Digital Inequalities Symposium
for Early-Career Researchers

Organized by Sciences Po's [Center for Research on Social Inequalities (CRIS)](#) in partnership with [TIERED](#)

Thursday, 19 December 2024

Sciences Po
Salle du Conseil (5th floor)
13 rue de l'Université 75007 Paris

The rapid proliferation of digital technologies - from computers, the internet and portable devices to social media, streaming devices and virtual reality, along with artificial intelligence (AI), automation, and algorithms - has transformed modern societies. Social inequalities both shape and are shaped by these digital tools, raising questions about the persistence, reproduction, and exacerbation of social inequalities. At the same time, an explosion of digital data and methods of analysis, from digital ethnographies to computational methods have broadened our understanding of how society operates in the digital era. Several lines of inequality research indicate key factors in the relationship between digital technologies and society: access to digital tools, information inequalities in the use of digital technologies, Algorithmic bias and discrimination, different returns to the use of digital tools, the power of Big Tech, and policy implications.

In the context of the TIERED project, CRIS aims to strengthen its expertise on the topic of digital inequalities. We invite early career researchers (PhD students and post-docs from a variety of disciplines) working with a variety of theoretical perspectives and research methods to participate to the symposium, which provides a platform to present groundbreaking research, engage in discussions and collaborate with other researchers.

9:00-9:30 Coffee and pastries

9:30-11:40
Welcome and introduction

Session 1: *Gender Inequality in the Digital World*
Location*:* Salle du Conseil (5th floor), 13 rue de l'Université 75007 Paris

Casey Breen, University of Oxford, Leverhulme Centre for Demographic Science
Mapping subnational gender gaps in internet and mobile adoption using social media data

Xinyi Zhao, Adaptive Rationality Center, Max Planck Institute for Human Development
Gender differences in online visibility of early-career researchers: Are men more likely to gain mentions on Twitter and benefit more?

Isabelle Langrock*,* CRIS, Sciences Po
Archive of Our Own: A Model for Gender Equity in Open-Source Software

Emmanuel Olamijuwon, University of St Andrews
Who really wants to be a millionaire? How digital platforms reproduce, reflect and reinforce gender norms

11:40-12:00: *Coffee break*

12:00-13:00

Session 2: *Inequalities around Digital Skills Development and Schools*
Location: Salle du Conseil (5th floor), 13 rue de l'Université 75007 Paris

Manuel Bruns, Technical University of Munich
Reading Skills and Digital Inequalities: Lessons from the 'BesserLesen' AI-Based Tool in Bavarian Primary Schools

Leo Röhlke, University of Bern, ICER (Interfaculty Centre for Educational Research)
National contexts as moderators of inequality in adolescents' ICT use: The role of material access, educational returns, and school ICT integration

13:00-14:00: *Lunch break (Cafeteria, 13 rue de l'Université 75007 Paris)*

14:00-15:30
Session 3: *Digital Inequalities and Violence*
Location: Salle du Conseil (5th floor), 13 rue de l'Université 75007 Paris

Clara Le Gallic-Ach, CRIS, Presage, Sciences Po
Digital inequalities and gender-based violence: an analysis of testimonies on twitter in the era of #Metoo in France

Prashant Poddar, University of Oxford
3G Internet, Intimate Partner Violence, and Women's Empowerment: Evidence from Nigeria

Annina Claesson, Médialab, Sciences Po
The cost of visibility: An Analysis of Online Violence as a Backlash Mechanism

15:30-15:45 *Coffee break*

15:45-17:00
Session 4: *Inequalities between Groups in the On- and Offline Worlds*
Concluding Remarks

Location: Salle du Conseil (5th floor), 13 rue de l'Université 75007 Paris

Frederic Gerdon, Mannheim Centre for European Social Research (MZES)
Research Avenues for Studying Effects of Algorithmic Decision-Making Systems on Social Inequality

Alejandra Rodríguez-Sánchez, University of Potsdam
Uncovering patterns of residential segregation: Food establishment data through the Google Maps lens

Organizing and Partner Institutions

Organizing committee: Carlo Barone, Emanuele Ferragina, Allison Rovny, Jen Schradie (CRIS, Sciences Po), Jean-Philippe Cointet (Médialab, Sciences Po)