuto. “A Dataset of Fact-Checked Images Shared on WhatsApp During the Brazilian and Indian Elections”. *Proceedings of the International AAAI Conference on Web and Social Media.* vol. 14, pp. 903-908. (2020).

Philipe Melo, Carolina Vieira, **Kiran Garimella**, Pedro de Melo, Fabricio Benevenuto. “Can WhatsApp Counter Misinformation by Limiting Message Forwarding”. *Proceedings of the Eighth International Conference on Complex Networks and their Applications.* vol. 8, pp. 372-384. (2019).

Philipe Melo, Johnnatan Messias, Gustavo Resende, **Kiran Garimella**, Jussara Almeida, Fabricio Benevenuto. “WhatsApp Monitor: A Fact-Checking System for WhatsApp”. *Proceedings of the International AAAI Conference on Web and Social Media.* vol. 13, pp. 676-677. (2019).

Kiran Garimella, Robert West. “Hot Streaks on Social Media”. *Proceedings of the International AAAI Conference on Web and Social Media.* vol. 13, pp. 170-180. (2019).

Kiran Garimella, Gareth Tyson. “WhatsApp Doc?: A First Look at WhatsApp Public Group Data”. *Proceedings of the International AAAI Conference on Web and Social Media.* vol. 12, pp. 1-11. (2018).

Antoine Dubois, Emilio Zagheni, **Kiran Garimella**, Ingmar Weber. “Studying Mi-

grant Assimilation Through Facebook Interests”. *Proceedings of the 10th International Conference on Social Informatics*. vol. 2, pp. 51-60. (2018).

Karri Haranko, Emilio Zagheni, **Kiran Garimella**, Ingmar Weber. “Professional Gender Gaps Across US Cities”. *Proceedings of the International AAAI Conference on Web and Social Media*. vol. 12, pp. 102-108. (2018).

Kiran Garimella, Gianmarco De Francisci Morales, Aristides Gionis, Michael Mathioudakis. “Political Discourse on Social Media: Echo Chambers, Gatekeepers, and the Price of Bipartisanship”. *Proceedings of the 2018 World Wide Web Conference*. vol. 2, pp. 913-922. (2018).

Preethi Lahoti, **Kiran Garimella**, Aristides Gionis. “Joint Non-negative Matrix Factorization for Learning Ideological Leaning on Twitter”. *Proceedings of the Eleventh ACM International Conference on Web Search and Data Mining*. pp. 351-359. (2018).

Kiran Garimella, Aristides Gionis, Nikos Parotsidis, Nikolaj Tatti. “Balancing Information Exposure on Social Networks”. *Proceedings of the Advances in Neural Information Processing Systems*. vol. 30, pp. 409-421. (2017).

Kiran Garimella, Gianmarco De Francisci Morales, Aristides Gionis, Michael Mathioudakis. “Quantifying Controversy on Social Media”. *ACM Transactions on Social Computing*. vol. 1, pp. 1-27. (2017).

Kiran Garimella, Jonathan Cohen, Ingmar Weber. “Understanding Para Social Breakups on Twitter”. *Proceedings of the 2017 ACM on Web Science Conference*. pp. 383-384. (2017).

Kiran Garimella, Gianmarco De Francisci Morales, Aristides Gionis, Michael Mathioudakis. “The Effect of Collective Attention on Controversial Debates on Social Media”. *Proceedings of the 2017 ACM on Web Science Conference*. pp. 43-52. (2017). (**Best Student Paper Award**).

Kiran Garimella, Gianmarco De Francisci Morales, Aristides Gionis, Michael Mathioudakis. “Factors in Recommending Contrarian Content on Social Media”. *Proceedings of the 2017 ACM on Web Science Conference*. pp. 263-266. (2017).

Kiran Garimella, Orestis Kostakis, Michael Mathioudakis. “Ad-blocking: A Study on Performance, Privacy and Counter-measures”. *Proceedings of the 2017 ACM on Web Science Conference*. pp. 259-262. (2017).

Kiran Garimella, Gianmarco De Francisci Morales, Aristides Gionis, Michael Mathioudakis. “The Ebb and Flow of Controversial Debates on Social Media”. *Proceedings of the International AAAI Conference on Web and Social Media*. vol. 11, pp. 524-527. (2017).

Mauro Coletto, **Kiran Garimella**, Aristides Gionis, Claudio Lucchese. “A Motif-based Approach for Identifying Controversy”. *Proceedings of the International AAAI Conference on Web and Social Media*. vol. 11, pp. 496-499. (2017).

Kiran Garimella, Ingmar Weber. “A Long-Term Analysis of Polarization on Twitter”. *Proceedings of the International AAAI Conference on Web and Social Media*. vol. 11, pp. 528-531. (2017).

Kiran Garimella, Han Xiao. “Media Attention to Science”. *Proceedings of the 26th International Conference on World Wide Web Companion*. pp. 779-780. (2017).

Hieu Nguyen, **Kiran Garimella**. “Understanding International Migration using Tensor Factorization”. *Proceedings of the 26th International Conference on World Wide Web Companion*. pp. 829-830. (2017).

Kiran Garimella, Gianmarco De Francisci Morales, Aristides Gionis, Michael Mathioudakis. “Reducing Controversy by Connecting Opposing Views”. *Proceedings of the Tenth ACM International Conference on Web Search and Data Mining*. pp. 81-90. (2017). (**Best Student Paper Award**).

Kiran Garimella, Ingmar Weber, Munmun De Choudhury. “Quote RTs on Twitter: Usage of the New Feature for Political Discourse”. *Proceedings of the 8th ACM Conference on Web Science*. pp. 200-204. (2016).

Kiran Garimella, Sanjay Chawla, Aristides Gionis, Dominic Tsang. “Discovering the Network Backbone from Traffic Activity Data”. *Pacific-Asia Conference on Knowledge Discovery and Data Mining*. pp. 409-422. (2016).

Kiran Garimella, Aboud Alfayad, Ingmar Weber. “Social Media Image Analysis for Public Health”. *Proceedings of the 2016 CHI Conference on Human Factors in Computing Systems*. pp. 5543-5547. (2016).

Kiran Garimella, Gianmarco De Francisci Morales, Aristides Gionis, Mauro Sozio. “Scalable Facility Location for Massive Graphs on Pregel-like Systems”. *Proceedings of the 24th ACM International Conference on Information and Knowledge Management*. pp. 273-282. (2015).

Kiran Garimella, Ingmar Weber, Sonya Dal Cin. “From ‘I love you babe’ to ‘leave me alone’ – Romantic Relationship Breakups on Twitter”. *Proceedings of the 6th International Conference on Social Informatics*. pp. 199-215. (2014). (**Nominated for Best paper award**)

Kiran Garimella, Ingmar Weber. “Co-Following on Twitter”. *Proceedings of the 25th ACM conference on Hypertext and Social Media*. pp. 249-254. (2014).

David Garcia, Ingmar Weber, **Kiran Garimella**. “Gender Asymmetries in Reality and Fiction: The Bechdel Test of Social Media”. *Proceedings of the International AAAI Conference on Web and Social Media*. vol. 8, pp. 131-140. (2014).

Adiya Abisheva, **Kiran Garimella**, David Garcia, Ingmar Weber. “Who Watches (and Shares) What on YouTube? And When? Using Twitter to Understand YouTube Viewership”. *Proceedings of the 7th ACM International Conference on Web Search and Data Mining*. pp. 593-602. (2014).

Yelena Mejova, **Kiran Garimella**, Ingmar Weber, Michael Dougal. “Giving is Caring: Understanding Online Donation behavior through Email”. *Proceedings of the 17th ACM Conference on Computer Supported Cooperative Work & Social Computing*. pp. 1297-1307. (2014).

Emilio Zagheni, **Kiran Garimella**, Ingmar Weber, and Bogdan State. “Inferring International and Internal Migration Patterns from Twitter Data”. *Proceedings of the 23rd International Conference on World Wide Web*. pp. 439-444. (2014).

Ingmar Weber, **Kiran Garimella**, Alaa Batayneh. “Secular vs. Islamist Polarization in Egypt on Twitter”. *Proceedings of the 2013 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining*. pp. 290-297. (2013).

Ingmar Weber, **Kiran Garimella**, Erik Borra. “Inferring Audience Partisanship for YouTube Videos”. *Proceedings of the 22nd International Conference on World Wide Web*. pp. 43-44. (2013).

Asmelash Teka, **Kiran Garimella**, Ingmar Weber. “Political Hashtag Hijacking in the U.S.”. *Proceedings of the 22nd International Conference on World Wide Web*. pp. 55-56. (2013).

Ingmar Weber, **Kiran Garimella**, Erik Borra. “Mining Web Query Logs to Analyze Political Issues”. *Proceedings of the 4th ACM Web Science Conference*. pp. 330-334. (2012).

Nitin Agarwal, **Kiran Garimella**, Ravi Shankar, Carolyn Rose. “Towards Multi-Document Summarization of Scientific Articles: Making Interesting Comparisons with SciSumm”. *Proceedings of the Workshop on Automatic Summarization for Different Genres, Media, and Languages*. pp. 8-15. (2011).

Ravi Shankar, **Kiran Garimella**, Vikram Pudi. “Evolutionary Clustering using Frequent Itemsets”. *Proceedings of the First International Workshop on Novel Data Stream Pattern Mining Techniques*. pp. 25-30. (2010).

Kiran Garimella, Ravi Shankar, Vikram Pudi. “Frequent Itemset based Hierarchical Document Clustering using Wikipedia as External Knowledge”. *International Conference on Knowledge-based and Intelligent Information and Engineering Systems*. pp. 11-20. (2010).

TUTORIALS

Tools for WhatsApp data collection, ICWSM 2019.

Digital and computational approaches to study migration, BIGSSS summer school on migration, 2019.

Polarization on Social Media, ICWSM 2017, WWW 2018, KDD 2018, EuroCSS 2019.

TEACHING

Object Oriented Programming, Spring/Fall 2022,2023,2024,2025 Information Technology and Informatics major at Rutgers University.

Problem Solving with Data, Fall 2023,2024,2025 Master of Information major at Rutgers University.

Beyond the Hype: What AI can and can not do., Summer 2025 Master of Information.

ACADEMIC SERVICE

- PhD opponent for Andrew Jelson, Virginia Tech. Blacksburg, Virginia. (October 2025).
- Global initiative co-chair: ICWSM 2025.
- Workshop and Tutorials chair: WebScience 2025.
- Member of Rutgers Library and Information Science Research committee (2023-2024).

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- NSF SaTC review panel member (February 2024).
 - Invited External reviewer for Swiss National Foundation proposals (January 2024).
 - Member of Rutgers Library and Information Science faculty hiring committee (2023-24).
 - Member of Rutgers Library and Information Science Research development committee (2023-24).
 - Member of the seminar and symposium committee – Cyberinfrastructure and AI for Science and Society project at Rutgers (2023-24).
 - PhD opponent for Sakshi Sharma, University of Tartu. Tartu, Estonia. (October 2023).
 - PhD opponent for April Merchant, University of Helsinki. Helsinki, Finland. (August 2023).
 - Reviewer for The World Bank’s Research Support Budget program (2023).
 - Invited External reviewer for Vienna Science and technology fund proposals (2023).
 - Program Committee co-Chair: ICWSM 2023.
 - Associate Chair: CSCW 2023.
 - Senior Area Chair (Computational Social Science and Cultural Analytics): ACL 2023
 - PhD Comprehensive Exam for Hitkul Jangra, IIIT Hyderabad. (January 2023).
 - Tutorials co-chair: IC2S2 2023.
 - Member of the Rutgers Library and Information Science Scholarship committee (2022-23).
 - Sponsorship chair: ICWSM 2021, ICWSM 2022.
 - Co-organizer: Summer Institute on Computational Social Science, Hyderabad, India 2022.
 - Co-organizer: workshop MISINFO 2021 at the WebConference 2021.
 - Co-organizer: workshop Addressing Challenges and Opportunities in Online Extremism Research: An Interdisciplinary Perspective at CSCW 2021.
 - Thesis evaluator Christina Menghini, Sapienza university. Rome, Italy. 2021.
 - Editorial board member: Frontiers in Big Data journal (2021-22).
 - Senior PC Member: ICWSM 2020, ICWSM 2021, ICWSM 2022.
 - Web co-chair: Hypertext 2018.
 - Workshops co-chair: ICWSM 2020.
 - Tutorials co-chair: ICWSM 2018.
 - Web co-chair: ICWSM 2017.
 - PC Member: WSDM 2016-2024, WWW 2017-2024, ICWSM 2017-2019, SDM 2018-2021, CIKM 2017-2019, SIGIR 2018, KDD 2020-22.
 - Co-organizer: UN World Data Forum panel on Innovative use of Social Media for Remote Sensing and SDG Monitoring 2020.

MEDIA COVERAGE

- “Inside the vast digital campaign by Hindu nationalists to inflame India”. *The Washington Post*. (link).
- “Few Are Addressing One of Social Medias Greatest Perils”. *The New York Times*. (link).
- “India: the WhatsApp election”. *The Financial Times*. (link).
- “Fighting fake news: Decoding ‘fact-free’ world of WhatsApp”. *The Hindustan Times*. (link).
- “What people say before a break-up vs. what they say after”. *The Washington*

Post. (link).

- More coverage: *Mashable*, *Times of India*, *MIT Tech Review*, *Wired*, *YLE*, *Finnish national news*, *Slate*, *Vice*, *NBC News*, *Time magazine*, *Forbes*, *Foreign Policy*, etc.

WORK
EXPERIENCE

<i>Consultant at</i> World Bank Group	March 2020–Jan 2021
<i>Research Intern at</i> University of British Columbia	Summer 2017
<i>Machine Learning Intern at</i> Amazon	Summer 2016
<i>Data Science Intern at</i> LinkedIn	Summer 2015
<i>Research Associate at</i> Qatar Computing Research Institute	Dec 2012 - Dec 2013
<i>Research Engineer at</i> Yahoo! Research, Barcelona	Aug 2011 - Dec 2012
<i>Research Intern at</i> Carnegie Mellon University	Summer 2010