**Schaufler Kolleg@TU Dresden, Seminar Program / Summer Semester 2024**

The Schaufler Kolleg@TU Dresden began its second phase (2024-2027) with bi-weekly seminars focused on the theme *Data↔Worlds*. These thematically clustered seminars aimed to create an interdisciplinary research setting where the Kolleg fellows explore the dynamic relationship between data and worlds. The extensive bibliography supported a critical examination of the material and sociocultural infrastructures of contemporary data practices and environments. Some key questions we addressed include: How do the historical roots of 'datafication,' from the rise of statistics to colonial biopolitics, shape current data applications? How do recent large-scale, data-driven technologies promote new planetary experiments and futures while posing additional challenges? And how is the growing impact of data transforming the ways in which we produce and share knowledge? The Kolleg fellows, along with the Schaufler residency artist Lena von Goedeke, brought their diverse research backgrounds and interests, adding depth and variety to the discussions. Notable highlights were a visit to the Berlin studio of Lena von Goedeke and an excursion to the German Center for Astrophysics in Görlitz, where scholarly exchanges evolved into hands-on, collaborative experiences.

**1 – Statistics, Control, and Biopolitics [15.05.2024]**

**Required Readings:**
Michel Foucault, "Right of Death and Power Over Life" in *The History of Sexuality Volume 1: An Introduction*, trans. Robert Hurley (New York: Pantheon Books, 1978), 133–159.

Ian Hacking, "Making Up People," *London Review of Books* 28, no. 16-17 (August 2006). https://www.lrb.co.uk/the-paper/v28/n16/ian-hacking/making-up-people

Evelyn Ruppert and Stephan Scheel, "Introduction: The Politics of Making Up a European People" in *Data Practices: Making Up a European People*, ed. Evelyn Ruppert and Stephan Scheel (London: Goldsmiths Press, 2021), 1–28.

**Further Readings:**
Allan Sekula, "The Body and the Archive," *October* 39 (Winter 1986): 3–64.

Geoffrey C. Bowker and Susan Leigh Star, "Introduction: To Classify Is Human" in *Sorting Things Out: Classification and its Consequences* (Cambridge: The MIT Press, 1999), 1–32.

Bernhard Siegert, "Cultural Techniques: Or the End of the Intellectual Postwar Era in German Media Theory," *Theory, Culture & Society* 30, no. 6 (2013): 48–65.

Michelle Murphy, "Infrastructures of Counting and Affect," in *The Economization of Life* (Durham: Duke University Press, 2017), 59–72.

**2 – Race, Gender, and Coloniality [29.05.2024]**

**Required Readings:**
Simone Browne, "B®anding Blackness: Biometric Technology and the Surveillance of Blackness," in *Dark Matter: On the Surveillance of Blackness* (Durham: Duke University, 2015), 89–130.

Nick Couldry and Ulises A. Mejias, "Data Colonialism: Rethinking Big Data's Relation to the Contemporary Subject," *Television & New Media* 20, no. 4 (2019): 336–349.

Nicholas Mirzoeff, "Artificial Vision, White Space and Racial Surveillance Capitalism," *AI & SOCIETY* 36 (November 2020): 1295–1305.

**Further Readings:**
Lennard J. Davis, "Constructing Normalcy," in Enforcing Normalcy: Disability, Deafness, and the Body (London/New York: Verso Books, 1995), 23–49.

Safiya Umoja Noble, "Introduction: The Power of Algorithms," in *Algorithms of Oppression: How Search Engines Reinforce Racism* (New York: New York University Press, 2018), 1–14.

Ruha Benjamin, Selections from *Race After Technology: Abolitionist Tools for the New Jim Code* (Cambridge/Medford: Polity Press, 2019).

Catherine D'Ignazio and Lauren F. Klein, Selections from *Data Feminism* (Cambridge: MIT Press, 2020), accessed April 29, 2024, https://data-feminism.mitpress.mit.edu

Wendy H. K. Chun, "Recognizing Recognition," in *Discriminating Data: Correlation, Neighborhoods, and the Politics of Recognition* (Cambridge: MIT Press, 2021), 185–230.

**3 – Sensing Data Environments [12.06.2024]**

**Required Readings:**
Jennifer Gabrys, "Sensing Climate Change and Expressing Environmental Citizenship," in *Programmed Earth: Environmental Sensing Technology and the Making of a Computational Planet* (Minneapolis/London: University of Minnesota Press, 2016), 111–136.

Crawford, K., and V. Joler. "Anatomy of an AI System: The Amazon Echo as an Anatomical Map of Human Labor, Data and Planetary Resources," *AI Now Institute and Share Lab* (September 2018), accessed 29 April 2024, https://anatomyof.ai

Jussi Parikka, "Operational Aesthetics: Cinema for Territorial Management," in *Operational Images: From the Visual to the Invisual.* (Minneapolis/London: University of Minnesota Press, 2023), 139–176.

**Further Readings:**
Lisa Parks & Nicole Starosielski (Ed.), "Introduction," in *Signal Traffic: Critical Studies of Media Infrastructures* (Campaign: University of Illinois Press, 2015), 1–27.

Sandro Mezzadra & Brett Neilson, "On the Multiple Frontiers of Extraction: Excavating Contemporary Capitalism," *Cultural Studies*, 2017: 1–19.

Katherine Hayles, "Cognitive Assemblages: Technical Agency & Human Interactions" in *Unthought: The Power of the Cognitive Nonconscious* (Chicago/London: The University of Chicago Press, 2017), 115–141.

Justin Parks, "The Poetics of Extractivism and the Politics of Visibility," *Textual Practice* 35, no. 3 (2021): 353–362.

**4 – Planetary Data and Infrastructures [26.06.2024]**

**Required Readings:**
Paul N. Edwards, "Thinking Globally" in *A Vast Machine: Computer Models, Climate Data, and the Politics of Global Warming* (Cambridge: MIT Press, 2010), 1–26.

Orit Halpern, "Planetary Intelligence," in *The Cultural Life of Machine Learning: An Incursion into Critical AI Studies*, ed. by Jonathan Roberge and Michael Castelle (London: Palgrave Macmillan, 2021), 227–256.

Adam Wickberg & Johan Gärdebo, "Computation, Data and AI in Anthropocene History," *History and Technology* 39, no. 3-4 (2024): 1–19.

**Further Readings:**
Brian Larkin, "The Politics and Poetics of Infrastructure," *Annual Review of Anthropology,* 42, 2013: 327–43.

Shannon Mattern, "Infrastructural Tourism," *Places Journal,* July 2013.
https://doi.org/10.22269/130701

Tung-Hui Hu, "Black Boxes and Green Lights: Media, Infrastructure, and the Future at Any Cost." *English Language Notes* 55, no.1-2 (Spring/Fall 2017): 81–88.

Shoshana Zuboff, "Big Other: Surveillance Capitalism and the Prospects of an Information Civilization," *Journal of Information Technology* 30, no. 1 (March 2015): 75–89.

**5 – Data Praxis, Methods, and Aesthetics [10.07.2024]**

**Required Readings:**
Donna Haraway, "Situated Knowledges: The Science Question in Feminism and the Privilege of Partial Perspective," *Feminist Studies* 14, no. 3 (1988): 575–599.

Adam Dickinson, Selections from *Anatomic* (Toronto: Coach House Books, 2018).

Louise Amoore, Alexander Campolo, Benjamin Jacobsen, & Ludovico Rella, "A World Model: On the Political Logics of Generative AI," *Political Geography* 113 (May, 2024): 103134.

**Further Readings:**
danah boyd and Kate Crawford. "CRITICAL QUESTIONS FOR BIG DATA: Provocations for a Cultural, Technological, and Scholarly Phenomenon." *Information, Communication & Society* 15, no. 5 (2012): 662–679.

Mindy Seu, *The Cyberfeminism Index* (Los Angeles: Inventory Press, 2022), accessed April 29, 2024, https://cyberfeminismindex.com

Lucrezia Canzutti & Martina Tazzioli, "Digital–Nondigital Assemblages: Data, Paper Trails, and Migrants' Scattered Subjectivities at the Border." *International Political Sociology* 17, no. 3 (September 2023): 1–17.

Michael Klipphahn-Karge, Ann-Kathrin Koster & Sara Morais dos Santos Bruss, "Introduction: Queer AI," in *Queering Reflections on AI: Uncertain Intelligences,* ed. Michael Klipphahn-Karge, Ann-Kathrin Koster & Sara Morais dos Santos Bruss (London/New York: Routledge, 2023), 1–20.