CURRICULUM VITAE

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Education and Training

11/2026 — **KARLSRUHE INSTITUTE OF TECHNOLOGY (KIT)**
Habilitation and venia legendi in Environmental History and History of Technology

2015 – 2019/2021 — **LUDWIG MAXIMILIAN UNIVERSITY MUNICH / RACHEL CARSON CENTER FOR ENVIRONMENT AND SOCIETY**
PhD (Dr. phil.) in Modern and Contemporary History
Thesis: "The Birth of Geoengineering. Large-scale Engineering Projects in the Early Stage of the Anthropocene (1850–1950)"
Supervisors: Prof. Dr. Helmuth Trischler & Prof. Dr. Christof Mauch

10/2011 – 3/2014 — **UNIVERSITY OF POTSDAM**
M.A. in History (M.A.-Program: Spaces of Cultural Encounters in Early Modern History) ["with distinction"]
Thesis: "China as a Catalyst for European Modernity. Cultural Encounters across Three Centuries"

2 – 7/2013 — **UNIVERSITY OF ZURICH (UFSP Asia & Europe) / UNIVERSITY OF BERN (Oeschger Centre for Climate Change Research)**
M.A.-Erasmus-Program

10/2007 – 7/2011 — **UNIVERSITY OF POTSDAM**
B.A. in History and German Philology
Thesis: "Compiling Asia at the Dawn of the Enlightenment's Knowledge Revolution: Studies on Athanasius Kircher's China Illustrata (1667)"

Placed on Appointment Lists for Professorships

4/2026 — **BOKU UNIVERSITY, VIENNA**
TT Professorship "Environmental History"

3/2025 — **UNIVERSITY OF VIENNA**
TT Professorship "Historical Dimensions of the Anthropocene"

12/2023 — **TECHNICAL UNIVERSITY OF MUNICH**
TT Professorship (W2) "History of Technology"

Positions / Fellowships

Since 10/2026 — **TECHNICAL UNIVERSITY OF DRESDEN**
Interim Professor for History of Technology and Economic History (W3 Chair), academic leadership and coordination of a team of approximately ten members.

9/2025 – 8/2026 — **HARVARD UNIVERSITY, DPT. OF THE HISTORY OF SCIENCE / UNIVERSITY OF MARYLAND, COLLEGE PARK, DPT. OF HISTORY**
Postdoctoral Scholar (Harvard: 9/2025 – 2/2026; Maryland: 3 – 8/2026)

Since 9/2025	**TECHNICAL UNIVERSITY OF BERLIN** DAAD PRIME Fellow = 18 months "Wissenschaftlicher Mitarbeiter" at TUB, History of Technology, first 12 months sent abroad (USA); on leave since 10/2026 for interim professorship at TU Dresden
Since 4/2022	**KARLSRUHE INSTITUTE OF TECHNOLOGY (KIT), INSTITUTE OF TECHNOLOGY FUTURES (ITZ), DPT. OF HISTORY** Lecturer ("Lehrbeauftragter")
12/2021 – 8/2025	**DEUTSCHES MUSEUM MUNICH – RESEARCH INSTITUTE FOR THE HISTORY OF SCIENCE AND TECHNOLOGY** Postdoctoral Researcher (DFG "Eigene Stelle", 12/2021 – 1/2025) / Guest Researcher (2 – 8/2025); Leibniz Society Evaluation of Deutsches Museum 2024: responsible for Environmental History section – report & presentation
3/2024	**GERMAN HISTORICAL INSTITUTE, LONDON** Postdoctoral Fellow
4/2016 – 11/2021	**DEUTSCHES MUSEUM MUNICH – RESEARCH INSTITUTE FOR THE HISTORY OF SCIENCE AND TECHNOLOGY** Research Fellow ("Wissenschaftlicher Mitarbeiter", 4/2016 – 4/2019) / Guest Researcher (5/2019 – 4/2020) / Scholar in Residence (5/2020 – 11/2021)
4/2017	**GERMAN HISTORICAL INSTITUTE, WASHINGTON D.C.** Doctoral Fellow
7/2015 – 3/2016	**DEUTSCHES MUSEUM MUNICH – ARCHIVE** Research Assistant ("Wissenschaftliche Hilfskraft")
4/2014 – 7/2014	**CENTRO DE INVESTIGACIONES FILOSÓFICAS, BUENOS AIRES** Marie-Curie Fellow; ESR in the EU-FP7 Program "WORLDBRIDGES – Philosophy of History and Globalisation of Knowledge. Cultural Bridges Between Europe and Latin America"

Awards and Honors

ESEH Tallinn Dissertation Prize 2021 – "highly commended" (Top 4)

Turriano ICOHTEC Prize 2021 – "honourable mention" (Top 3)

ESEH Poster Prize 2015 – 1st Prize

Publications

Books, Edited Volumes and Special Issues

Why Goods and Data Flow: Microhistories of Labor and Logistics in a Global Perspective, ed. with Heike Weber [in preparation].

Umwelt – Technik – Wissen. Verflechtungen vom 18. Jahrhundert bis heute ed. with Fabian Zimmer, Sebastian De Pretto, Robert Groß, Eike-Christian Heine, Sarah Hijmans, Aske Hennelund Nielsen, Caterina Schürch, Karolin Wetjen, and Christian Zumbrägel, Bielefeld: transcript [Umwelt- und Klimageschichte 6] https://www.transcript-verlag.de/978-3-8376-7863-5/umwelt-technik-wissen/

Review in: H-Soz-Kult (2026)

Beyond the Lab and the Field: Infrastructures as Places of Knowledge Production Since the Late Nineteenth Century, ed. with Eike-Christian Heine, Pittsburgh: University of Pittsburgh Press, 2022 [Intersections: Histories of Environment, Science, and Technology in the Anthropocene, ed. by Sarah Elkind & Finn Arne Jørgensen], https://upittpress.org/books/9780822946373/

Reviews in: H-Net Reviews (H-Sci-Med-Tech) / Technology and Culture / Isis / Choice

Die Geburt des Geoengineerings. Großbauprojekte in der Frühphase des Anthropozäns, Wallstein: Göttingen, 2021 [Deutsches Museum. Abhandlungen und Berichte – Neue Folge, Bd. 34], https://www.wallstein-verlag.de/9783835333727-die-geburt-des-geoengineerings.html

Reviews in: HSozKult / Tagesspiegel / Technology and Culture / Das Archiv. Magazin für Kommunikationsgeschichte / WerkstattGeschichte / Industriekultur

Jean Henri Samuel Formey – Wissensmultiplikator der Berliner Aufklärung, ed. with Jannis Götze, Hannover: Wehrhahn, 2016 [Aufklärung und Moderne 36].

Articles in Journals and Edited Volumes
* = peer-reviewed

(with Laila Kunze) "Eating Dust at Night: Gender, Migration, and the Persistence of Manual Labor in London's Underground Maintenance" [in preparation].

"After the Ribbon is Cut. Histories of Maintenance and Repair on Germany's Railway Infrastructures in Early 20th Century" (invited for *The Routledge Handbook of Modern Infrastructural History*, edited by Sebastian De Pretto, Odin Melsted, Sam Grinsell, and Erika Hanna) [revised and resubmitted].

(with Frank Zwintzscher) "Kreosot: Zwischen Infrastruktur- und Umweltgeschichte und den stofflichen Herausforderungen musealer Praxis" [submitted].

* "Coal Colonialism. Envirotechnical Infrastructures and Transactions between Germans and Chinese in Shandong (1897-1914)," *German History* 43, no. 4 (2025), 533–551, https://doi.org/10.1093/gerhis/ghag003

* "Tracing Creosote's Legacy: From the Rails of Europe to Unplanned Deposits," *Technology and Culture* 66, no. 3 (2025), 777–798, https://doi.org/10.1353/tech.2025.a965824

*"Sicherheit ist Beinarbeit. Spannungsfelder historischer Wartungskulturen am Beispiel des Bahnunterhaltungsdienstes in Deutschland zu Beginn des 20. Jahrhunderts," *traverse. Zeitschrift für Geschichte. Revue d'histoire,* no. 1 (2025), 61–80, https://doi.org/10.5169/seals-1082062

(with Fabian Zimmer, Christian Zumbrägel, Karolin Wetjen, Robert Groß and Sebastian De Pretto) "Umweltgeschichte als Verflechtungsgeschichte. Einleitung" *Umwelt – Technik – Wissen. Verflechtungen vom 18. Jahrhundert bis heute* ed. by Fabian Zimmer, Sebastian De Pretto, Robert Groß, Eike-Christian Heine, Sarah Hijmans, Martin Meiske, Aske Hennelund Nielsen, Caterina Schürch, Karolin Wetjen, and Christian Zumbrägel, Bielefeld: transcript, 2025, 11–26, https://www.transcript-verlag.de/978-3-8376-7863-5/umwelt-technik-wissen/

"Geologie," *Wirtschaft und Wissenschaft: Naturwissenschaften und Medizin*, ed. by Michael C. Schneider and Heiner Fangerau [De Gruyter: Berlin 2025], 107–128, https://doi.org/10.1515/9783110624748-004

How to Commemorate Railways at 200? Unearthing Histories of Maintenance, Global Material Flows, and Colonialism, *German Historical Institute London Blog*, 31 July 2025, https://ghil.hypotheses.org/5351

* (with Stefan Esselborn) "Public History: The Infrastructural Utopia of Metropa," *Technology and Culture* 65, no. 4 (2024), 1335–1347, https://doi.org/10.1353/tech.2024.a940473

* (with Fabienne Will) "Erdsystemisches Lehren und Lernen. Orientierungswissen für eine Geo-Geschichts-Didaktik," *Zeitschrift für Geschichtsdidaktik* 23 (2024), 44–62, https://doi.org/10.13109/zfgd.2024.23.1.59

* "Empire, Extraction and Externalization. Wood Impregnation in Early 20th Century Bosnia and its Precarious Legacy," In *Environmental Histories of the Dinaric Karst*, ed. by Borna Fuerst-Bjeliš, Jelena Mrgić, Hrvoje Petrić, Matija Zorn, and Žiga Zwitter [Cham: Springer, 2024], 377–399, https://doi.org/10.1007/978-3-031-56089-7_13

"Clio-Guide: Technikgeschichte", *Clio Guide – Ein Handbuch zu digitalen Ressourcen für die Geschichtswissenschaften*, ed. by Silvia Daniel, Wilfried Enderle, Rüdiger Hohls, Thomas Meyer, Jens Prellwitz, Claudia Prinz, Annette Schuhmann, Silke Schwandt, Berlin 2023, https://doi.org/10.60693/e458-ba35

* "Exploring the Earth through its Anthropogenic Scars. Geology and the Construction of the Panama Canal," in: *Beyond the Lab and the Field: Infrastructures as Places of Knowledge Production Since the Late Nineteenth Century*, ed. by Eike-Christian Heine and Martin Meiske [Pittsburgh: University of Pittsburgh Press, 2022], 43–62, https://doi.org/10.2307/j.ctv2fwfz3h.6

> "Explorando la Tierra a través de sus cicatrices antropogénicas. Geología y la construcción del Canal de Panamá," in: *Infraestructuras y Ciudades en Latinoamérica. Perspectivas desde la Historia Urbana y Ambiental*, ed. by Sergio Miranda Pacheco [in Spanish; forthcoming].

* (with Eike-Christian Heine): "Scientific Bonanzas: Infrastructures as Places of Knowledge Production," in: *Beyond the Lab and the Field: Infrastructures as Places of Knowledge Production Since the Late Nineteenth Century*, ed. by Eike-Christian Heine and Martin Meiske [Pittsburgh: University of Pittsburgh Press, 2022], 3–20, https://doi.org/10.2307/j.ctv2fwfz3h.4

* (with Christian Zumbrägel) "Holz im Zeitalter von Kohle und Stahl. Zur Persistenz und Wandelbarkeit eines Werkstoffes in der Hochindustrialisierung," *Technikgeschichte* 88, no. 3 (2021), 251–286, https://doi.org/10.5771/0040-117X-2021-3-251

* (with Jeroen Oomen) "Proactive and Reactive Geoengineering: Engineering the Climate and the Lithosphere," *WIREs Climate Change* 12, no. 6 (2021), https://doi.org/10.1002/wcc.732

"The Road to Nowhere" (documentary short film about the construction of the Fontana Dam by the Tennessee Valley Authority and related regional conflicts) – RCC workshop Envisioning Environments – Visual Media for the Environmental Humanities, 18 July 2017.

(with Helmuth Trischler) "Die Geburt des Geoengineerings," blog post for the DFG web page *KlimaTaucher – Beiträge aus der Klima- und Meeresforschung*, 31 May 2017.

(with Jannis Götze) Die Hebamme Rousseaus. Formeys Emile Chrétien im Kontext europäischer Erziehungsdebatten des 18. Jahrhunderts, in: *Jean Henri Samuel Formey – Wissensmultiplikator der Berliner Aufklärung*, ed. by Jannis Götze and Martin Meiske, Hannover 2016, 123–140.

Jean Henri Samuel Formey als Enzyklopädist, in: *Jean Henri Samuel Formey – Wissensmultiplikator der Berliner Aufklärung*, ed. by Jannis Götze and Martin Meiske, Hannover 2016, 39–52.

(with Jannis Götze) Einleitung, in: *Jean Henri Samuel Formey – Wissensmultiplikator der Berliner Aufklärung*, ed. by Jannis Götze and Martin Meiske, Hannover 2016, 7–24.

Book Reviews

Helge Wendt, Kohlezeit. Eine Global- und Wissensgeschichte (1500–1900), *Der Anschnitt* 77, no. 4 (2025), 265–266.

Simon Große-Wilde, Werkstoff zwischen den Systemen – Eine Stoffgeschichte der Vulkanfiber im 19. und 20. Jahrhundert, *Technikgeschichte* 90.4 (2023), 344–345.

Sara B. Pritchard / Carl A. Zimring, Technology and the Environment in History, *Technikgeschichte* 88, no. 4 (2022), 415–416.

Arnošt Štanzel, Wasserträume und Wasserräume im Staatssozialismus. Ein umwelthistorischer Vergleich anhand der tschechoslowakischen und rumänischen Wasserwirtschaft 1948–1989, *Neue Politische Literatur. Berichte aus Geschichts- und Politikwissenschaft* 64 (2019), 192–194.

Lina Schröder, Der Rhein-(Maas-)Schelde-Kanal als geplante Infrastrukturzelle von 1946 bis 1986. Eine Studie zur Infrastruktur- und Netzwerk-Geschichte, *Historische Zeitschrift* 308, no. 1 (2019), 272–273.

Christoph Rauhut, Die Praxis der Baustelle um 1900. Das Zürcher Stadthaus, *Technikgeschichte* 85, no. 3 (2018), 230–231.

Carl A. Zimring, Aluminum Upcycled. Sustainable Design in Historical Perspective, *ICON: Journal of the International Committee for the History of Technology* 23 (2017), 176–178.

Eike-Christian Heine, Vom Großen Graben. Die Geschichte des Nord-Ostsee-Kanals, *Neue Politische Literatur. Berichte aus Geschichts- und Politikwissenschaft* 61, no. 1 (2016), 107–109.

Conference Reports

European Infrastructures and Transnational Protest Movements, Workshop, 12–13 December 2019, Kerschensteiner Kolleg of the Deutsches Museum, Munich, published on *Seeing the Woods – A blog by the Rachel Carson Center*, 30 January 2020.

The Multifaceted Relationship between Fear and Technology, Interdisciplinary Workshop, 10–12 October 2018, Max Planck Institute for Human Development, Berlin, published on *H-Soz-Kult*, 23 November 2018

Acquired third-party Funding (Grants & Fellowships)

- DAAD PRIME Fellowship, 9/2025 – 2/2027; 18 months "Wissenschaftlicher Mitarbeiter" at German Host Institution (Technical University Berlin); first 12 months sent abroad (Harvard University: 9/2025 – 2/2026 / University of Maryland: 3 – 8/2026) – **175.073 EUR**.
- Fulbright Fellowship, 9/2025 – 4/2026, *awarded but not accepted* – **ca. 30.000 EUR**.
- German Research Foundation – DFG Sachbeihilfe/"Eigene Stelle", 12/2021 – 1/2025, for the postdoc project: *Kulturen und Kosten der Wartung. Der Aufstieg von Kreosot und sein prekäres Erbe. [Cultures and Costs of Maintenance. The Rise of Creosote and its Precarious Legacy]* – **311.450 EUR**.

- Funding for the Workshop: "Niche Construction for Historians of the Environment, Science and Technology (NEST): Umwelt – Technik – Wissen" – Early Career Workshop organized by the ESEH environmental history network of the D-A-CH region (with Caterina Schürch and Fabian Zimmer), 6–8 November 2024: Gesellschaft für die Geschichte der Wissenschaften, der Medizin und der Technik (GWMT) – **2.000 EUR** & Gesellschaft für Technikgeschichte (gtg) – **500 EUR**.
- Postdoctoral Fellowship, German Historical Institute London, 3/2024 – **2.600 EUR**.
- German Research Foundation - DFG Sachbeihilfe, 4/2016 – 4/2019 (applicant: Prof. Dr. Helmuth Trischler; project manager: Martin Meiske): *Die Geburt des Geoengineerings. Großbauprojekte in der Frühphase des Anthropozäns* [*The Birth of Geoengineering. Large-scale Engineering Projects in the Early Stage of the Anthropocene (1850-1950)*]; co-written application; after approval: project manager with comprehensive responsibility for management and realization; project completed on schedule & positively evaluated – **172.000 EUR**.
- Doctoral Fellowship, German Historical Institute Washington DC, 4/2017 – **3.200 EUR**.
- RCC Travel Grant 2015 – **500 EUR**.
- ESEH Travel Grant 2015 – **100 EUR**.
- Funding for the Workshop *Jean Henri Samuel Formey – Wissensmultiplikator der Berliner Aufklärung*, Universität Potsdam 2013: Stiftung Preußische Seehandlung – **2.000 EUR** & Universität Potsdam, Phil.Fak., Kommission für Forschung & Nachwuchsförderung – **800 EUR**.

Service & Memberships

European Society for Environmental History (ESEH)

Treasurer and ESEH Board Member, Chair of the Grant Committee (since 2025)

Environmental History Network of the D-A-CH regions – Working Group Member (since 2023)

Coordination and network building, organization of surveys, workshops:

- 6-8 November, 2024: "Niche Construction for Historians of the Environment, Science and Technology (NEST): Umwelt – Technik – Wissen" (Early Career Researcher Workshop)
- 2-4 September 2026: "Umwelt und Ressourcen" - Early Career Scholar Workshop, Univ. of Bern

Gesellschaft für Technikgeschichte (GTG)

Programme Committee (2023-2026) - Co-organization of annual conferences with local organizers:

- 2-4 May, 2024: "Exploration Technology and Extreme Environments"
- 3-5 April, 2025: "Un:chaining – Microhistories of Multi-Local and Global Manufacturing"
- 7-9 May, 2026: "In|Visibilities: Materiality, Practice, and Representation in Energy History"

Co-design of a gender and diversity-sensitive code of conduct for presenters and moderators, in collaboration with the society's diversity working group

Working Group "Environment & Technology" (AKUT) (head of the WG since 2024, member since 2019)

coordination of an active network for envirotech scholars in the DACH region, organization of talks, workshops, reading groups, best practice exchange for teaching and more

International Committee for the History of Technology (ICOHTEC)

Member of the Executive Committee (2025-2029)

American Society for Environmental History (ASEH)

Member of the Joel A. Tarr Envirotech Prize Committee (since 2026)

Interdisziplinäres Forschungsnetzwerk Stoffgeschichte

Network building, co-organization of colloquia and publications, webmaster

Gesellschaft für die Geschichte der Wissenschaften, der Medizin und der Technik (GWMT)

Active Member

Peer-Reviews

for the German Research Foundation (DFG), the Leibniz Society Collaborative Excellence Programme, *Routledge*, and the journals *Technology and Culture*, *Cultural Science Journal*, and *Technikgeschichte*

Talks (Selection)

Dresden, TU Dresden, Kolloquium Technik- und Wirtschaftsgeschichte, 5 November 2026: Eating Dust at Night: Gender, Migration, and the Persistence of Manual Labor in London's Underground Maintenance (together with Laila Kunze)

SHOT Annual Meeting 2026 (Virtual), 22-25 October 2026: Materialities of Maintenance: The Rise of Creosote and the Contested Remediation of its Toxic Deposits

Berlin, TU Berlin, Collaborative Research Centre "Re-Figuration of Spaces" (CRC 1265), Workshop: Spaces of Route: Varieties, Similarities and Differences of Trajectorial Spaces and their Refiguration, 9 July 2026: Reusing the Route: Material Practices, Persistence, and the Governance of Railway Spaces

Kansas City, MO, Annual Conference of the American Society for Environmental History (ASEH), 25-28 March 2026: Toxic Corridors: Creosote, Railroad Maintenance, and Its Unplanned Deposits

College Park, MD, University of Maryland, College Park: Nathan & Jeanette Miller Center for Historical Studies, 11 March 2026: Cultures and Costs of Maintenance: The Rise of Creosote and its Toxic Afterlives

Berlin, Technische Universität Berlin (TUB), Fachgebiet Technikgeschichte, Forschungskolloquium Technikgeschichte, 15 December 2025: Das Toxische Erbe der Holzimprägnierung: Altlasten und Protest in den USA und Europa

Cambridge, MA, Harvard University, Department of the History of Science, Modern Sciences and Technology Working Group, 22 October 2025: Cultures and Costs of Maintenance. The Rise of Creosote and its Precarious Legacy

Uppsala, 13th Biennial European Society for Environmental History (ESEH) Conference, 18–22 August 2025: The Blue Origins of the Nuclear. Exploring Networks, Public Relations and Material Entanglements between Hydropower and Nuclear Power

Berlin Brandenburg Colloquium on Environmental History (online), 27 January 2025: Der Aufstieg von Kreosot und sein toxisches Erbe. Umwelt- und Stoffwissen in der Infrastrukturwartung und Konflikte um ihre materiellen Altlasten

Lausanne, École Polytechnique Fédérale de Lausanne (EPFL), Séminaire romand d'histoire des sciences et des techniques, 18 November 2024: Cultures and Costs of Maintenance. The Rise of Creosote and its Precarious Legacy

Berlin, Technical University of Berlin (TUB), Workshop: Climates of Waste - Intertwining Toxicity, Health, and Justice in a Climate-Changing World, 23–24 September 2024: Railway Infrastructures as Toxic Corridors: Materialities of Maintenance and their Precarious Legacy

Frankfurt (Oder), 11th Tensions of Europe Conference, 19–21 September 2024: Reconstructing Cultures and Costs of Care: From an Envirotechnical to a Material History of Maintenance

Viña del Mar, ICOHTEC – SHOT Annual Meeting, 9-14 July 2024: Cultures and Costs of Care. Towards a Diverse Material History of Railway Maintenance

London, German Historical Institute, GHIL Colloquium, 12 March 2024: Kulturen und Kosten der Wartung. Der Aufstieg von Kreosot und sein prekäres Erbe

Mexico City, Instituto de Investigaciones Históricas, UNAM, Coloquio Internacional Ciudades e Infraestructuras en Latinoamérica, 19–20 October 2023: Exploring the Earth through its Anthropogenic Scars. Geology and the Construction of the Panama Canal

Wien, Technisches Museum, 3rd Vienna Workshop on STEM Collections, Gender and Sexuality; "Diverse Infrastructures? Gender, Queer & the Foundations of Society", 6–8 September 2023: Diverse Cultures of Maintenance. Railway Infrastructures and Gender in early 20th Century Germany

Ingolstadt, Jahrestagung der Gesellschaft für die Geschichte der Wissenschaften, der Medizin und der Technik (GWMT), 13–15 September 2023: Sicherheit ist Beinarbeit. Polychrone Mobilitäten und envirotechnische Materialitäten im Bahnunterhaltungsdienst zu Beginn des 20. Jahrhunderts

Bern, 12th Biennial European Society for Environmental History (ESEH) Conference, 22–26 August 2023: Empire, Extraction, and Externalization. Wood Impregnation in Early 20th Century Bosnia and Herzegovina and its Precarious Legacy

Wuppertal, Jahrestagung der Gesellschaft für Technikgeschichte (GTG) 12–14 May 2023: Bahninfrastrukturen in Bewegung – Perspektiven aus der Stoff-, Umwelt- und Wartungsgeschichte

Consortium for History of Science, Technology and Medicine – Working Group "Engineering Studies," 18 November 2022: Beyond the Lab and the Field. Infrastructures As Places of Knowledge Production since the Late Nineteenth Century (together with Eike-Christian Heine)

Hannover, Herrenhausen Symposium, "Materiality and the History of Infrastructure," 21 July 2022: Materialities of Maintenance. An Envirotechnical Analysis of Knowledge, Labor, and Toxicity in Railway Infrastructures

Aarhus, Aarhus University, 10th Tensions of Europe Conference "Technology, Environment and Resources", 29 June–1 July 2022: How Green was the New Deal? Hydropower in the Tennessee Valley between Power, Participation and Intensification

Lugano, Università della Svizzera italiana, Laboratorio di Storia delle Alpi , Workshop: "Communication Maintenance in Longue Durée," 24/25 February 2022: The Hidden Cost of Maintenance. Reflections on the Persistence and Long-term effects of Railway Tie Impregnation for Environment and Society

Tübingen, Universität Tübingen, Kolloquium Neuere Geschichte (Lehrstuhl Prof. Ewald Frie), 7 February 2022: "Unfortunately, soils are made by nature and not by man..." – Ein umwelt- und technikgeschichtlicher Blick auf Infrastrukturen in der Frühphase des Anthropozäns

Karlsruhe, Karlsruher Institut für Technologie (KIT), "Technikgeschichte über Mittag," Online-Vortragsreihe der Gesellschaft für Technikgeschichte (GTG), 3 December 2021: Von Bahnmeistern, Streckenläufern und Rottenführern. Was heißt und zu welchem Ende studiert man Wartungsgeschichte?

Esch-sur-Alzette, University of Luxembourg, The Luxembourg Centre for Contemporary and Digital History (C²DH), Workshop: "Histories of Maintenance and Repair," 3 September 2021: Cultures and Costs of Maintenance. The Rise of Creosote and its Precarious Legacy

Bielefeld, Universität Bielefeld, Kolloquium Gesellschaft – Wissen – Umwelt (GWU), 15 June 2021: Die Geburt des Geoengineerings. Schichtarbeiter im Schatten imperialer Infrastrukturen

Milano, Annual Meeting – Society for the History of Technology (SHOT), 26 October 2019: Exploring the Earth Through its Anthropogenic Scars. Geology and the Construction of Sea Canals

Regensburg, Universität Regensburg, Professur für Wissenschaftsgeschichte (Prof. Omar W. Nasim) – Kolloquium, 3 July 2019: Schichtarbeiter im Schatten von Großbauprojekten. Meereskanäle als Orte geologischer Wissensproduktion um die Jahrhundertwende

Bochum, Jahrestagung der Gesellschaft für die Geschichte der Wissenschaften, der Medizin und der Technik (GWMT) 14 September 2018: Schichtarbeiter im Schatten imperialer Infrastrukturen. Die Geologie und der Bau des Panamakanals

Zürich, Universität Zürich / Archiv für Zeitgeschichte der ETH Zürich – Workshop "Global and transnational history, networks and violence," 30 January 2018: Exploring and Exploiting in the Shadow of Technical Infrastructures. Geology and Sea Canals in the Age of High Imperialism

München, Ludwig-Maximilians-Universität, Institut für Ethnologie – Die Amerikas-Forschungskolloquium, 16 November 2017: Schichtarbeiter im Schatten imperialer Infrastrukturen. Die Geologie und der Bau des Panamakanals

Washington, DC, German Historical Institute (GHI), GHI Colloquium, 27 April 2017: The Birth of Geoengineering. Large-Scale Engineering Projects in the Early Stage of the Anthropocene (1850–1950)

Chicago, IL, 2017 Conference of the American Society for Environmental History (ASEH), 30 March 2017: The Birth of Geoengineering. Building and Managing Infrastructures in the Early Stage of the Anthropocene

Porto, University of Porto – 43rd Annual Meeting of the International Committee for the History of Technology (ICOHTEC), 27 July 2016: The Birth of Geoengineering. Large-scale-engineering projects in the early stage of the Anthropocene (1850-1950)

Madrid, Universidad Autónoma de Madrid – Workshop "Global Traffic: Production and Circulation of Knowledge and Ideas across Borders", 24.6.2016: Sea Canals as Laboratories of the Anthropocene.

Beijing, Renmin University of China, Center for Ecological History – Workshop "Transformations of the Earth," 22 May 2016: The Birth of Geoengineering: Large-Scale Engineering Projects as Laboratories of the Anthropocene

Schönwag, Ludwig-Maximilians-Universität München, Amerika-Institut, Oberseminar "History – Culture – Environment", 30 April 2016: Sea Canals and Invasive Species. Biotic Interchange in the Early Stage of the Anthropocene

Versailles, Université de Versailles Saint-Quentin-en-Yvelines – 8th Conference of the European Society for Environmental History (ESEH), 3 July 2015: Poster Presentation, The Birth of Geoengineering. Large-scale-engineering projects in the early stage of the Anthropocene (1850-1950)

Teaching

Fall 2026/27 ***The Great Acceleration: From the Postwar Economic Boom to the Environmental Crises of the Present***
TECHNICAL UNIVERSITY OF DRESDEN (TUD) ***(Lecture - BA/MA)***

Fall 2026/27 ***Repairing, Tuning, Hacking: Appropriating Technology in Transregional Perspective***
TECHNICAL UNIVERSITY OF DRESDEN (TUD) ***(MA)***

Fall 2026/27 ***The Technological, Economic, and Environmental History of the GDR: Rise, Rupture, and Transformation of East German Industrial Regions***
TECHNICAL UNIVERSITY OF DRESDEN (TUD) ***(BA/MA)***
Field Trip Seminar, co-taught with Prof. Dr. Heike Weber, Technical University of Berlin

Fall 2026/27 ***New Research in the History of Technology and Economic History (Research Colloquium)***
TECHNICAL UNIVERSITY OF DRESDEN (TUD)

Spring 2025 ***"Hail the Maintainers." A Global Historical Exploration of Maintenance and Repair Cultures from the Era of High Imperialism to the Silicon Age (BA/MA)***
KARLSRUHE INSTITUTE OF TECHNOLOGY (KIT), KARLSRUHE

Spring 2024 ***Global Envirotech Histories. Knowledge and Artifacts in Motion (Montagskolloquium)***
DEUTSCHES MUSEUM, MUNICH
organized with Dr. Fabienne Will & Prof. Dr. Roland Wenzlhuemer

Spring 2024 ***Infrastructure Studies. Interdisciplinary Introduction to a Key Issue in the History of Technology, the Environment and Science (BA/MA)***
KARLSRUHE INSTITUTE OF TECHNOLOGY (KIT), KARLSRUHE

Fall 2023/24 ***Stoffgeschichte – The Materiality of Science and Technology (Montagskolloquium)***
DEUTSCHES MUSEUM, MUNICH
organized with Prof. Dr. Helmuth Trischler

Spring 2023 ***The Anthropocene. Environment, Society and Technology on a human-made Earth (BA/MA)***
KARLSRUHE INSTITUTE OF TECHNOLOGY (KIT), KARLSRUHE

Spring 2022 ***"Environmental Justice Now!" – The Concept of Environmental Justice from its Beginnings to the Climate Crisis (BA/MA)***
KARLSRUHE INSTITUTE OF TECHNOLOGY (KIT), KARLSRUHE / UNIVERSITY OF ARIZONA, USA

Spring 2021 ***Green Germany? Environment and Society from the Enlightenment to Fridays for Future (BA)***
WAYNE STATE UNIVERSITY, USA / LUDWIG-MAXIMILIANS-UNIVERSITY, MUNICH
together with Dr. Katrin Kleemann

Spring 2020 ***Green Germany? Environment and Society from the Enlightenment to Fridays for Future (BA)***
WAYNE STATE UNIVERSITY, USA / LUDWIG-MAXIMILIANS-UNIVERSITY, MUNICH
together with Dr. Katrin Kleemann

Organized Workshops & Panels

Panel: Nuclearised Waterbodies: Following Protagonists Building Nuclear Landscapes on Four Continents (organized with Achim Klüppelberg), Uppsala, 13th Biennial European Society for Environmental History (ESEH) Conference, 18–22 August 2025

Workshop: Niche Construction for Historians of the Environment, Science and Technology (NEST): Umwelt – Technik – Wissen; Early Career Workshop organized by the ESEH environmental history network of the D-A-CH region (with Caterina Schürch, Robert Groß, Fabian Zimmer, Sarah Hijmans, Katharina Scharf, and Christian Zumbrägel), 6–8 November 2024

Panel: Maintenance and Repair Studies: Exploring Change and Persistence in the History of Technology (organized with David Drengk), Frankfurt/Oder, 11th Tensions of Europe Conf. in Frankfurt/Oder, 19–21 September 2024

Panel: Economic strategies and their environmental impact in the Northern Dinaric Alps in the 19th and 20th centuries (organized with Meta Remec, Ivan Brlić, and Željko Oset), Bern, 12th Biennial European Society for Environmental History (ESEH) Conference, 22–26 August 2023

Panel: White Coal Revisited. The Promises of Participation and Clean Energy from High Modernity to the Age of Climate Crisis (organized with Annina Boogen, Sibylle Lustenberger and Fabian Zimmer), Aarhus, Aarhus University, 10th Tensions of Europe Conference "Technology, Environment and Resources," 29 June–1 July 2022

Panel: Scientific Bonanzas – Infrastructures as boundary places of environmental knowledge production (with Eike-Christian Heine, TU Braunschweig), 10th Biennial European Society for Environmental History (ESEH) Conference "Boundaries in/of Environmental History", Tallinn, Estonia, 21–25 August 2019

Panel: Scientific Bonanzas – Infrastrukturen als Orte der Produktion von Umweltwissen, with Eike-Christian Heine (TU Braunschweig), Jahrestagung der Gesellschaft für die Geschichte der Wissenschaften, der Medizin und der Technik (GWMT) 2018, Bochum, 14 September 2018

Workshop: Scientific Bonanzas – Infrastructures as Places of Knowledge Production, with Eike-Christian Heine (TU Braunschweig), Deutsches Museum, München 15–16 September 2017

Panel: Inside Infrastructure: Altered Landscapes and Engineered Environments, with Felix Mauch (TU Munich) – Chicago, IL, 2017 Conference of the American Society for Environmental History (ASEH), 30 March 2017

Workshop: Locating and Reorganizing Global Spheres. Scientific Experts, the Natural Environment and Transcontinental Fieldwork, with Robert-Jan Wille (LMU), Rachel Carson Center, München, 22 March 2017

Workshop: Jean Henri Samuel Formey – Wissensmultiplikator der Berliner Aufklärung, with Jannis Götze (Universität Potsdam), Universität Potsdam, Historisches Institut, 20–21 September 2013

Expert Interviews & Moderation

BR radioWissen: Staudämme – Mauern für das Wasser, broadcasted 23 November 2023 [Expert interview]

Klima echt gerecht. Wie gelingt eine breite Beteiligung auf dem Weg zu Münchens Klimaneutralität 2035? – Discussion as part of the Klimaherbst with members of the Munich Climate Council, representatives of several migrant organizations and interested citizens in the Munich City Museum, 30 October 2023. [Keynote: Environmental and climate justice. A short history of two closely intertwined concepts and 5 impulses for our urban society]

Klima. Gerecht. Machen. – A participatory project on climate justice for young people with a migration background. Organized by Mikado UMdieWELT & Green City e.V., 20 June 2023 [Speaker for the workshop session: Introduction to the concepts & history of environmental justice & climate justice]

Greening the Balkans # 3 – 21/22 October 2022 (Topic: Networking Event for Environmental (Justice) Activists from the Balkans & Munich; Performance Art, & Dialogue with Urban Society) [Organization, Workshop Coordination & Moderation]

Greening the Balkans #2 – 23 July 2022 (Topic: Air Pollution) – Air Particle Sensor Workshop + Film Screening & Discussion [Organization, Workshop Coordination & Moderation]

Greening the Balkans #1 – 28 May 2022 (Topic: Rivers & Hydropower) – Film Screening & Discussion [Organization & Moderation]

Green Visions – "Toxic Beauty", Film Screening & Discussion, 17 December 2020, [Moderation]
Green Visions – "Erde", Film Screening & Discussion, 14 May 2020, [Expert] (canceled due to Covid19)

Münchner Klimaherbst – "Auto adé" & "Der wahre Preis der Elektroautos", Film Screening & Discussion, 14 October 2019 [Moderation]

Münchner Klimaherbst – "Biking Boom: Das Fahrrad als Lebensstil" & "Protestkultur auf Rädern" – Film Screening & Discussion, 21 October 2019 [Moderation]

DOK.fest – "Anthropocene – The Human Epoch", Film Screening & Discussion, 9 May 2019 [Expert]

Umwelt-Referat der TUM – "Water Makes Money", Film Screening & Discussion, 17 May 2017 [Moderation, together with Saskia Brill (RCC)]

Voluntary Work

balkaNet. e.V.: member (since 2022) [Munich Southeastern Europe forum for culture, art, & science]

Junge Europäische Bewegung Berlin-Brandenburg e.V. (JEB; now JEF BB): member (2008–2016), board member (2009–2011), deputy chairman (2010), chairman (2011) [European political education events for pupils and students]

Europa Union Berlin e.V.: member (2008–2016), board member (2010–2011)

Working Languages

German, English, Serbo-Croatian, French, Latin

Last Updated: 27 November 2026