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TechDo Digest

Reading Suggestions of the Research Group Technology, Power, and Domination

Technology, Power, and Domination	2
Automation of the State	2
Governance & Regulation	3
Democracy and Digitalization	4
Contestation of Digital Technologies	5
Methods and Methodology	6
Special Section: Books	6
List of journals reviewed for this selection.....	7

Technology, Power, and Domination

Articles that explicitly refer to how digital technologies affect and are affected by power relations.

Special Issue „Soziologische Theorie der Digitalisierung“, in *Berliner Journal für Soziologie*, 33(3), 227-253.

- Barth, J., Block, K., Lindemann, G., & Fröhlich, J. (2023). Das Verhältnis von sozialen und technischen Normen – Zur Frage, ob die Digitalisierung gesellschaftstransformatives Potenzial besitzt. *Berliner Journal für Soziologie*, 33(3), 227–253. <https://doi.org/10.1007/s11609-023-00501-4>
- Block, K., & Pohle, J. (2023). Digitalisierung als Herausforderung für die soziologische Theorie. *Berliner Journal für Soziologie*, 33(3), 189–195. <https://doi.org/10.1007/s11609-023-00503-2>
- Mau, S. (2023). Digitale Scorings als Statusmarker. Eine ungleichheitssoziologische Annäherung. *Berliner Journal für Soziologie*, 33(3), 255–287. <https://doi.org/10.1007/s11609-023-00499-9>

Helm, P., de Götzen, A., Cernuzzi, L., Hume, A., Diwakar, S., Ruiz Correa, S., & Gatica-Perez, D. (2023). Diversity and neocolonialism in Big Data research: Avoiding extractivism while struggling with paternalism. *Big Data & Society*, 10(2). <https://doi.org/10.1177/20539517231206802>

Jhaver, S., Frey, S., & Zhang, A. X. (2023). Decentralizing Platform Power: A Design Space of Multi-Level Governance in Online Social Platforms. *Social Media + Society*, 9(4). <https://doi.org/10.1177/20563051231207857>

Nachtwey, O., & Seidl, T. (2023). The Solutionist Ethic and the Spirit of Digital Capitalism. *Theory, Culture & Society*. <https://doi.org/10.1177/02632764231196829>

O'Reilly, T., Strauss, I., & Mazzucato, M. (2023). *Algorithmic Attention Rents: A theory of digital platform market power* (10; Working Paper Series IIPP). UCL Institute for Innovation and Public Purpose. <https://www.ucl.ac.uk/bartlett/public-purpose/wp2023-10>

Rakova, B., Shelby, R., & Ma, M. (2023). Terms-we-serve-with: Five dimensions for anticipating and repairing algorithmic harm. *Big Data & Society*, 10(2). <https://doi.org/10.1177/20539517231211553>

Automation of the State

Articles that focus on automation and datafication in the context of the state and public policy, with a focus on security, adjudication, and social policy.

Ahmad Yar, A. W., & Bircan, T. (2023). Big data for official migration statistics: Evidence from 29 national statistical institutions. *Big Data & Society*, 10(2). <https://doi.org/10.1177/20539517231210244>

Bagger, C., Einarsson, A. M., Andelsman Alvarez, V., Klausen, M., & Lomborg, S. (2023). Digital resignation and the datafied welfare state. *Big Data & Society*, 10(2). <https://doi.org/10.1177/20539517231206806>

Büchner, S., & Gall, K. (2023). Digitalisierung in der Sozialverwaltung. Soziotechnische Konstellationen der Fallbearbeitung am Beispiel von Jugendämtern. *WSI-Mitteilungen*, 76(5), 346–354. <https://doi.org/10.5771/0342-300X-2023-5-346>

- Garrett, C. L., & Decoteau, C. L. (2023). Data citizenship: Quantifying structural racism in COVID-19 and beyond. *Big Data & Society*, 10(2). <https://doi.org/10.1177/20539517231213821>
- Lanzing, M. (2023). Traveling technology and perverted logics: Conceptualizing Palantir's expansion into health as sphere transgression. *Information, Communication & Society*, 0(0), 1–17. <https://doi.org/10.1080/1369118X.2023.2279557>
- Padden, M. (2023). The transformation of surveillance in the digitalisation discourse of the OECD: A brief genealogy. *Internet Policy Review*, 12(3). <https://doi.org/10.14763/2023.3.1720>
- Perret, S., & Aradau, C. (2023). Drawing Data Together: Inscriptions, Asylum, and Scripts of Security. *Science, Technology, & Human Values*. <https://doi.org/10.1177/01622439231200170>
- Zajko, M. (2023). Automated Government Benefits and Welfare Surveillance. *Surveillance & Society*, 21(3), 246–258. <https://doi.org/10.24908/ss.v21i3.16107>

Governance & Regulation

Articles that analyse how societies and institutions shape digital technologies, digital practices, markets, and platforms. Relevant topics are public and private regulatory activity such as data-protection, anti-trust regulation, content regulation, intermediary liability, consumer protection, workers' rights, and human rights.

- Cantero Gamito, M. (2023). The influence of China in AI governance through standardisation. *Telecommunications Policy*, 47(10). <https://doi.org/10.1016/j.telpol.2023.102673>
- Duncan, J. (2023). Data protection beyond data rights: Governing data production through collective intermediaries. *Internet Policy Review*, 12(3). <https://doi.org/10.14763/2023.3.1722>
- Gorwa, R., & Veale, M. (2023). *Moderating Model Marketplaces: Platform Governance Puzzles for AI Intermediaries* [Preprint]. SocArXiv. <https://doi.org/10.31235/osf.io/6dfk3>
- McDowell, Z. J., & Tiidenberg, K. (2023). The (not so) secret governors of the internet: Morality policing and platform politics. *Convergence*, 29(6), 1609–1623. <https://doi.org/10.1177/13548565231193694>
- Rozgonyi, K. (2023). Accountability and platforms' governance: The case of online prominence of public service media content. *Internet Policy Review*, 12(4). <https://doi.org/10.14763/2023.4.1723>

Democracy and Digitalization

Articles that refer to democratic theory in the context of digitalized societies and that zoom in on important concepts of democratic theory, such as political participation, legitimacy, political representation, politicization, and the public sphere. We also include articles about trends such as (digital) disinformation, post-democracy, democratic fatigue, democratic backsliding, and technocracy.

Special Issue “The public sphere and democracy in transformation: Continuing the debate”, Brunkhorst, H., Seeliger, M., & Sevignani, S. (eds.), in *Philosophy & Social Criticism* [OnlineFirst].

- Brunkhorst, H., Seeliger, M., & Sevignani, S. (2023). The public sphere and democracy in transformation: Continuing the debate – An introduction. *Philosophy & Social Criticism*. <https://doi.org/10.1177/01914537231214451>
- Diaz Ruiz, C. (2023). Disinformation on digital media platforms: A market-shaping approach. *New Media & Society*, 14614448231207644. <https://doi.org/10.1177/14614448231207644>
- Nosthoff, A.-V., & Maschewski, F. (2023). The platform economy’s infrastructural transformation of the public sphere: Facebook and Cambridge Analytica revisited. *Philosophy & Social Criticism*. <https://doi.org/10.1177/01914537231203536>
- Ritzi, C. (2023). Balancing the digital universe: Power and patterns in the new public sphere. *Philosophy & Social Criticism*. <https://doi.org/10.1177/01914537231203540>
- Seeliger, M., & Baum, M. (2023). When Twitter blocked Trump: The paradox, ambivalence and dialectic of digitalized publics. *Philosophy & Social Criticism*. <https://doi.org/10.1177/01914537231203921>

Bastos, M., & Tuters, M. (2023). Meaningful disinformation: Narrative rituals and affective folktales. *Big Data & Society*, 10(2). <https://doi.org/10.1177/20539517231215361>

Berg, S. (2023). Im Maschinenraum politischer Repräsentation: Über den Umgang mit politischen Grundbegriffen in der digitalen Konstellation. In T. Adler-Bartels, S. Altenburger, V. Frick, T. Schottdorf, & T. Stein (Eds.), *Politische Grundbegriffe im 21. Jahrhundert* (pp. 365–388). Nomos Verlagsgesellschaft mbH & Co. KG. <https://doi.org/10.5771/9783748915591-365>

Jungherr, A., & Schroeder, R. (2023). Artificial intelligence and the public arena. *Communication Theory*, 33(2–3), 164–173. <https://doi.org/10.1093/ct/qtad006>

Symposium: Artificial Intelligence and Democracy. (2023). *Journal of Democracy*, 34(4), 109–110. <https://www.journalofdemocracy.org/artificial-intelligence-and-democracy/>

Trenz, H.-J. (2023). Democracy in the digital public sphere: Disruptive or self-corrective? *Communication Theory*, 33(2–3), 143–152. <https://doi.org/10.1093/ct/qtad009>

Contestation of Digital Technologies

Articles focused on contestation of digital technologies, including unionization, protest, subversion, and sabotage.

Upcoming special issue on “Artificial Intelligence Controversies”, Marres, N., Katzenbach, C., Munk, A. K., & Jobin, A. (eds.), in *Big Data & Society*.

<https://journals.sagepub.com/page/bds/collections/analysingartificialintelligencecontroversies>

- Suchman, L. (2023). The uncontroversial ‘thingness’ of AI. *Big Data & Society*, 10(2),.

<https://doi.org/10.1177/20539517231206794>

Bui, M. (2023). Data and/as activism: Community-based racial justice data repertoires. *New Media & Society*.

<https://doi.org/10.1177/14614448231206118>

Castel-Branco, R., & Dawson, H. J. (2023). The remaking of working classes: Digital labour platforms and workers’ struggles in the Global South. *Work in the Global Economy*, 3(2), 109–115.

<https://doi.org/10.1332/27324176Y2023D000000008>

Celentano, D. (2023). ‘Be your own boss’? Normative concerns of algorithmic management in the gig economy: reclaiming agency at work through algorithmic counter-tactics. *Philosophy & Social Criticism*.

<https://doi.org/10.1177/01914537231215680>

Upcoming Special Issue “The rise of algorithmic management and implications for work and organizations”, Zhang, M. M., Cooke, F. L., Ahlstrom, D., McNeil, N. (eds.), in *New Technology, Work and Employment*.

- Heiland, H. (2023). The social construction of algorithms: A reassessment of algorithmic management in food delivery gig work. *New Technology, Work and Employment*. <https://doi.org/10.1111/ntwe.12282>

Lancaster, C. M., Schulenberg, K., Flathmann, C., McNeese, N. J., & Freeman, G. (2023). “It’s Everybody’s Role to Speak Up... But Not Everyone Will”: Understanding AI Professionals’ Perceptions of Accountability for AI Bias Mitigation. *ACM Journal on Responsible Computing*. <https://doi.org/10.1145/3632121>

Moore, P. V. (2023). Workers’ right to the subject: The social relations of data production. *Convergence*.

<https://doi.org/10.1177/13548565231199971>

Odilla, F., & Mattoni, A. (2023). Unveiling the layers of data activism: The organising of civic innovation to fight corruption in Brazil. *Big Data & Society*, 10(2). <https://doi.org/10.1177/20539517231190078>

Salamon, E. (2023). Communicative labor resistance practices: Organizing digital news media unions and precarious work. *Communication Theory*, 33(4), 186–196. <https://doi.org/10.1093/ct/qtac023>

Schmalz, S., Basualdo, V., Serrano, M., Vandaele, K., & Webster, E. (2023). Varieties of platform unionism: A view from the Global South on workers’ power in the digital economy. *Work in the Global Economy*, 3(2), 201–224. <https://doi.org/10.1332/27324176Y2023D000000001>

Suárez Val, H., D’Ignazio, C., Acosta Romero, J., Teng, M. Q., & Fumega, S. (2023). Data activism and feminicide. *Big Data & Society*, 10(2). <https://doi.org/10.1177/20539517231215356>

Zong, J., & Matias, J. N. (2023). Data Refusal From Below: A Framework for Understanding, Evaluating, and Envisioning Refusal as Design. *ACM Journal on Responsible Computing*. <https://doi.org/10.1145/3630107>

Methods and Methodology

Articles taking or presenting new methodological approaches that allow us to study our phenomena of interest.

Habu, A. A., & Henderson, T. (2023). Data subject rights as a research methodology: A systematic literature review. *Journal of Responsible Technology*, 16. <https://doi.org/10.1016/j.jrt.2023.100070>

Schuilenburg, M., & Soudijn, M. (2023). Big data policing: The use of big data and algorithms by the Netherlands Police. *Policing: A Journal of Policy and Practice*, 17. <https://doi.org/10.1093/police/paad061>

Special Section: Books

Three edited volumes of great relevance to our work have appeared recently. Furthermore, Lorraine Daston's *Rules* is now available in German, with a great chapter on algorithms.

Carstensen, T., Schaupp, S., & Seignani, S. (Eds.). (2023). *Theorien des digitalen Kapitalismus: Arbeit, Ökonomie, Politik und Subjekt*. Suhrkamp.

Daston, L. (2023). *Regeln: Eine kurze Geschichte*. Suhrkamp.

- Kapitel 5: „Algorithmische Intelligenz im Zeitalter der Rechenmaschinen“

Lindgren, S. (Ed.). (2023). *Handbook of critical studies of artificial intelligence*. Edward Elgar Publishing.

Upcoming *Oxford Handbook of the Sociology of Machine Learning*, Borch, C., & Pardo-Guerra, J. P. (eds.) Oxford University Press.

– Airoidi, M. (2023). Computational Authority in Platform Society: Dimensions of Power in Machine Learning. In C. Borch & J. P. Pardo-Guerra (Eds.), *The Oxford Handbook of the Sociology of Machine Learning* (1st ed.). Oxford University Press. <https://doi.org/10.1093/oxfordhb/9780197653609.013.40>

List of journals reviewed for this selection

- ACM Journal on Responsible Computing
- AI & Society
- Annual Review of Law and Social Science
- Annual Review of Political Science
- Annual Review of Sociology
- BEHEMOTH - A Journal on Civilisation
- Big Data & Society
- Catalyst: Feminism, Theory, and Technoscience
- Communication Theory
- Computer Law Review International
- Constellations
- Convergence
- Democratic Theory
- Democratization
- Der Moderne Staat
- European Journal of Communication
- European Journal of Political Theory
- European Journal of Social Theory
- FAccT Conference Accepted Papers
- Feministische Studien
- Historical Social Research
- Information, Communication & Society
- International Journal of Communication
- Internet Policy Review
- JIPITEC – Journal of Intellectual Property, Information Technology and E-Commerce Law
- Journal of Cyber Policy
- Journal of Democracy
- Journal of Digital Media & Policy
- Journal of Digital Social Research
- Journal of Information Technology & Politics
- Journal of Media Law
- Journal of Political Philosophy
- Kölner Zeitschrift für Soziologie und Sozialpsychologie
- Leviathan
- Media and Communication
- Mittelweg 36
- New Media & Society
- New Technology, Work and Employment
- Philosophy & Social Criticism
- Philosophy & Technology
- Policy & Internet
- Political Communication
- Political Studies
- Politische Vierteljahresschrift
- Proceedings of the STS Conference Graz
- Regulation & Governance
- Review of International Studies
- Science and Technology Studies
- Science, Technology, & Human Values
- Social Media + Society
- Social Science Computer Review
- Sociologica
- Sociological Theory
- Soziale Systeme
- Surveillance & Society
- Telecommunications Policy
- The Information Society
- Theory, Culture and Society
- Transnational Legal Theory
- Weizenbaum Journal of the Digital Society
- Work in the Global Economy
- WZB Mitteilungen
- Yale Journal of Law and Technology
- Zeitschrift für Medienwissenschaft
- Zeitschrift für Politikwissenschaft
- Zeitschrift für Soziologie

Since the last edition, we have removed eight journals and added nine new ones.

Time period: This newsletter issue covers articles that were published between September and November 2023

You can find all issues here: <https://cloud.weizenbaum-institut.de/s/BWkcEZ4rDyPZraw> (PW: Digest2023)

Newsletter archive (issues published between January 2018 and September 2022): https://digidem.weizenbaum-institut.de/literaturradar_archiv/