WebSci'25 Conference Schedule

Rutgers University, New Brunswick, NJ, May 20-23

Tuesday, May 20, 2025

9:00am - 12:00am EST
(Academic Building East 2400)
Tutorial
Beyond APIs: Collecting Web Data for Research using the National Internet Observatory
    Pranav Goel, Kai-Cheng Yang, and Scott Cambo

9:00am - 12:00am EST
(Academic Building East 4225)
Workshop
Ethical Web Science
    Oshani Seneviratne, Marc Spaniol, John Erickson, and Gaël Dias

9:00am - 4:00pm EST
(Academic Building West 1170)
Workshop
Human-centric Web Research: Tools, Experiences, Hands-on Application
    Ericka Menchen-Trevino and Chris Karr

9:00am - 4:00pm EST
(Murray Hall 208)
Workshop
Global Elections and Information Security
    Cody Buntain, Masha Krupenkin, Julia Mendelsohn, and Jennifer Golbeck

1:00pm - 4:00pm EST
(Academic Building East 2400)
Tutorial
Meta Content Library as a Research Tool
    Yair Rubinstein and Kristina Lee

1:00pm - 4:00pm EST
(Academic Building East 4225)
Workshop
Human-GenAI Interactions: Shaping the Future of Web Science
Lydia Manikonda, Oshani Seneviratne, and Rui Fan

Wednesday, May 21, 2025

9:00am - 10:30am EST
(Academic Building East 2400)
Session 1: Digital Identity & Social Systems

- *Early Detection of DDoS Attacks via Online Social Networks Analysis*
    Ines Abbes, Maurantonio Caprolu and Roberto Di Pietro

- *Social Biases in Knowledge Representations of Wikidata separates Global North from Global South*
    Paramita Das, Sai Keerthana Karnam, Aditya Soni and Animesh Mukherjee

- *Unpacking the Dilemma: The Dual Impact of AI Instructors' Social Presence on Learners' Perceived Learning and Satisfaction, Mediated by the Uncanny Valley*
    Xinhui Chen and Dominic DiFranzo

- *VIKI: Systematic Cross-Platform Profile Inference of Tech Users*
    Ben Treves, Emiliano De Cristofaro, Yue Dong and Michalis Faloutsos

11:00am - 12:00pm EST
(Academic Building East 2400)
Keynote: Mor Naaman

1:00pm - 2:30pm EST
(Academic Building East 2400)
Session 2: Content Analysis & User Narratives

- *Characterizing YouTube's Role in Online Gambling Promotion: A Case Study of Fortune Tiger in Brazil*
    Jessica Costa, Geovana Oliveira, Guilherme Fonseca, Davi Reis, Giancarlo Oliveira Teixeira, Washington Cunha, Leonardo Rocha and Carlos Henrique Gomes Ferreira

- *Exploring Stance on Affirmative Action Through Reddit Narratives*
    Aria Pessianzadeh and Rezvaneh Rezapour

- *How Personal Narratives Empower Politically Disinclined Individuals to Engage in Political Discussions*
  Tejasvi Chebrolu, Ponnurangam Kumaraguru and Ashwin Rajadesingan

- *Scientific Accountability: Detecting Salient Features of Retracted Articles*
  Muhammad Usman and Wolf-Tilo Balke

1:00pm - 2:30pm EST
(Academic Building East 4225)
Session 3: Networked Economics

- *Decentralization Funded by Centralization: Understanding Crypto Joint-Investment Network*
  Junyu Zhang, Chenyu Zhou and Wei Cai

- *Political Leanings in Web3 Betting: Decoding the Interplay of Political and Profitable Motives*
  Hongzhou Chen, Xiaolin Duan, Abdulmotaleb El Saddik and Wei Cai

- *Trust Dynamics and Bot-Driven Responses: An Approach to Rug Pulls in Solana Meme Coin Markets*
  Yueyao Li, Nanjun Yao, Yuhui Huo and Wei Cai

- *Understanding Social Capital in Decentralized Social Platform: An Empirical Study on Friend.tech*
  Junyu Zhang, Huiyu Wang and Wei Cai

3:00pm - 4:00pm EST
(Academic Building East 2400)
Keynote: Lee Giles

4:00pm - 5:30pm EST
(Academic Building East 2400)
Lightning talks

- *LLMs as Email-Writers: A Comparison of Language in AI-Generated and Human-Written Emails*
  Weijiang Li, Yinmeng Lai, Sandeep Soni and Koustuv Saha

- *Simulating the Effects of Multi-platform Use on Misinformation Diffusion and Countermeasures*
  Isabel Murdock, Kathleen Carley and Osman Yagan

- *Beyond the Lens: Quantifying the Impact of Scientific Documentaries through Amazon Reviews*
  Jill Naiman, Aria Pessianzadeh, Hanyu Zhao, Aj Christensen, Alistair Nunn, Shriya Srikanth, Anushka Gami, Emma Maxwell, Louisa Zhang, Sri Nithya Yeragorla and Shadi Rezapour

- *The Role of Curiosity in Information Dissemination on Telegram: A Case Study from the 2022 Brazilian Elections*

Francisco Figueiredo Vasconcelos, Carlos Henrique Gomes Ferreira,
Alexandre Magno de Souza and Jussara Almeida

- *Public versus Less-Public News Engagement on Facebook: Patterns Across Bias and Reliability*
  Alireza Mohammadinodooshan and Niklas Carlsson

- *Multi-Party Supervised Fine-tuning of Language Models for Multi-Party Dialogue Generation*
  Xiaoyu Wang, Ningyuan Xi, Teng Chen, Qingqing Gu, Yue Zhao, Zhonglin Jiang,
  Yong Chen and Luo Ji

- *GitHub Repository Complexity Leads to Diminished Web Archive Availability*
  David Calano, Michael Nelson and Michele Weigle

- *COBIAS: A Contextual Reliability Framework to Assess the Quality of Bias Benchmarks for Language Models*
  Priyanshul Govil, Hemang Jain, Vamshi Bonagiri, Aman Chadha,
  Ponnurangam Kumaraguru, Manas Gaur and Sanorita Dey

- *Characterizing Network Structure of Anti-Trans Actors on TikTok*
  Maxyn Leitner, Rebecca Dorn, Fred Morstatter and Kristina Lerman

- *SmGNN: Link Prediction in Sparse Layers of Multi-layer Graphs*
  Huaisheng Zhu, Tianxiang Zhao, Zongyu Wu and Suhang Wang

- *Cross-Platform Violence Detection on Social Media: A Dataset and Analysis*
  Celia Chen, Scotty Beland, Ingo Burghardt, Jill Byczek, William J. Conway, Eric Cotugno,
  Sadaf Davre, Megan Fletcher, Rajesh Kumar Gnanasekaran, Kristin Hamilton,
  Jordan Heustis, Allison Ingalls, Tanaya Jha, Emily Klein, Hayden Kramer, Alex Leitch,
  Jessica Perkins, Casi Sherman, Celia Sterrn, Logan Stevens, Rebecca Zarrella
  and Jennifer Golbeck

- *Building Bridges between Users and Content across Multiple Platforms during Natural Disaster*s
  Lynnette Hui Xian Ng, Iain J. Cruickshank and David Farr

- *GPT-4o for Visual Political Communication: Toward Automated Image Type Analysis*
  Michael Achmann-Denkler, Mario Haim and Christian Wolff

- *Can Generative Agent-Based Modeling Replicate the Friendship Paradox in Social Media Simulations?*
  Gian Marco Orlando, Valerio La Gatta, Diego Russo and Vincenzo Moscato

- *GenAI vs. Human Fact-Checkers: Accurate Ratings, Flawed Rationales*
  Yuehong Cassandra Tai, Khushi Navin Patni, Nicholas Hemauer,
  Bruce Desmarais and Yu-ru Lin

- *An Evaluation of the Google Perspective API by Race and Gender*
  Nitheesha Nakka

- *High-Risk Communities: Mapping the Drivers of COVID-19 Misinformation Across U.S. Counties*
  Reyhan Jamalova, Sunny Rai, Leo Thorbecke and Sharath Guntuku

- *Using Semantically Unrelated and Opposite Terms for In-Context Learning: A Case Study in Identifying Political Aversion in Tweets*
  Patrick Y. Wu

- *Russian Censorship through the Lens of Time Series Analysis*
  Dheeman Saha, Afsah Anwar and Abdullah Mueen

5:30pm - 7:30pm EST
(Academic Building East 4202)
Poster Session and Reception

Thursday, May 22, 2025

9:00am - 10:30am EST
(Academic Building East 2400)
Session 4: Media Credibility & Bias

- *Accuracy and Political Bias of News Source Credibility Ratings by Large Language Models*
  Kai-Cheng Yang and Filippo Menczer

- *DocNet: Semantic Structure in Inductive Bias Detection Models*
  Jessica Zhu, Michel Cukier and Iain Cruickshank

- *SemCAFE: When Named Entities make the Difference–Assessing Web Source Reliability through Entity-level Analytics*
  Gautam Kishore Shahi, Oshani Seneviratne and Marc Spaniol

- *Unite or divide? Biased search queries and Google Search results in polarized politics*
  Chau Tong

9:00am - 10:30am EST
(Academic Building East 4225)
Session 5: AI Systems & Human Behavior

- *Can LLMs Assist Annotators in Identifying Morality Frames? - Case Study on Vaccination Debate on Social Media*
  Tunazzina Islam and Dan Goldwasser

- *Validation of an Improved Vision-Based Web Page Parsing Pipeline*
  Michael Cormier, Robin Cohen, Richard Mann, Karyn Moffatt, Daniel Vogel, Mengfei Liu, and Shangshang Zheng

- *Evaluation of Reliability Criteria for News Publishers with Large Language Models*
  Manuel Pratelli, John Bianchi, Fabio Pinelli and Marinella Petrocchi

- *Master of Deceit: Comparative Analysis of Human and Machine-Generated Deceptive Text*
  Minh Trinh, Samiha Zarin and Rezvaneh Rezapour

11:00am - 12:00pm EST
(Academic Building East 2400)
Keynote: Jennifer Wortman Vaughan

1:00pm - 2:30pm EST
(Academic Building East 2400)
Session 6: Digital Communication & Mobilization

- *A Discourse Analysis Framework for Legislative and Social Media Debates*
  Arman Irani, Ju Yeon Park, Kevin Esterling and Michalis Faloutsos

- *Digital Inequality in ChatGPT Awareness and Knowledge: Evidence from a National Survey*
  Eszter Hargittai, Gerta Lokaj and Lukas Hess

- *The Effects of Enterprise Social Media on Communication Networks*
  Manoel Horta Ribeiro, Teny Shapiro and Siddharth Suri

- *The Role of Organizations in Networked Mobilization: Examining the 2011 Chilean Student Movement Through The Logic of Connective Action*
  Diego Gomez-Zara, Carolina Pérez Arredondo and Denis Parra

1:00pm - 2:30pm EST
(Academic Building East 4225)
Session 7: Online Safety & Policy

- *Facilitating Gender Diverse Authorship: A Comparative Analysis of Academic Publishers' Name Change Policies*
  Deanna Zarrillo

- *Multilingualism, Transnationality, and K-pop in the Online #StopAsianHate Movement*
  Tessa Masis, Zhangqi Duan, Weiai Xu, Jane Pyo, Ethan Zuckerman and Brendan O'Connor

- *Not Here, Go There: Analyzing Redirection Patterns on the Web*
  Kritika Garg, Sawood Alam, Michele Weigle, Michael Nelson and Dietrich Ayala

- *The Evolving Landscape of Youth Online Safety: Insights from News Media Analysis*
  Mohammad Namvarpour, Elham Aghakhani, Michael D Ekstrand,
  Rezvaneh Rezapour, and Afsaneh Razi

3:00pm - 4:30pm EST
(Academic Building East 2400)
Session 8: Political Discourse & Platform Moderation

- *Analyzing Political Discourse on Discord during the 2024 U.S. Presidential Election*
  Arthur Buzelin, Pedro Dutenhefner, Marcelo Locatelli, Samira Malaquias, Pedro Bento,
  Yan Aquino, Lucas Dayrell, Victoria Estanislau, Caio Santana, Pedro Loures, Marisa
  Vasconcelos, Wagner Meira Jr, Virgilio Almeida

- *Digital Sabotage and Inter-Community Dynamics: An Empirical Examination of Reddit's 2023 Moderator Strike*
  Franz Xaver Waltenberger, Angelina Voggenreiter and Juergen Pfeffer

- *Framing the Fray: Conflict Framing in Indian Election News Coverage*
  Tejasvi Chebrolu, Rohan Modepalle, N Harsha Vardhan, Ponnurangam Kumaraguru
  and Ashwin Rajadesingan

3:00pm - 4:30pm EST
(Academic Building East 4225)
Session 9: Contemporary Issues in Social Media

- *A Call to Arms: Automated Methods for Identifying Weapons in Social Media Analysis of Conflict Zones*
  Afia Abedin, Abdul Bais, Cody Buntain, Laura Courchesne, Brian McQuinn,
  Matthew E. Taylor and Muhib Ullah

- *Beyond Sentiment: Examining the Role of Moral Foundations in User Engagement with News on Twitter*
  Jacopo D'Ignazi, Kyriaki Kalimeri and Mariano Gastón Beiró

- *Mapping News Narratives Using LLMs and Narrative-Structured Text Embeddings*
  Jan Elfes

- *Understanding Narratives of Trauma in Social Media*
  Mansi Saxena, Vaibhav Garg, Bhaskar Ray, Aura Mishra and Munindar Singh

Friday, May 23, 2025

9:00am - 10:30am EST
(Academic Building East 2400)
Session 10: Platform Governance & User Safety

- *Can Large Language Models Effectively Mitigate Polarization in Social Media Text?*
Lucas Raniére Juvino Santos, Leandro Balby Marinho, Cláudio Elízio Calazans Campelo, Filippo Menczer and Alessandro Flammini

- *Decentralized Discourse: Interaction Dynamics on Mastodon*
Michael Brauweiler, Meher Chaitanya Pindiprolu, Jürgen Pfeffer and Ulrik Brandes

- *Is it safe? Analysis of Live Streams Targeted at Kids on Twitch.tv*
Luana A. Silva, Kênia C. Gonçalves, Humberto T. Marques-Neto and Jussara M. Almeida

- *Too Little, Too Late: Moderation of Misinformation around the Russo-Ukrainian Conflict*
Gautam Kishore Shahi and Yelena Mejova

11:00am - 12:00am EST
(Academic Building East 2400)
Closing Keynote

12:00pm - 1:00pm EST
(Academic Building East 2400)
Best paper awards and conference closing