

Sociotechnical Consequences of AI: An Interdisciplinary Exploration of Ethical, Organizational, Social, and Computational Dimensions

13 September 2024, 9 am to 4:30 pm

13 Sep 2024	Program	Room
9:00	Welcome from UNC Barbara J. Stephenson <i>Vice Provost for Global Affairs and Chief Global Officer</i>	Room 3206, Graham Student Union, 209 South Rd, Chapel Hill, NC 27599
9:05	Welcome from the organizers Mohammad Jarrahi, <i>School of Information and Library Science</i> Laura Schelenz, <i>International Center for Ethics in the Sciences and Humanities</i>	
9:15	“Sociotechnical Consequences of AI” – Research Overview Mohammad Jarrahi, <i>School of Information and Library Science</i>	
9:30	Short presentations I Host: Jimmy McKinnell 1) The Ethical, Social, and Democratic Implications of Data Voids in an AI-Search Environment , Anna Beers, Viviane Ito, Agustin Orozco, Francesca Tripodi, <i>University of North Carolina at Chapel Hill</i> 2) LLMs and Intimate Partner Violence: Opportunities and Challenges , Jasmine C. Foriest, <i>Georgia Institute of Technology</i> , Leah Ajmani, <i>University of Minnesota</i> , Munmun De Choudhury, <i>Georgia Institute of Technology</i> 3) Dimensions of Responsibility in Operationalizing „Responsible AI.“ Between Ethical Guidelines and Development , Jana Hecktor, Lisa Koeritz, <i>University of Tuebingen, Germany</i> 4) Minding the Gap: Bridging Empirical Critical Race Scholarship, Complexity Science, and Information Theory in Legal and Religious Contexts , Kevin Lee, <i>North Carolina Central University School of Law</i>	
10:45	Break	
11:15	Short presentations II Hosts: Jana Hecktor, Lisa Koeritz 1) #DeafSafeAI: An Invitation to Design Justice , Molly Glass, <i>ASL Specialist, Kara Technologies</i> , Brienna Herold, <i>Data Engineer, The New York Times</i> , Stephanie Jo Kent, <i>Founder, Learning Lab for Resiliency®</i> , Celena Ponce, <i>Founder, Hands United</i> , Betsy Winston, <i>Director, Teaching Interpreting Educators & Mentors (TIEM) Center</i> , Amir Zuccala, <i>Sapienza University of Rome and Italian Association of the Deaf (ENS)</i>	

	2) The Mental Models Dilemma or How to Build Social Context-sensitive AI, <i>Christian Schulz, Paderborn University, Germany</i> 3) Hot News, Labor, and Equity in the Regulation of AI, <i>Tori Ekstrand, University of North Carolina at Chapel Hill, USA</i> 4) The Participatory AI Toolkit, <i>Catherine D'Ignazio, Nikki Stevens, Massachusetts Institute of Technology</i>	
12:30	Lunch (1,5 hours)	
14:00	Parallel Thematic Working Groups (5 groups will take place at the same time and split into different rooms/corners in the same building, please see the composition of the group below in the document) Group1: Social and Ethical Implications of Emerging Technologies Group 2: AI & the Future of Education and Knowledge Group 3: Hybrid working group 1 Group 4: AI & the Future of Automation and Work Group 5: Hybrid working group 2	Room 3206, Graham Student Union
15:00	Break	
15:30	Keynote Lecture Bridging Divide with Generative AI <i>Christopher Andrew Bail, Duke University</i>	
16:30	End of Workshop	

Group 1: Social and Ethical Implications of Emerging Technologies
Host: Jana Hecktör

- **José Marichal**, California Lutheran University: AI and the Threat of Factory Farmed Citizens
- **William A. Bauer**, North Carolina State University: AI Technocracy and the Perfection of Political Rationalism
- **Ian Williams**, University of North Carolina at Chapel Hill: Luddism, Craft, and AI: Lessons from an Ethics of Refusal
- **Yifan Xu**, University of Texas at Austin: Achieving Robotic Autonomy: Sociotechnical Care and Agency in a Robotics Laboratory

Group 2: AI & the Future of Education and Knowledge
Host: Lisa Koeritz

- **Jane Blanken-Webb**, Wilkes University: From Awareness to Action: Integrating Security Mindset and Response-Ability into the Future of Education
- **Anneliese Brei**, University of North Carolina at Chapel Hill: Are LLMs Helpful Assistants for Understanding Narrators?
- **Lucia Binotti**, University of North Carolina at Chapel Hill: Decolonizing AI in Digital Humanities: Critical Generative AI Practice in Romance Cultural Studies

Group 3: Hybrid Working Group 1
Host: Jimmy McKinnell

- **James Denis McGlynn**, Trinity College Dublin, Ireland: A.I. and Screen Music: Popular (Mis)perceptions, Ethical Ramifications, and Obfuscation of Labour in a Recent Online Trend
- **Shu Wan**, University at Buffalo: ChatGPT as Shortcut for Integrating Digital Humanities into the History Classroom
- **Maria Prieto**, California Institute of Integral Studies: Embodied Inquiries into AI: Bridging Design Practice with Environmental Justice
- **Aashka Dave**, University of North Carolina at Chapel Hill: Decoding Climate Data Modeling and its Impacts

Group 4: AI & the Future of Automation and Work
Host: Mohammad Jarrahi

- **Dario Cecchini, Veljko Dubljevic**, North Carolina State University: Moral complexity in traffic: The ADC model for automated vehicle decision-making
- **Lan Li**, University of North Carolina at Chapel Hill: Knowledge workers' AI sensemaking and work-role transitions: real-world practices, pitfalls, and lessons learned
- **Ushnish Sengupta**, Algoma University, Canada: The impact of AI on employee voice and silence in the health care sector
- **Angela Schöpke-Gonzalez**, University of Michigan: Arts-Based Methods for Mitigating Algorithmic Harm as Data Professionals Care Workers

Group 5: Hybrid Working Group 2
Host: Laura Schelenz

- **Hossein Derakhshan**, London School of Economics: The Socio-spatiality of Everyday Algorithmic Listening and an Emergent Social Order Built on Mass Automated Personalization
- **A.T. Kingsmith**, OCAD University, Canada: Synthetic Data in Emotion-AI: Navigating Privacy, Surveillance, and Ethical Dilemmas
- **Noemie Florant, Julika von Stackelberg**, Prescott College/Cornell Cooperative Extension: What's Love Got to Do With It? Building a Grass-Roots Healing-Informed Sociotechnical Imaginary as an Ethic of Transformation
- **Melina Moe**, Columbia University: Modern Libraries and Automated Selection Profiles

Welcome by Barbara J. Stephenson, Vice Provost for Global Affairs and Chief Global Officer

Barbara J. Stephenson is vice provost for global affairs and chief global officer at the University of North Carolina at Chapel Hill. She is a distinguished diplomat, former U.S. ambassador to Panama and first woman to serve as deputy ambassador and acting ambassador at the U.S. Embassy in London, international leader and prior dean of the Leadership and Management School at the Foreign Service Institute, among many other achievements. She advances a pan-university global strategy to enhance UNC-Chapel Hill's global reach, impact, and reputation.

Keynote Lecture by Christopher Andrew Bail, Duke University

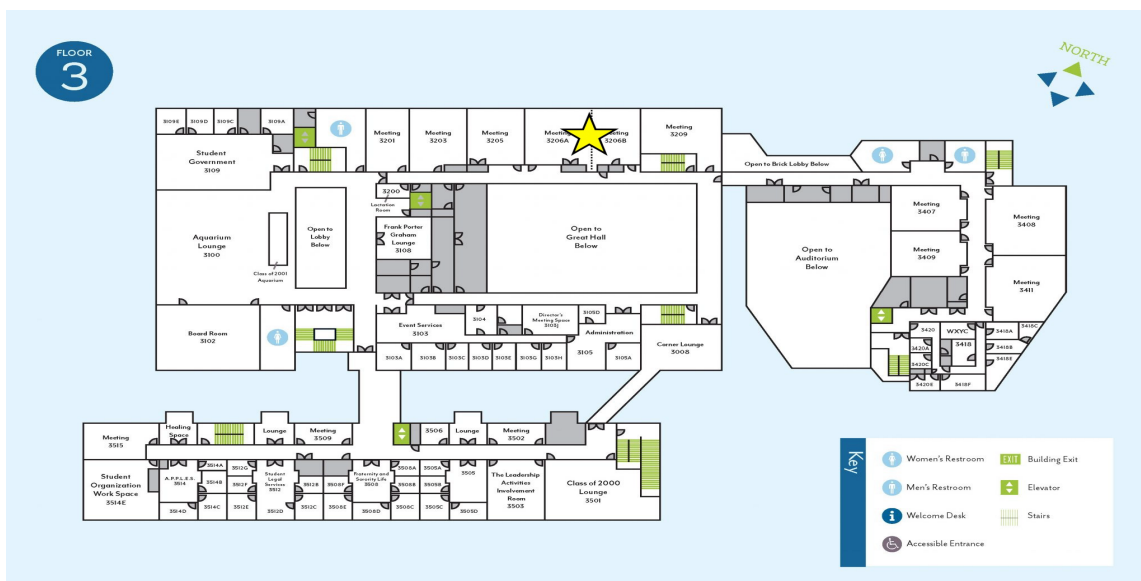
Chris Bail is Professor of Sociology, Political Science, and Public Policy at Duke University, where he founded the Polarization Lab. He studies how artificial intelligence shapes human behavior in a range of different settings—and social media platforms in particular. He is a Guggenheim Fellow and Carnegie Fellow and the author of the books *Breaking the Social Media Prism* (2021) and *Terrified: How Anti-Muslim Fringe Organizations Became Mainstream* (2015). Chris has also written for numerous media outlets including *The New York Times*, and appeared on several networks including CNN, BBC, and NPR, among others. Chris received his PhD from Harvard University in 2011.

Campus Map – how to get to the workshop location

The workshop will take place in room 3206 of the Graham Student Union (209 South Rd, Chapel Hill, NC 27599). The Student Union is located by the Pit and in between Davis Library and the Student Stores. Enter the Student Union on the side of the building facing Davis Library as marked by the star below and then follow the signs to the reserved rooms. The building is accessible by wheelchair and there is elevator access to the third floor. There are men's and women's restrooms on each floor and a gender-neutral restroom on the first floor.



How to enter the building:



If you have any questions or concerns, please contact Laura Schelenz (laura.schelenz@uni-tuebingen.de). The transatlantic team of organizers includes Mohammad Hossein Jarrahi, Jessica Heesen, Regina Ammicht Quinn, Jan-David Bühler, Jana Hecktor, Lisa Koeritz, Jimmy McKinnell, and Laura Schelenz.