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TechDo Digest

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

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Technology, Power, and Domination

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

Special Issue “An AI Society”. *Issues in Science and Technology*, Winter 2024. <https://issues.org/an-ai-society/>

- Collection of 11 short essays on AI, developed in the context of a working group on AI and Justice, convened by Kate Crawford at the Ecole Normale Supérieure.

Special Issue “Critical Data Studies in Latin America”, R. Grohmann (ed.). *Big Data & Society*.

https://journals.sagepub.com/page/bds/collections/critical_data_studies_in_latin_america

- Lehedé, S. (2024). An alternative planetary future? Digital sovereignty frameworks and the decolonial option. *Big Data & Society*, 11(1). <https://doi.org/10.1177/20539517231221778>
- Ricaurte, P., Gómez-Cruz, E., & Siles, I. (2024). Algorithmic governmentality in Latin America: Sociotechnical imaginaries, neocolonial soft power, and authoritarianism. *Big Data & Society*, 11(1). <https://doi.org/10.1177/20539517241229697>
- Valente, J. C. L., & Grohmann, R. (2024). Critical data studies with Latin America: Theorizing beyond data colonialism. *Big Data & Society*, 11(1). <https://doi.org/10.1177/20539517241227875>

Special Issue “Macht und Gegenmacht in der digitalen Transformation”, T. Kampf, M. Klöpffer & S. Lücking (eds.). *WSI-Mitteilungen* 77(1).

- Bringmann, J., Petersen, B. H., & Staab, P. (2024). Vernetzte Klinik. *WSI-Mitteilungen*, 77(1), 10–17. <https://doi.org/10.5771/0342-300X-2024-1-10>
- Kämpf, T., Klöpffer, M., & Lücking, S. (2024). Macht und Gegenmacht in der digitalen Transformation. *WSI-Mitteilungen*, 77(1), 2–2. <https://doi.org/10.5771/0342-300X-2024-1-2>
- Carstensen, T., & Ganz, K. (2024). Künstliche Intelligenz und Gender – eine Frage diskursiver (Gegen-)Macht? *WSI-Mitteilungen*, 77(1), 26–33. <https://doi.org/10.5771/0342-300X-2024-1-26>

Special Issue “Beyond the Tropicalization of Concepts: Theorizing Digital Realities with and from the Global South”, E. Gómez-Cruz, H. Horst, I. Siles & C. Soriano (eds.). *Communication, Culture and Critique*, 16(4).

- Gómez-Cruz, E., Horst, H., Siles, I., & Soriano, C. (2023). Beyond the tropicalization of concepts: Theorizing digital realities with and from the Global South (introduction to a special issue). *Communication, Culture and Critique*, 16(4), 217–220. <https://doi.org/10.1093/ccc/tcad037>
- Grohmann, R. (2023). Not just platform, nor cooperatives: Worker-owned technologies from below. *Communication, Culture and Critique*, 16(4), 274–282. <https://doi.org/10.1093/ccc/tcad036>
- Nemmani, S., & Rodriguez, C. (2023). Between incursions and appropriations: Digital technologies and pluriversal modernities in the Global South. *Communication, Culture and Critique*, 16(4), 258–265. <https://doi.org/10.1093/ccc/tcad028>

Special Issue “Governance by infrastructure”, L. Stiefel, M. Currie, F. Musiani, A. Sandoz, A. Silvast, & R. Williams (eds.). *First Monday*, 29(2).

- Bennani-Taylor, S. (2024). Infrastructuring AI: The stabilization of “artificial intelligence” in and beyond national AI strategies. *First Monday*, 29(2). <https://doi.org/10.5210/fm.v29i2.13568>

- Molin, L. D. (2024). Notes towards infrastructure governance for large language models. *First Monday*, 29(2). <https://doi.org/10.5210/fm.v29i2.13567>

Upcoming Special Issue “Care-ful data studies”, I. Zakharova & J. Jarke (eds.). *Information, Communication & Society*.

- Zakharova, I., & Jarke, J. (2024). Care-ful data studies: Or, what do we see, when we look at datafied societies through the lens of care? *Information, Communication & Society*. <https://doi.org/10.1080/1369118X.2024.2316758>
- Jarke, J., & Büchner, S. (2024). Who cares about data? Data care arrangements in everyday organisational practice. *Information, Communication & Society*. <https://doi.org/10.1080/1369118X.2024.2320917>

Berry, D. M., & Stockman, J. (2024). Schumacher in the age of generative AI: Towards a new critique of technology. *European Journal of Social Theory*, . <https://doi.org/10.1177/13684310241234028>

Edwards, D., Cooper, Z. G. T., & Hogan, M. (2024). The making of critical data center studies. *Convergence*. <https://doi.org/10.1177/13548565231224157>

Flyverbom, M. (2024). Theorizing data analysis platforms – digital refractions and reconfigurations of pasts, presents and futures. *Information, Communication & Society*. <https://doi.org/10.1080/1369118X.2024.2320907>

Foster, C. (2024). Intellectual property rights and control in the digital economy: Examining the expansion of M-Pesa. *The Information Society*, 40(1), 1–17. <https://doi.org/10.1080/01972243.2023.2259895>

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.

Collier, B., Stewart, J., Horgan, S., Thomas, D. R., & Wilson, L. (2024). Influence government, platform power and the patchwork profile: Exploring the appropriation of targeted advertising infrastructures for government behaviour change campaigns. *First Monday*, 29(2). <https://doi.org/10.5210/fm.v29i2.13579>

Gargiulo, E. (2024). A Contested Script: Conjuring Security through Registration in Italy. *Science, Technology, & Human Values*. <https://doi.org/10.1177/01622439231221608>

Kaun, A., & Liminga, A. (2023). Welfare service centers: Maintenance, repair, and care at the analog interfaces of the digital welfare state. *New Media & Society*. <https://doi.org/10.1177/14614448231220362>

Zakharova, I., Jarke, J., & Kaun, A. (2024). Tensions in digital welfare states: Three perspectives on care and control. *Journal of Sociology* (online first). <https://doi.org/10.1177/14407833241238312>

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.

Bernot, A., Cooney-O'Donoghue, D., & Mann, M. (2024). Governing Chinese technologies: TikTok, foreign interference, and technological sovereignty. *Internet Policy Review*, 13(1).

<https://policyreview.info/articles/analysis/governing-chinese-technologies>

Chiappetta, A. (2023). Navigating the AI frontier: European parliamentary insights on bias and regulation, preceding the AI Act. *Internet Policy Review*, 12(4). <https://policyreview.info/articles/analysis/navigating-ai-frontier-european-parliamentary-insights>

Coe, P. (2024). Tackling online false information in the United Kingdom: The Online Safety Act 2023 and its disconnection from free speech law and theory*. *Journal of Media Law*.

<https://doi.org/10.1080/17577632.2024.2316360>

Egliston, B., Carter, M., & Clark, K. E. (2024). Who will govern the metaverse? Examining governance initiatives for extended reality (XR) technologies. *New Media & Society*. <https://doi.org/10.1177/14614448231226172>

Hartley, J. (2023). Policy is theft: The state of global Internet policy in an age of revolutions. *Policy & Internet*, 15(4), 591–610. <https://doi.org/10.1002/poi3.364>

Högberg, C. (2024). Stabilizing translucencies: Governing AI transparency by standardization. *Big Data & Society*, 11(1). <https://doi.org/10.1177/20539517241234298>

Laux, J., Wachter, S., & Mittelstadt, B. (2024). Trustworthy artificial intelligence and the European Union AI act: On the conflation of trustworthiness and acceptability of risk. *Regulation & Governance*, 18(1), 3–32.

<https://doi.org/10.1111/rego.12512>

Matthan, R. (2024). The Approach to AI Regulation for the Global South—The difference in balancing two regulatory approaches to AI. *Computer Law Review International*, 25(1), 1–5. <https://doi.org/10.9785/cr-2024-250101>

Munch, L. A., Bjerring, J. C., & Mainz, J. T. (2024). Algorithmic decision-making: The right to explanation and the significance of stakes. *Big Data & Society*, 11(1). <https://doi.org/10.1177/20539517231222872>

Xenidis, R. (2024). Beyond bias: Algorithmic machines, discrimination law and the analogy trap. *Transnational Legal Theory*. <https://doi.org/10.1080/20414005.2024.2307200>

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.

- Bohn, S., Gümüşay, A. A., Richthofen, G. von, & Reischauer, G. (2023). Digital organising. *Internet Policy Review*, 12(4). <https://policyreview.info/articles/analysis/digital-organising>
- Cipers, S., Meyer, T., & Lefevere, J. (2023). Government responses to online disinformation unpacked. *Internet Policy Review*, 12(4). <https://policyreview.info/articles/analysis/government-responses-to-online-disinformation-unpacked>
- Iglesias Keller, C., & Martins Dos Santos, B. (2024). Trackers and Chasers. In C. Aguerre, M. Campbell-Verduyn, & J. A. Scholte, *Global Digital Data Governance* (1st ed., pp. 148–164). Routledge. <https://doi.org/10.4324/9781003388418-11>
- Jung, S. (2023). Die Komplexität hybrider Öffentlichkeiten und ihre Konsequenzen für die Theorie. *BEHEMOTH*, 16(2). <https://doi.org/10.6094/BEHEMOTH.2023.16.2.1098>
- Keller, C. I., & Magalhães, J. C. (2023). Regulating AI in democratic erosion: Context, imaginaries and voices in the Brazilian debate. In M. Findlay, L. M. Ong, & W. Zhang (Eds.), *Elgar Companion to Regulating AI and Big Data in Emerging Economies* (pp. 183–200). Edward Elgar Publishing. <https://doi.org/10.4337/9781785362408.00018>
- Kniep, R., Ewert, L., Reyes, B. L., Tréguer, F., Cluskey, E. M., & Aradau, C. (2024). Towards democratic intelligence oversight: Limits, practices, struggles. *Review of International Studies*, 50(1), 209–229. <https://doi.org/10.1017/S0260210523000013>
- Lauer, L., & Graves, L. (2024). How to grow a transnational field: A network analysis of the global fact-checking movement. *New Media & Society*. <https://doi.org/10.1177/14614448241227856>
- Obendiek, A. S. (2024). The politics of tech responsibility: Understanding companies' responsibility as representative claims. *New Media & Society*. <https://doi.org/10.1177/14614448241229406>
- Ojala, M., & Ripatti-Torniainen, L. (2023). Where is the public of 'networked publics'? A critical analysis of the theoretical limitations of online publics research. *European Journal of Communication*. <https://doi.org/10.1177/02673231231210207>
- Yan, P., & Schroeder, R. (2024). *Drifting Away from the Mainstream: Media Attention and the Politics of Hyperpartisan News Websites*. <https://doi.org/10.34669/WI.WJDS/4.2.2>

Contestation of Digital Technologies

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

- Duenas-Cid, D., & Calzati, S. (2023). Dis/Trust and data-driven technologies. *Internet Policy Review*, 12(4). <https://policyreview.info/articles/analysis/distrust-and-data-driven-technologies>
- Irani, L. (2023). Encountering Innovation, Countering Innovation. *Engaging Science, Technology, and Society*, 9(2), Article 2. <https://doi.org/10.17351/ests2023.2303>

- Petersmann, M., & Van Den Meerssche, D. (2024). On phantom publics, clusters, and collectives: Be(com)ing subject in algorithmic times. *AI & SOCIETY*, 39(1), 107–124. <https://doi.org/10.1007/s00146-023-01728-8>
- Seibt, D. (2024). Platform Organizations and Fields: Exploring the Influence of Field Conditions on Platformization Processes. *Critical Sociology*. <https://doi.org/10.1177/08969205231221444>
- Sloane, M. (2024). Controversies, contradiction, and “participation” in AI. *Big Data & Society*, 11(1). <https://doi.org/10.1177/20539517241235862>
- van Geenen, D., van Es, K., & Gray, J. W. (2023). Pluralising critical technical practice. *Convergence*. <https://doi.org/10.1177/13548565231192105>
- Vilasís-Pamos, J., Pires, F., Grohmann, R., & Fernandes Araujo, W. (2024). Social media and platform work: Stories, practices, and workers’ organisation. *Convergence*. <https://doi.org/10.1177/13548565241227391>

Books

A range of new books has appeared in the past months that we would like to highlight.

- Aguerre, C., Campbell-Verduyn, M., & Scholte, J. A. (2024). *Global Digital Data Governance: Polycentric Perspectives*. Routledge. ([Open Access](#))
- Beer, D. (2024). *The Tensions of Algorithmic Thinking: Automation, Intelligence and the Politics of Knowing*. Bristol University Press.
- Bonini, T., & Treré, E. (2024). *Algorithms of Resistance: The Everyday Fight Against Platform Power*. The MIT Press. ([Open Access](#))
- Browne, J., Cave, S., Drage, E., & McInerney, K. (Eds.). (2023). *Feminist AI: Critical Perspectives on Data, Algorithms and Intelligent Machines*. Oxford University Press. ([Open Access](#))
- Findlay, M., Ong, L. M., & Zhang, W. (Eds.). (2023). *Elgar Companion to Regulating AI and Big Data in Emerging Economies*. Edward Elgar Publishing.
- Haggart, B., & Tusikov, N. (2023). *The New Knowledge: Information, Data and the Remaking of Global Power*. Rowman & Littlefield. ([Open Access](#))
- Jarke, J., Prietl, B., Boeva, Y., Heuer, H., & Arnold, M. (Eds.). (2024). *Algorithmic Regimes*. Amsterdam University Press. ([Open Access](#))
- Mendonca, R. F., Almeida, V., Filgueiras, F., Mendonca, R. F., Almeida, V., & Filgueiras, F. (2023). *Algorithmic Institutionalism: The Changing Rules of Social and Political Life*. Oxford University Press. ([Open Access](#))

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

Time period: This newsletter issue covers articles that were published between December 2023 and March 2024.

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/

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