

Niels ten Oever, PhD

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Research Profile

I study the politics of transnational communication infrastructures, from telegraphy and the internet to submarine cables, 5G, and satellite networks, working both inside and outside the institutions that govern them. Long-term participation at the IETF, ICANN, and 3GPP, combined with computational analysis and archival work, lets me trace how standards, sanctions, and industrial policy materially shape who gets connected, on what terms, and to whose benefit.

Achievements at a Glance

- **Research output:**
 - 1 research monograph under review
 - 12 peer-reviewed journal articles
 - 14 peer-reviewed book chapters
 - 5 RFCs (Internet standards documents)
 - 8 reports
- **Fundraising:** €3M+ research funding raised
- **Academic leadership:** Co-PI of the critical infrastructure lab; Coordinator of the Politics Track in European Studies (UvA); Coordinator of the ARTES Digital Networks, Communications and Technologies Cluster; Co-lead of the ACES Tech, Power and Policy Theme Group; and former Vice-Chair of Giganet
- **Policy and technical leadership:** Long-standing leadership roles in Internet governance and standards development, including co-chairing IRTF research groups, leadership positions in ICANN accountability processes, authorship of Internet standards (RFCs), and advisory roles for governments, standards bodies, and public-interest technology organisations.
- **Public visibility:** Research featured in the New York Times, Financial Times, Washington Post, Wired, and NRC

Work Experience

[University of Amsterdam](#)

Assistant Professor
April 2023 - Present

- Assistant Professor of AI and European Democracies
- Research focus on infrastructural ideologies in communication networks the European Union, Russia, China
- Teaching in field of governance, history, politics, and philosophy of technology in Europe and beyond
- Coordinator of the Politics track of the European Studies BA
- Supervising BA and MA theses (average of 8 per year)
- Advisory Board member of [Amsterdam School for Regional, Transnational and European Studies \(ARTES\)](#)
- Coordinator ARTES [cluster digital networks, communications, and technologies](#)
- Co-lead [Amsterdam Center for European Studies](#) (ACES) theme group on Tech, Power, and Policy

[critical infrastructure lab](#)

Co-Principal Investigator
January 2022 - Present

- Co-PI of the [critical infrastructure lab](#), lead of the geopolitics track
- Establishing and fundraising the lab together with Fieke Jansen and Peter 'Maxigas' Dunajcsik
- Overseeing a total of seven people working the lab, and the wider collaboration with fellows and the academic and organizational board
- Chairing bi-weekly international reading group on infrastructure
- Organizing the biannual summerschool in Perast, Montenegro
- Overseeing the publication of the lab report series

- Organizing a range of panels, summer schools, and workshops
 - Technical implementation of innovative computing experiments (experimental 5G network, organic data center, infrastructure walks)
- [Fundação Getúlio Vargas](#)
Associated Scholar
September 2019 – present
Visiting Professor
December 2022
- Researching the potential impact of the development and implementation of 5G on human rights with a specific focus on Brazil and South Africa
 - Contributor to the [cyberBRICS project](#)
 - Lecturer in field of Technology and Geopolitics
- [Simon Fraser University](#)
Affiliated Faculty
October 2020 – December 2023
- Affiliated faculty with the Digital Democracies Institute
 - Contributor to the Cyberwar Topologies project
 - Member of the Critical Infrastructures study group under the lead of Dr. Svitlana Matviyenko
- [European University Viadrina](#)
Research Fellow
September 2019 – December 2023
- Research fellow with the Centre for Internet and Human Rights with a specific focus on the politics, inscription, and subversion of norms and values in digital information architectures
- [Center for Democracy and Technology](#)
Non-Resident Fellow
2021- 2023
- Collaborate with the CTO of CDT on mainstreaming [inclusive language in standards bodies](#)
 - Participate in [podcasts](#)
- [University of Amsterdam](#)
Postdoctoral Researcher
December 2020 – March 2023
- Researcher with the NWO-funded IN-SIGHT.it project on the topic of citizenship and standard-setting in digital networks – with a particular focus on co-designing for public values in standards-making and governance of 5G networks
 - Contributor and coordinator [BigBang](#) quantitative analysis software package for network, statistical, and discourse analysis
 - Organizer of several workshops with municipal and national government on communication infrastructure policies
- [Technische Universität Berlin](#)
Visiting Scholar
September 2022
- Visiting researcher with the Collaborative Research Center “Re-Figuration of Spaces” (CRC 1265)
 - Collaborative research into datastreams in the city by organizing infrastructure walks, focusing on sensors, antenna’s and other telecommunications and internet infrastructure
- [Texas A&M University](#)
Postdoctoral Research Fellow
March 2020 – March 2021
- Postdoc with prof. dr. Sandra Braman on the evolution of global telecommunications regimes, with a specific attention to the 3GPP and the development of 5G
- [Polis180](#)
Residency
November – December 2020
- Three week residency with artists, scientists, and practitioners to co-design Data Policy and Cross-sector Collaborations in the EU.
 - The resulting white paper serves as input for the German Federal Foreign Office.
- [University of Amsterdam](#)
PhD Candidate
October 2015 – October 2020
- PhD dissertation: ‘[Wired Norms: inscription, resistance, and subversion in the governance of the Internet infrastructure](#)’.
 - PhD defense October 28th 2020
 - PhD candidate in the DATACTIVE Research Group at the Media Studies and the Political Science departments at the University of Amsterdam.
 - Research focuses on the evolution of the notion of public interest in the Internet architecture and its governance using quantitative and qualitative methods
- [ARTICLE 19](#)
Head of Digital
January 2014 –
- Directed global digital rights strategy.
 - Led a six-person international team.
 - Represented ARTICLE 19 in ICANN, IETF, IGF, ITU, and

January 2018

NETmundial.

- Co-founded and chaired multiple initiatives on human rights and internet standards.

[Internet Protection Lab](#)

Coordinator
November 2012 –
October 2013

- Establishing a network organization with eight relevant actors in the 'IT for Human Rights and Development' field
- Managing the implementation of Publeaks - an [anonymous whistleblowing platform](#) for 10+ Dutch media outlets
- Organizing integrated security trainings in digital, physical and psychosocial security in Ethiopia, Bahrain and Russia
- Developing a crowd contribution platform for software supporting the free, open and unfiltered web

[Free Press Unlimited](#)

Programme Coordinator
MENA & ICT
February 2011 -
October 2013

- Managing the development of the [Storymaker app](#) for Android
- Overseeing the implementation of the app and training of 600 journalist and citizen reporters in Morocco, Tunisia, Egypt and Iraq. With spin offs in Zimbabwe and Libya
- Envisaging the app, writing the proposal, raising the necessary funds for a five year project

[Press Now / Free Press Unlimited](#)

Programme Coordinator
Horn of Africa
May 2009 -
February 2012

- Developing, fundraising and implementing strategy and projects for Ethiopia, Eritrea and Somalia
- Establishing Somalia office in Hargeisa, Somaliland and network of 15 Somali media outlets
- Training professional and citizen journalists in Ethiopia, Somalia, Eritrea and Afghanistan and Egypt in journalism and digital security
- Migrating Free Press Unlimited from a Windows environment to a Linux environment with improved digital security features

[Mediation Foundation](#)

Director
May 2007 -
April 2009

- Establishing Ethiopia's first community radio station in Jimma
- Designing community radio guides in Amharic, Afaan Oromo and English
- Developing a localized Linux environment for community radio stations in Ethiopia
- Training the journalism staff, board of directors, volunteers and technician of the radio station

Education and Training

2026

- Professional Development for Assistant Professors in the Humanities – University of Amsterdam

2023 – 2025

- University Teaching Qualification (UTQ/BKO) – University of Amsterdam

2024

- PhD Superb Supervision course – Mennen Consulting
- PhD, University of Amsterdam (defended 28 October 2020)
Wired Norms: Inscription, Resistance, and Subversion in the Governance of the Internet Infrastructure.

2015 – 2020

Supervisors: Prof. Stefania Milan and Prof. Marlies Glasius.
DATACTIVE Research Group, departments of Media Studies and Political Science. Honourable mention, AoIR PhD thesis award.

2004 - 2006

- Research MA Philosophy – University of Amsterdam (cum laude)

2002 - 2004

- BA Philosophy – University of Amsterdam, Humboldt University zu Berlin

2001 - 2002

- Diploma (propedeuse) in journalism – Hogeschool Windesheim in Zwolle

Teaching

2026 - 2027

- Research Design for PhD Students (intensive)

2026 - 2027

- European Technology Policy since 1975: AI, Starlink, and 5G, BA elective course, 6 EC

2026 - 2027

- Building a Digital Europe, MA elective course, 6 EC

2025 – 2026

- Embedded Research Project on Submarine Cables, MA elective course, 6 EC

2025 - 2026	<ul style="list-style-type: none"> European Technology Policy since 1975: AI, Starlink, and 5G, BA elective course, 6 EC
2025 - 2026 2024 - 2025	<ul style="list-style-type: none"> Building a Digital Europe, MA elective course, 6 EC European Technology Policy since 1975: AI, Starlink, and 5G, BA elective course, 6 EC
2024 - 2025	<ul style="list-style-type: none"> Multilevel Politics in the European Union, BA compulsory course, 12 EC
2024 - 2025 2023 - 2024	<ul style="list-style-type: none"> Building a Digital Europe, MA elective course, 6 EC Diploma en Gobernanza de Internet, post graduate course, Centro de Estudios en Tecnología y Sociedad (CETyS) de la Universidad de San Andrés
2023 - 2024	<ul style="list-style-type: none"> European Integration and Democracy, BA compulsory course, 6 EC
2023 - 2024	<ul style="list-style-type: none"> Technology Policy in Europe after 1975: Space, Telecommunications, and the Internet, BA elective course, 6 EC
2023 - 2024 2023 - 2024	<ul style="list-style-type: none"> Building a Digital Europe, MA elective course, 6 EC Democracy in the European Union. MA elective course, University of Amsterdam, 6 EC
2022 - 2023	<ul style="list-style-type: none"> Philosophy of the Humanities 2: European Studies. BA compulsory course, 6 EC
2022 - 2023	<ul style="list-style-type: none"> Democracy in the European Union. MA elective course, University of Amsterdam, 6 EC
2022 - 2023	<ul style="list-style-type: none"> Digital Activism Course, MA elective course, University of Amsterdam, 12 EC
2023 2022	<ul style="list-style-type: none"> Diplomatura Gobernanza de Internet, Universidad de San Andrés Data Futures Lab on Digital Urban Futures, 200-level "intensive" Social Sciences course designed and taught at Amsterdam University College
2022	<ul style="list-style-type: none"> Research Skills Methodology Tutorial, Amsterdam School of Cultural Analysis, University of Amsterdam
2020	<ul style="list-style-type: none"> Networks and Protocols - European Summer School on Internet Governance - Meissen, Germany
2016 2016	<ul style="list-style-type: none"> Digital Methods Winter School - University of Amsterdam European Summer School on Internet Governance - Meissen, Germany
2007 - 2013	<ul style="list-style-type: none"> Introduction to journalism - Egypt, Tunisia, Ethiopia, Somalia, Morocco, Iraq, Afghanistan
2012 - 2013	<ul style="list-style-type: none"> Introduction to Digital Security for Human Right Defenders and Journalists - Ethiopia, Netherlands, Somalia
2011 - 2013	<ul style="list-style-type: none"> Mobile Content Production & Digital security - Egypt, Tunisia, Ethiopia, Somalia, Morocco, Iraq
2007 - 2011	<ul style="list-style-type: none"> Radio journalism - Ethiopia, Somalia, Afghanistan
PhD Supervision	<ul style="list-style-type: none"> Eric Syi Zhang (University of Amsterdam, 2024 - present) Laura Gazda (Virginia Tech, 2024 - present)
PhD Committee	<ul style="list-style-type: none"> Anneroos Planqué-van Hardeveld (University of Amsterdam, 2025)
Software & Hardware	<ul style="list-style-type: none"> BigBang: Python-based tool for statistical, network, and discourse analysis of internet governance communities http://dataactive.github.io/bigbang/ https://doi.org/10.5281/zenodo.5243261 Refugee Hotspot: Raspberry Pi based wireless router providing Internet access, aimed at refugee and migrant populations Ononymous: Gamified interactive digital security tutorial Publeaks: anonymous whistleblowing site for 10+ Dutch media https://publeaks.nl/ Storymaker: an open source Android app that enables (citizen)

journalists to create better stories and share them securely on their mobile telephones

- [Internet Legislation Atlas](#): Mapping legal documents affecting internet infrastructure
- [Protestos.org](#): Making digital security easily accessible for protesters during the World cup in Brazil

Publications

Books

- ten Oever, Niels. Infrastructure Politics: Connection, Coordination, and Control in Communication Networks. Under review, MIT Press.
- Uhlig, Ulrike, Mallory Knodel, Corinne Cath, and Niels ten Oever. 2020. [How the Internet Really Works: An Illustrated Guide to Protocols, Privacy, Censorship, and Governance](#). San Francisco: No Starch Press.

Peer Reviewed Journal Articles

- Jansen, Fieke, Maxigas, and Niels ten Oever. 2026. "From Critique to Hope: Infrawalking, Defamiliarisation, Transgressive Infrastructuring and Utopian Engineering." *Convergence*, April 13. <https://doi.org/10.1177/13548565261441756>.
- Jansen, Fieke, Niels ten Oever, Sarah Vorndran, and Maxigas. 2026. "Infrastructural Anxiety and Digital Sovereignty: The Perceived Loss of Control in Dutch Communication Networks." *First Monday*, ahead of print, February 27. <https://doi.org/10.5210/fm.v31i3.14530>.
- ten Oever, Niels, and Christoph Becker. 2025. "Infrastructural Insecurity: Geopolitics in the Standardization of Telecommunications Networks." *Media International Australia* 194 (1): 131–47. <https://doi.org/10.1177/1329878X231225748>.
- ten Oever, Niels, Clement Perarnaud, John Kristoff, Moritz Müller, Arturo Filastò, Max Resing, and Chris Kanich. 2024. "Sanctions and Infrastructural Ideologies: Assessing the Material Shaping of EU Digital Sovereignty in Response to the War in Ukraine." *Policy & Internet*, 1–19. <https://doi.org/10.1002/poi3.422>.
- Becker, Christoph, Niels ten Oever, and Riccardo Nanni. 2024. "Interrogating the Standardisation of Surveillance in 5G amid US–China Competition." *Information, Communication & Society*, 1–18. <https://doi.org/10.1080/1369118X.2024.2302991>.
- Maxigas, and Niels ten Oever. 2023. "Geopolitics in the Infrastructural Ideology of 5G." *Global Media and China*, August, 20594364231193950. <https://doi.org/10.1177/20594364231193950>.
- ten Oever, Niels. 2022. "5G and the Notion of Network Ideology, or: The Limitations of Sociotechnical Imaginaries." *Telecommunications Policy*. <https://doi.org/10.1016/j.telpol.2022.102442>.
- ten Oever, Niels, and Stefania Milan. 2022. "The Making of International Communication Standards: Towards a Theory of Power in Standardization." *Journal of Standardisation* 1 (1).
- ten Oever, Niels. 2021. "Norm conflict in the governance of transnational and distributed infrastructures: the case of Internet routing." *Globalizations*. <https://doi.org/10.1080/14747731.2021.1953221>.
- ten Oever, Niels. 2021. "'This is not how we imagined it':

Technological Affordances, Economic Drivers and the Internet Architecture Imaginary." *New Media & Society*.

<https://doi.org/10.1177/1461444820929320>.

- ten Oever, Niels. 2018. "Productive Contestation, Civil Society, and Global Governance: Human Rights as a Boundary Object in ICANN." *Policy & Internet*. <https://doi.org/10.1002/poi3.172>.
- Milan, Stefania, and Niels ten Oever. 2017. "Coding and Encoding Rights in Internet Infrastructure: Sociotechnical Imaginaries and Grassroots Ordering in Internet Governance." *Internet Policy Review* 6 (1). <https://doi.org/10.14763/2017.1.442>.

Peer Reviewed Conference Papers

- Kristoff, John, Moritz Müller, Arturo Filastò, Max Resing, Chris Kanich, and Niels ten Oever. 2024. "Internet Sanctions on Russian Media: Actions and Effects." In *Free and Open Communications on the Internet 2024*, 1:1-12. <https://www.petsymposium.org/foci/2024/foci-2024-0001.php>.
- ten Oever, Niels. 2023. "Distinguishing Infrastructural Ideologies in the EU, China, Russia and the United States." Honolulu: Society for Social Studies of Science (4S).
- ten Oever, Niels, and Christoph Becker. 2023. "Infrastructural Insecurity: Geopolitics in the Standardization of Telecommunications Networks." Philadelphia: Association of Internet Researchers (AOIR).
- Becker, Christoph, Niels ten Oever, and Riccardo Nanni. 2022. "The standardisation of lawful interception technologies in the 3GPP: interrogating 5G and surveillance amid US-China competition." Washington, DC: TPRC2022.
- ten Oever, Niels. 2021. "5G and the Notion of Network Ideology, or: The Limitations of Sociotechnical Imaginaries." In *Giganet Annual Symposium 2021 Proceedings*. Katowice: Giganet, Internet Governance Forum.
- Dunajcsik, Peter "Maxigas," and Niels ten Oever. 2021. "Geopolitics in the Infrastructural Ideologies of 5G." *AoIR Selected Papers of Internet Research, AOIR2021*. <https://doi.org/10.5210/spir.v2021i0.12163>.
- ten Oever, Niels. 2021. "The Quantum State of Infrastructure Reconfiguration in 5G." In *Selected Papers in Internet Research 2021: Research from the Annual Conference of the Association of Internet Researchers*. AOIR 2021. <https://doi.org/10.5210/spir.v2021i0.12056>.

Book Chapters

- ten Oever, Niels. 2026. "The Internet Infrastructure Has Never Been Open." In *The Politics of Open Infrastructures*, edited by K. Mayer, A. Mager, and R. Ridgway, 6:65-78. Open Book Publishers. <https://doi.org/10.11647/OBP.0528>.
- Jansen, Fieke, and Niels ten Oever. 2026. "More Compute for a Burning Planet? A Scarcity Approach to AI Infrastructures." In *AI Infrastructures and Sustainability: Expanding Perspectives on Automation, Communication and Media*, edited by Anne Mollen, Fieke Jansen, Sigrid Kannengießer, and Julia Velkova. Springer Nature Switzerland. https://doi.org/10.1007/978-3-032-09748-4_15.
- ten Oever, Niels, and Maxigas. 2026. "Infrastructural Ideologies." In *Imagining the Internet(s)*, edited by Nathalie Fridzema and

Anya Shchetvina. Institute for Network Cultures.
https://networkcultures.org/wp-content/uploads/2026/06/ImaginingtheInternets_INC2026_NetworkNotions.pdf.

- ten Oever, Niels. 2025. "Infrastructural Futures: Transparency, Disconnectivity, and Transgressive Infrastructuring." In *Critical Internet Governance: From Positions to a Field*, 79. https://www.criticalinfralab.net/wp-content/uploads/2025/06/CIIQ_11.pdf.
- Maxigas, Fieke Jansen, Niels ten Oever, and Fernanda R. Rosa. 2025. "Critical Internet Governance: An Invitation." In *Critical Internet Governance: From Positions to a Field*, 2. https://www.criticalinfralab.net/wp-content/uploads/2025/06/CIIQ_11.pdf.
- ten Oever, Niels, and Maxigas. 2023. "Standing out: critical infrastructure walks in Amsterdam." In [Eaten by the Internet](#)
- ten Oever, Niels. 2022. "5G, Community Networks, Standardization, and the Human Rights to Science and Technological Self Determination." In [Community Networks as Enablers of Human Rights](#), edited by Luca Belli and Senka Hadzic, 49-56. Addis Ababa, Ethiopia: FGV Direito Rio.
- Hadzic, Senka, Luca Belli, Niels ten Oever, Raquel Rennó, Erik Huerta, Carlos Baca, Karla Velasco, and Lee W. McKnight. 2022. "[Community Networks as Human Rights Enablers](#)." In *Community Networks as Enablers of Human Rights*, edited by Luca Belli and Senka Hadzic, 25-48. Addis Ababa, Ethiopia: FGV Direito Rio.
- ten Oever, Niels. 2021. "[The metagovernance of internet governance](#)." In *Power and Authority in Internet Governance: Return of the State?*, edited by Blayne Haggart, Natasha Tusikov, and Jan Aart Scholte. Routledge Global Cooperation Series.
- ten Oever, Niels. 2021. "Covid-19 and the stripping of power from the edges." In [Covid-19 from the Margins](#), edited by Stefania Milan, Emiliano Treré, and Silvia Masiero. Institute for Network Cultures.
- ten Oever, Niels, Davide Beraldo, and Stefania Milan. 2020. "[Studying Discourse in Internet Governance through Mailing-List Analysis](#)." In *Researching Internet Governance*, edited by D. Cogburn, L. DeNardis, N. Levinson, and F. Musiani. Cambridge, MA: MIT Press.
- ten Oever, Niels. 2020. [Cybernetica, dataficatie en surveillance in de polder](#) in: Ni Dieu, Ni Maitre. Festschrift for Ruud Kaulingfreks. Waardenwerk, Journal for Humanistic Studies, SWP. Pages 44-46.
- Frank Jørgensen, Rikke, Cathrine Bloch Veiberg, and Niels ten Oever. 2020. "[Information and communication technologies \(ICT\): Exploring the human rights impact of the ICT sector](#)." In [Handbook on Human Rights Impact Assessment](#), edited by Nora Götzmann. Edward Elgar Publishing.
- ten Oever, Niels., and Davide Beraldo. 2018. Routes to rights: internet architecture and values in times of ossification and commercialization. XRDS: Crossroads, The ACM Magazine for Students – Pseudonymity and Anonymity Volume 24 Issue 4, Summer 2018 Pages 28-31. <https://doi.org/10.1145/3220561>

Reports

- Jansen, Fieke, Niels ten Oever, Dmitry Kuznetsov, Valentina Ochner, and Jane Ruffino. 2026. Building a Shared Research

Agenda on Submarine Cables. critical infrastructure lab.
<https://doi.org/10.5281/zenodo.19368835>.

- Ferreira Gomes, Alexandre, Maaike Okano-Heijmans, Niels ten Oever, Miriam Sanaito, and Susann Lüdtkke. 2025. Standardisation with Chinese Characteristics: The Missing Pillar in Rebooting Europe's Industrial Policy. China Knowledge Network and Clingendael. https://www.criticalinfralab.net/wp-content/uploads/2025/07/Standardisation_with_Chinese_Characteristics.pdf.
- Driessen, M., M. van de Koppel, D. Hollander, Stefania Milan, Jeroen de Vos, and Niels ten Oever. 2024. Public Values Concerning Digital Technologies. Amsterdam: IN-SIGHT.it and I&O Research. https://openresearch.amsterdam/image/2024/4/4/in_sight_public_values_report_en.pdf.
- Driessen, M., M. van de Koppel, D. Hollander, Stefania Milan, Jeroen de Vos, and Niels ten Oever. 2024. Publieke waarden rondom digitale technologieën. Amsterdam: IN-SIGHT.it and I&O Research. <https://www.ipsos-publiek.nl/wp-content/uploads/2024/02/in-sight-report-nl-digital.pdf>.
- Jansen, Fieke, Niels ten Oever, Maxigas, et al. 2023. Building a Relational Infrastructure: The Launch of the critical infrastructure lab. critical infrastructure lab. <https://criticalinfralab.net/wp-content/uploads/2023/06/infralab-launch-report-with-programme.pdf>
- Brand, Paul, Niels ten Oever, Rudolf van der Berg, and Jelle Verweij. 2022. Internetinfrastructuur: Standaardisatie, techniek en geopolitiek. Telecommunication Authority, Dutch National Government. <https://www.rdi.nl/site/binaries/site-content/collections/document/en/2022/12/7/standaarden-vrij-en-open-internet/Stratix+eindrapport+standaardisatie.pdf>
- ten Oever, Niels. 2021. Human Rights Are Not a Bug: Upgrading Governance for an Equitable Internet. Ford Foundation. <https://www.fordfoundation.org/wp-content/uploads/2021/08/humanrights-tenoever-a11y.pdf>
- ten Oever, Niels. 2020. "The Internet infrastructure and its governance." In Gesellschaftliche Technikgestaltung: Orientierung durch eine Metaperspektive auf Schlüsselemente, edited by Karoline Krenn and Jens Tiemann. Fraunhofer Fokus. <https://www.oeffentliche-it.de/publikationen/gesellschaftliche-technikgestaltung-orientierung-durch-eine-metaperspektive-auf-schluesselemente/Gesellschaftliche%20Technikgestaltung%20-%20Orientierung%20durch%20eine%20Metaperspektive%20auf%20Schl%3bc3%bcselemente.pdf>
- The IEEE Global Initiative on Ethics of Autonomous and Intelligent Systems. 2018. Ethically Aligned Design. IEEE. https://standards.ieee.org/wp-content/uploads/import/documents/other/ead_v2.pdf
- Cath, Corinne, Niels ten Oever, and Dan O'Maley. 2017. Media Development in the Digital Age: Five Ways to Engage in Internet Governance. National Endowment for Democracy and Centre for International Media Assistance. https://www.cima.ned.org/wp-content/uploads/2017/03/CIMA-Internet-Governance_150ppi-for-web_REV.pdf

Technical Standards / RFCs

- Grover, Gurshabad, and Niels ten Oever. 2024. Guidelines for Human Rights Protocol and Architecture Considerations. Request for Comments RFC 9620. Internet Research Task Force (IRTF stream). <https://doi.org/10.17487/RFC9620>.
- ten Oever, Niels, and Greg Wood. 2024. Retiring the Tao of the IETF. Request for Comments RFC 9592. Internet Engineering Task Force (IETF stream). <https://doi.org/10.17487/RFC9592>.
- ten Oever, Niels, Corinne Cath, Mirja Kühlewind, and Colin Perkins. 2022. Report from the IAB Workshop on Analyzing IETF Data (AID). Request for Comments RFC 9307. Internet Architecture Board (IAB stream). <https://doi.org/10.17487/RFC9307>.
- Grover, Gurshabad, Niels ten Oever, Corinne Cath, and Shivan Kaul Sahib. 2021. Establishing the Protocol Police. Request for Comments RFC 8962. Independent Submission stream. <https://doi.org/10.17487/RFC8962>. (1 April RFC.)
- ten Oever, Niels, and Corinne Cath. 2017. Research into Human Rights Protocol Considerations. Request for Comments RFC 8280. Internet Research Task Force (IRTF stream). <https://doi.org/10.17487/RFC8280>.

Internet-Drafts

- ten Oever, Niels, Stéphane Couture, and Mallory Knodel. 2023. Internet Protocols and the Human Rights to Freedom of Association and Assembly. Internet-Draft draft-irtf-hrpc-association-13 (expired). Internet Research Task Force (IRTF stream), Human Rights Protocol Considerations Research Group. <https://datatracker.ietf.org/doc/draft-irtf-hrpc-association/>.
- Knodel, Mallory, and Niels ten Oever. 2023. Terminology, Power, and Inclusive Language in Internet-Drafts and RFCs. Internet-Draft draft-knodel-terminology-14 (expired). Internet Engineering Task Force (individual submission). <https://datatracker.ietf.org/doc/draft-knodel-terminology/>.
- ten Oever, Niels. 2019. Notes on networking standards and politics. Internet-Draft draft-irtf-hrpc-political-07 (expired). Internet Research Task Force (IRTF stream), Human Rights Protocol Considerations Research Group. <https://datatracker.ietf.org/doc/draft-irtf-hrpc-political/>.
- Arkko, Jari, Brian Trammell, Mark Nottingham, Christian Huitema, Martin Thomson, Jeff Tantsura, and Niels ten Oever. 2019. Considerations on Internet Consolidation and the Internet Architecture. Internet-Draft draft-arkko-iab-internet-consolidation-02 (expired). Internet Engineering Task Force (individual submission). <https://datatracker.ietf.org/doc/draft-arkko-iab-internet-consolidation-02>.
- Abraham, Sunil, Maria Paz Canales, Joseph Lorenzo Hall, Olga Khrustaleva, Niels ten Oever, Christine Runnegar, and Shivan Kaul Sahib. 2017. Implementation Report for HTTP Status Code 451 (RFC 7725). Internet-Draft draft-451-imp-report-00 (expired). Internet Engineering Task Force (individual submission). <https://datatracker.ietf.org/doc/draft-451-imp-report/>.

Blogposts, essays, and opinion pieces

- [The Geopolitics Behind Your Phone's Signal: Understanding 5G's Global Power Play in Standardization](#), March 2025

- [Wat levert de 5G veiling eigenlijk op voor de samenleving](#), June 2024
- [Internet Sanctions on Russian Media: Diverging Actions and Mixed Effects](#) March 2024
- [The People's 5G Laboratory: Critical Perspectives on Media Technologies](#) June 2022
- [Walking the infrastructure walk and dancing the frequency dance](#) April 2022
- [Towards the Multistakeholder Imposition of Internet Sanctions](#) March 2022
- [Against 'Content Moderation' And The Concentration Of Power](#) October 2021
- [Private equity firm procures .org from the Internet Society, or: How the public interest got sold-out \(again\)](#) November 2019
- [Off the Beaten Path: Human rights advocacy to change the Internet infrastructure](#) September 2019
- [Please Hum Now: Decision Making at the IETF](#) May 2019
- [Assessing the human rights impacts of Internet registries](#) December 2017
- [Internet protocol community has a new tool to respect human rights](#) November 2017
- [Combating Censorship and Highlighting the Politics of Protocols at IETF99](#) August 2017
- [Status Code 451: An Internet Governance Standard to Expose Censorship](#) April 2017
- [#InternetOfRights: Creating the Universal Declaration of Digital Rights](#) March 2017
- [Freedom of Expression Unfiltered: How blocking and filtering affect free speech](#) December 2016
- [Corporate actors must not facilitate human rights violations through new Chinese rules](#) December 2016
- [Freedom of Expression and the role of the telecommunications and Internet access sector](#) December 2016
- [Making the Internet truly global: The IANA transition](#) September 2016
- [ICANN Board agrees to human rights commitment](#) February 2016

Film

- [Net of Rights](#) 2016, Director and Producer

Mentions in the Press

- [Video Podcast 'Digitale Autonomie'](#) with ECP – the Dutch Platform for the Information Society, December 2025
- Interview '[Russische media in Nederland te zien ondanks sancties](#)' with the Dutch TV programme Nieuwsuur, September 5 2025.
- Interview '[Reflections on Europe Day: 'Unequal societies will produce technologies that will reproduce inequalities'](#)' with the Amsterdam Center for European Studies

- Mention in Dutch national newspaper Trouw '[Google schrapt de expliciete belofte om kunstmatige intelligentie niet voor wapens of militaire doeleinden aan te wenden. 'Daar is veel geld aan te verdienen.'](#)' February 2025
- Mention in Dutch national newspaper NRC '[Geblokkeerde Russische propaganda toch beschikbaar in Nederland](#)', October 2024
- Mention in Bellingcat publication '[Using Open Source Internet Routing Tools to Monitor a Sanctioned Russian Bank](#)', March 2024
- Mention in Dutch national newspaper Trouw '[Moet Rusland van het web worden gegooid? Internetknooppunt Nederland brandt zich liever niet aan die vraag](#)', February 2024
- Mention in Dutch magazine De Groene Amsterdammer "'Altijd apolitek opereren' - [Hoe het vrije internet schuurt met sanctiewetgeving](#)", February 2024
- Podcast with CDT '[Tech Talk: Talking Tech with Mallory Knodel and Niels ten Oever On Inclusive Language in Internet Standards](#)'. December 2023
- Interview on Dutch National Public Broadcast Radio 1 'Mag een overheid burgers zomaar afsluiten van het internet?' on [internet shutdowns](#), April 2023
- Mention in article in Washington Post, '[Internet experts suggest ways to selectively block Russian military and propaganda sites](#),' March 2022
- Interview in Computable '[Internetsector te passief bij sancties tegen Rusland](#)', March 2022
- Mention in The Register '[Ukraine invasion: We should consider internet sanctions, says ICANN ex-CEO](#)', March 2022
- Quote in NRC '[Welke knop doet Rusland van het internet verdwijnen?](#)' March 2022
- Extended quotes in Data Center Dynamics '[Ukraine invasion brings Internet governance neutrality question into focus](#)', March 2022
- Mention in article in AP News: '[Experts: How to impose internet sanctions on Russia](#)'.- March 2022
- Mention in article in Heise: '[Gezielte Internetsperren tegen Rusland: Die Netz-Community will aktiv werden](#)' March 2022
- Extended quotes in The New Scientist '[What is Web3 and how will it change the way we use the internet?](#)', December 2021
- Extended quotes in Vox' RECODE '[Email is an awful online ID that we use for almost everything](#)', September 2021.
- Extended quotes in article in Wired Magazine: '[What really went down when the internet went down](#)', August 2021
- Interview in De Lichtkogel '[Internet als machtsmiddel](#)', July 2021

- Extended quotes in The Face '[Who owns the internet?](#)', March 2021
- Special Feature in New York Times covering my research and work in IETF '["Master," "Slave" and the Fight Over Offensive Terms in Computing](#)', April 2021
- Interview Internet Society Netherlands '[Het fundament van het Internet waar niemand omheen kan en weinigen iets vanaf weten](#)', March 2021
- Interview in Elektor Magazine: '[How Infrastructure Shapes Our Society](#)' (English) and '[Hoe infrastructuur onze samenleving vormt](#)', November 2020
- Extended quotes in '[Help, het internet breekt in tweeën](#)' in NRC, September 2020
- Extended quotes in '[La Chine exacerbe la bataille pour le contrôle d'internet](#)', April 7 2020
- Extended quotes in '[Inside China's controversial mission to reinvent the internet](#)' in the Financial Times, March 27 2020
- Interview '[Kampf um universelle Menschenrechte im Netz](#)' with Deutschlandfunk, July 2016

Editorial

- ten Oever, Niels, and Kathleen Moriarty (eds). 2020. [The Tao of the IETF](#). IETF Trust

Reviewing

- Book reviewer for Nordicom
- Article reviewer for Politics and Governance
- Article reviewer for International Journal of Communication
- Article reviewer for Humanities and Social Sciences Communications
- Article reviewer for Geopolitics
- Article reviewer for Review of International Political Economy
- Article reviewer for Platforms & Society
- Article reviewer for First Monday
- Article reviewer for Telecommunications Policy
- Conference paper reviewer Giganet
- Conference paper reviewer AOIR
- Article reviewer for Policy & Internet
- Article reviewer for Social Movement Studies
- Article reviewer for Internet Histories
- Article reviewer for M/C – A Journal of Media and Culture
- Article reviewer for New Media & Society
- Article reviewer for Ethics and Information Technology
- Book reviewer for MIT Press - Information Policy Series
- Book reviewer for Rowman & Littlefield International Press
- Project reviewer for [NGI Pointer](#)
- Project reviewer for SIDN fonds

Selection of invited keynotes, panels and talks

June 25, 2026

- Keynote talk at SURF Privacy and Security Conference, the Hague, the Netherlands

June 8, 2026

- Talk 'Standardisation in the EU, Russia, and China' at the Dutch National Inspectorate for Digital Infrastructure

- June 2, 2026 • Panel: [Digital Infrastructure, the State and Digital Sovereignty](#), at Spui25, the Netherlands
- March 27, 2026 • Keynote panel at DATAGOV conference: reshuffling the stack, Amsterdam, the Netherlands
- February 24, 2026 • Digital Sovereignty: can it be measured. Talk at Amsterdam School for Regional, Transnational and European Studies, Amsterdam, the Netherlands
- November 20, 2025 • Panel on the role of standards in digital sovereignty at the ECP jaarfestival: Meer Grip of Autonomie. The Hague, Netherlands
- November 14, 2025 • Capacity Building session Forum Standardisation and Ministry of Economic Affairs 'Digital Sovereignty: a contested concept in geopolitical times', the Hague, the Netherlands
- October 19, 2025 • Paper presentation: 'Infrastructural Anxiety and Digital Sovereignty: the perceived loss of control in Dutch communication networks' at Association of Internet Researchers (AoIR) 2025, Brazil
- April 12, 2025 • Moderator panel 'Governance and Geopolitics' at the 'AI and the Future of Europe' conference in Amsterdam
- March 25, 2025 • Organized and moderated roundtable '[The EuroStack Initiative: Digital Sovereignty in Europe](#)' of the Tech, Power, and Policy theme group of the Amsterdam Centre for European Studies
- February 28, 2025 • Faculty at [Salerno Winter School on Internet Governance](#), presenting on 'Ideology and Information Control in Russia, China, and the EU'
- December 9, 2024 • Speaker at [Splintercon Berlin](#) 'Infrastructure ideologies in China, the EU, and Russia: Standards, Sanctions, and Products'
- July 16, 2024 • Paper presentation in panel 'Digital Sovereignities' at EASST/4S 'Sanctions and Infrastructural Ideologies: Assessing the Material Shaping of EU Digital Sovereignty in Response to the War in Ukraine'
- June 20, 2024 • Keynote speaker '[5G generatie - Techdenkers bij Adyen](#)'
- May 13, 2024 • Keynote speaker '[Assessing the Material Shaping of EU Digital Sovereignty in Response to the War in Ukraine](#)' at EU's Digital Future Seminar at the VUB, Brussels School of Governance
- April 26, 2024 • Keynote speaker 'Ideologies, Sanctions, Standards' at Digital Materialities Seminar, organized by the Internet Society Center of the CNRS in Paris, France
- February 23, 2024 • Convener 'Data is Dead' at Spui25 at the University of Amsterdam
- February 21, 2024 • Panelist 'Do We Really Care? Public Values and Digital Technology in the Netherlands' at Spui25 at the University of Amsterdam
- February 8, 2024 • Convener and moderator event "Knowledge-driven power in a digitized world" at Spui 25 at the University of Amsterdam
- November 10, 2023 • Chairing and organizing open panel "Russia's war on Ukraine – environments, imperialism, infrastructures" at 4S Conference, Honolulu, Hawaii
- November 8, 2023 • Co-Chairing and organizing open panel "Overcoming Sociotechnical Imaginaries: infrastructural ideologies and materialities?" at 4S conference, Honolulu, Hawaii. Presenting paper: Distinguishing Infrastructural Ideologies in the EU, China, Russia and the United States
- October 23, 2023 • Masterclass Net Politics: Infrastructure of the Internet, Internet Society
- October 20, 2023 • Talk at conference panel "Infrastructural Insecurity: Geopolitics in the Standardization of Telecommunications Networks" at the Association of Internet Researchers (AOIR) 2023 Annual Meeting
- October 18, 2023 • Invited public lecture "Geopolitics, Environment, and Infrastructures" at the University of Pennsylvania (UPenn)
- September 14, 2023 • Niels ten Oever - Matige en machtige technologie: the critical infrastructure lab at the [opening of the academic year of the faculty of the humanities of the University of Amsterdam](#)
- September 12, 2023 • Standards and Infrastructure, organizing and chairing session at Dutch Internet Governance Forum
- June 5, 2023 • Masterclass Internet Infrastructure, Measurements, Databases,

	and Sanctions, Investico Platform for Investigative Journalists, Amsterdam, the Netherlands
May, 2023	• Workshop on Digital Sovereignty at Center for Advanced Internet Studies, Bochum, Germany
February 15, 2023	• Invited expert at the United Nations Office of the High Commissioner of Human Rights consultation on human rights and technical standard-setting processes for new and emerging digital technologies panel , Geneva, Switzerland
January 18, 2023	• Aktuelle Entwicklungen in der Medienpraxis: Private Macht und öffentliche Werte in der Onlinekommunikation, University of Innsbruck
December 9 2022	• The Production of the Infrastructural Subject Through 5G, 4S 2022, Puebla, Mexico
November 18, 2022	• 5G Regulation: Standards, Surveillance, and Ideology , FGV-CTS Rio de Janeiro
September 21 2022	• Infrastructure Walk, Ernst Reuter Platz, TU Berlin
July 24, 2022	• Wired Norms: Inscription, resistance, and subversion in the governance of the Internet infrastructure - Quadrennial Dutch HackerCamp MCH2022
July 6, 2022	• The standardisation of lawful interception technologies in the 3GPP - International Association for Media and Communication Research (IAMCR) 2022
May 2022	• The People's 5G Laboratory: Critical Engagement With Media Technologies - International Communication Association 2022, Paris
May 2022	• Session chair: Influencers: Digital CATerans or PoleCATs? - International Communication Association 2022, Paris
April 2022	• Sanctions: Geopolitics in the Internet Infrastructure - OECD
April 2022	• Politics in Standards and Networks - Hertie School & Hebrew University
March 2022	• Global Media Industries - The State, Capital, and Technology in the Telegraph, the Internet, and 5G - City University of London
January 2022	• Digital Politics - States, Corporations, and Transnational Communications Networks - Digital Constitutionalism Research Group - Dublin City University
December 2021	• 5G and the notion of network ideology, or: the limitations of sociotechnical imaginaries - Giganet Annual Symposium, Internet Governance Forum
December 2021	• Panel participants in panel 'Power and Authority in Internet Governance: Return of the State?' at Internet Governance Forum
November 2021	• The metagovernance of Telecommunication: from telegraph to 5G - Digital Politics Workshop at the Manchester Metropolitan University
November 2021	• Panel participant in panel 'Digital Autonomy - digi do or digi don't' at annual ECP festival
October 2021	• Organizer and discussant on panel 'Wiring digital rights: Embedding rights "by infrastructure" in Internet governance' at 4S
October 2021	• Panel participant 'The power of Internet standards: Who defines how we connect and communicate online?' at the National Cyber Security Council Research Symposium
September 2021	• The metagovernance of Internet governance - Power and Authority: Doing Internet Governance: What Role for the State? - 20th Käte Hamburger Dialogue
September 2021	• The Making of International Communication Standards - 11th International Conference on Standardisation and Innovation in Information Technology
May 2021	• The quantum state of topological infrastructure reconfigurations: the case of 5G - Digital Democracy Institute at Simon Fraser University
April 2021	• Norms and governance in digital transnational communication infrastructures - Federmann School of Public Policy and Hertie School of Public Policy
April 2021	• Two emerging communication governance regimes - University of Amsterdam Institute for Information Law

March 2021	<ul style="list-style-type: none"> • The Master's Infrastructure Will Not Dismantle the Master's Platform – the Hmmm on Alternative Platforms
March 2021	<ul style="list-style-type: none"> • Digital technical standards: Strengthening the Multi-stakeholder System – Chatham House and the Department for Digital, Culture, Media & Sport of the United Kingdom
January 2021	<ul style="list-style-type: none"> • The Standardization of 5G and its discontents - Dutch Platform for Internet Standards
January 2021	<ul style="list-style-type: none"> • The hidden norms of the Internet and Human Rights – Virtual School for Internet Governance
December 2020	<ul style="list-style-type: none"> • The role of norms in the Internet infrastructure: the infrastructural norm of interconnection and human rights - Oxford University and the University of Johannesburg – PCMLP Global Media Policy Seminar Series
November 2020	<ul style="list-style-type: none"> • Norm conflict in the governance of complex, transnational, and distributed infrastructures: the case of Internet routing – Giganet, Internet Governance Forum
September 2020	<ul style="list-style-type: none"> • Norms and Human Rights in Internet governance - Leiden University, the Hague Campus
August 2020	<ul style="list-style-type: none"> • Masterclass Netpolitics – Waag Society & Internet Society
July 2020	<ul style="list-style-type: none"> • Surging Demand and the Global Internet Infrastructure – panelist on webinar of the Netgain Partnership
April 2020	<ul style="list-style-type: none"> • Protocols, Values, and Power - University of Amsterdam Institute for Information Law
February 2020	<ul style="list-style-type: none"> • Protocols, Values, and Power - University of Amsterdam Institute for Information Law
February 2020	<ul style="list-style-type: none"> • Wired Values – Platform Internet Standards, Dutch Ministry of Economic Affairs
November 2019	<ul style="list-style-type: none"> • Human Rights and Protocols – Leiden University, the Hague Campus
November 2019	<ul style="list-style-type: none"> • Values in the Internet infrastructure – presentation in session 'Public Values' – Dutch platform society (ECP) annual meeting
October 2019	<ul style="list-style-type: none"> • Introduction into Internet Governance – Internet Society Masterclass at De Waag in Amsterdam
October 2019	<ul style="list-style-type: none"> • Taking the High Route - Infrastructures and Inequalities: Media industries, digital cultures and politics workshop of the European Communication and Research Association (ECREA) in Helsinki
October 2019	<ul style="list-style-type: none"> • Cyberwar, cyberpower, 5G – Kyiv Biennial
October 2019	<ul style="list-style-type: none"> • A Route Not Taken – St. Petersburg University
August 2019	<ul style="list-style-type: none"> • What Does the Internet Do to You – Trinity College Dublin
July 2019	<ul style="list-style-type: none"> • Live in the Layers – Global Partners Digital London
July 2019	<ul style="list-style-type: none"> • Discussant at workshop 'Return of the State? Contests for Power and Authority in Internet Governance' - Käte Hamburger Kolleg / Centre for Global Cooperation Research
June 2019	<ul style="list-style-type: none"> • Cybernetica, dataficatie en surveillance in de polder - Afscheidssymposium Ruud Kaulingfreks, Universiteit van Humanistiek
June 2019	<ul style="list-style-type: none"> • The Net That Won: a little history repeating - Research Infrastructure for the Study of Archived Web Materials (RESAW) 2019 – University of Amsterdam
May 2019	<ul style="list-style-type: none"> • Transmetropolitan Revisted: Why the Present-Future is Boring – GIKII - TILTING 2019 at Tilburg University
April 2019	<ul style="list-style-type: none"> • Taking the High Route – an approach to value based routing – RIPE78 Reykjavik, Iceland
March 2019	<ul style="list-style-type: none"> • The (dis)content of Internet infrastructure consolidation, Networks With an Attitude Workshop – Constant, Antwerp
October 2018	<ul style="list-style-type: none"> • The Inscription and Subversion of Values in Transnational Internet Infrastructure Governance - Privacy and Sustainable Computing Lab of the Vienna University of Economics and Business
April 2018	<ul style="list-style-type: none"> • This is not how we imagined it' - Technological Affordances, Economic Drivers and the Internet Architecture Imaginary' Plenary talk at RIPE77
April 2018	<ul style="list-style-type: none"> • The Architecture Imaginary and its Ossification – Workshop on Future Imaginaries at Humboldt Institut fuer Internet und Gesellschaft

- March 2018 • Internet Infrastructure, Architecture, Governance, and Values in times of Ossification and Commercialization – Internet Governance and Human Rights Conference - School of Global Studies, University of Gothenburg
- March 2018 • Internet Infrastructure, Architecture, Ossification – Alan Turing Institute
- December 2017 • Quantitative Analysis of Mailinglists – Internet Engineering Task Force
- December 2017 • A Net of Rights: Human Rights Impact Assessments for the Future of the Internet - IGF2017
- October 2017 • Protocols and Freedom of Expression - University of California, Irvine, School of Law.
- July 2017 • Mensenrechten en internetinfrastructuur: Human Rights Impact Assessments – NLIGF2017
- March 2017 • Keynote 'Internet Protocols and Human Rights' – Technical Plenary at IETF98
- April 2017 • Human Rights and Internet Infrastructure - SHA2017
- December 2016 • Internet Architecture & Human Rights: ICANN & IETF – CPDP2016
- November 2015 • Implementing Core Principles in the Digital Age – IGF2015
- November 2015 • Human Rights on the Internet – IGF2015
- November 2015 • Zero-rating and net neutrality policies in developing countries – IGF 2015
- September 2014 • ICANN, Transparency, Accountability and Human Rights
- October 2013 • Best practices in Digital Security – 3TU – Delft Technical University
- March 2012 and May 2013 • Supporting Freedom of Expression Globally - Utrecht University College
- June 2013 • Citizen journalism secured: Storymaker - Freedom Online Tunis
- August 2013 • Storymaker: Open source mobile reporting in MENA - approaches, challenges and first findings – OHM2013

Service, Workshop Organizing, and Programme Committees

- February 2025 - present • Coordinator theme group Tech, Policy, and Power of the Amsterdam Center for European Studies (ACES)
- July 2023 – present • Coordinator [Amsterdam School for Regional, Transnational and European Studies \(ARTES\) cluster digital networks, communications, and technologies](#)
- May 2023 - present • Member of the Working Group on Responsible IT of the University of Amsterdam, contributing to framework on digital autonomy for the university
- October 2025 – June 2026 • Programme Committee of the European Multidisciplinary Conference on Global Internet Governance Actors, Regulations, Transactions and Strategies 2026 (GIG-ARTS 2026)
- October 2025 • Co-Chair and organizer of Submarine Cable Workshop, Amsterdam
- September 2025 • Co-Chair and organizer of Quantum Standardization Workshop, Amsterdam
- July 2025 • Co-Chair, facilitator, and organizer of the critical infrastructure lab summerschool in Perast, Montenegro
- June 2022 – December 2024 • Co-Convenor of the ACES Europe and the New Geopolitics of Technology Series
- November 2024 – June 2025 • Programme Committee of the European Multidisciplinary Conference on Global Internet Governance Actors, Regulations, Transactions and Strategies 2025 (GIG-ARTS 2025)
- December 18, 2024 • Co-convenor and moderator of book presentation '[Disconnecting Sovereignty: How Data Fragmentation Reshapes the Law](#)' at the University of Amsterdam
- March 2023 – August 2024 • Co-chair of the Research and Analysis Research Group (RASPRG) in the Internet Research Task Force (IRTF)
- June 2024 • Co-chair and organizer of the 1st International Critical Internet Governance Studies workshop at the University of Amsterdam

November 2023 – June 2024	<ul style="list-style-type: none"> • with the critical infrastructure lab and Rede de Pesquisa em Governança da Internet • Programme Committee of the European Multidisciplinary Conference on Global Internet Governance Actors, Regulations, Transactions and Strategies 2024 (GIG-ARTS 2024)
January 2022 – January 2024 September 2023	<ul style="list-style-type: none"> • Vice-chair of the Global Internet Governance Academic Network (Giganet) • Organizer Workshop on international standard-setting for Dutch Ministry of Foreign Affairs, Ministry of Interior Affairs, and Ministry of Economic Affairs and Climate
June 2023	<ul style="list-style-type: none"> • Organizer roundtable discussion on "Protocols, standards, ecosystems" at the University of Amsterdam
November 2023	<ul style="list-style-type: none"> • Panel Chair 'Overcoming Sociotechnical Imaginaries: infrastructural ideologies and materialities?' at 4S, Honolulu, Hawaii
November 2023	<ul style="list-style-type: none"> • Panel Chair 'Russia's War on Ukraine - Environments, Imperialism, Infrastructures' at 4S, Honolulu, Hawaii
July 2023	<ul style="list-style-type: none"> • Workshop Chair of the Critical Infrastructure Lab policy retreat (25 participants, 5 days in Perast, Montenegro)
April 2023	<ul style="list-style-type: none"> • Conference Chair of the Critical Infrastructure Lab launch event (175 participants, 2 days, 3 keynotes, parallel panels sessions and workshops in Amsterdam)
August 2022	<ul style="list-style-type: none"> • Co-Organizer ACM SIGCOMM joint Workshops on "Technologies, Applications, and Uses of a Responsible Internet" and "Building a Greener Internet" (TAURIN + BGI 2022)
July 2022	<ul style="list-style-type: none"> • Organizer workshop Datastreams in the City – Amsterdam Public Library, Amsterdam Municipality, and University of Amsterdam
April 2022	<ul style="list-style-type: none"> • Co-Organizer IN-SIGHT.it Kick-off workshop with NEN, the Dutch National Standards Institute
April 2022	<ul style="list-style-type: none"> • Co-Organizer 5G Infrastructure Walk – Amsterdam Arena – Collaboration Public Library Amsterdam (OBA) and the People's 5G Lab
January 2022	<ul style="list-style-type: none"> • Workshop convener and chair Giganet Workshop on Internet Standard Setting Research Methods
December 2021	<ul style="list-style-type: none"> • Workshop convener and chair Internet Architecture Board workshop: 'Show me the numbers: Workshop on analyzing IETF data'
September 2021	<ul style="list-style-type: none"> • Workshop co-organizer Workshop on Internet Standards-Setting Research Methods
December 2020	<ul style="list-style-type: none"> • Programme Committee Global Internet Governance Academic Network November 2021 meeting
June 2021	<ul style="list-style-type: none"> • Co-organizer '5G User perspective and implementation' session at European Dialogue on Internet Governance
September 2020	<ul style="list-style-type: none"> • Programme Committee ACM Information-Centric Economic, Societal and Governance Workshop 2020
January 2020	<ul style="list-style-type: none"> • Programme Committee of 2020 Conference on Fairness, Accountability, and Transparency in Barcelona (FAT* 2020)
September 2019	<ul style="list-style-type: none"> • Workshop Co-Organizer of 'Future Paths to a Public Interest Internet Infrastructure' – Harvard Kennedy School, Harvard University
June 2019	<ul style="list-style-type: none"> • Programme Committee for Workshop: Engineering Accountable Information Systems at ECIS 2019, Stockholm University
June 2019	<ul style="list-style-type: none"> • Programme Chair for session 'Society rebooted: Digital infrastructure and its governmentality' at Dutch Day of Sociology – Nederlandse Sociologische Vereniging
April 2019	<ul style="list-style-type: none"> • Workshop Host and Co-Organizer of '4th global HTTP implementers workshop' – University of Amsterdam
January 2015 – January 2018	<ul style="list-style-type: none"> • Co-chair of the Human Rights Protocol Considerations Research Group (HRPC RG) in the Internet Research Task Force (IRTF)

Languages

Dutch
English

Native language
Fluent in speaking and writing
Fluent in speaking, proficient in reading and writing

German
Polish
French

Basic skills
Basic skills

IT Skills

Debian/Linux (desktop and server), Bash, Python, R, Java, HTML, HTML CSS, MySQL, Wordpress, Software Defined Radio, Android development, Networking, Wireless Mesh, LaTeX, LibreOffice, Markdown, Git, Github.

Boards and committees

[AI infrastructures for sovereignty and self-determination at Tübingen University](#)

Advisory board member

May 2026 – January 2029

[Amsterdam School for Regional, Transnational and European Studies](#)

Advisory board member

March 2026 - present

[Open Technology Fund](#)

Advisory board member

February 2022 - present

[Platform Internet Standaarden](#)

Academic representative

February 2021 – present

[Geopolitics of Technology](#)

Lecture Series Organizer

June 2022 – July 2025

[SIDN Fund](#)

Advisory Board member

November 2019 – April 2024

[Digital Rights and Responsibilities Catalonia](#)

Advisory Board member

August 2019 – January 2024

[SOMO](#)

Board member

November 2015 – July 2021

[Ranking Digital Rights](#)

Board member

July 2016 – October 2020

[On Our Radar](#)

Advisor

September 2014 – October 2020

[Internet Society NL](#)

Board member

November 2015 – December 2017

Prizes, Nominations, Mentions

2023

- Best Technology Paper of the Month and Open Access Article of the week – the Syllabus

2021

- Association of Internet Researchers 2021 Conferences Award for Best Direct Address talk on [The Quantum State of Infrastructure Reconfiguration in 5G](#).

2021

- Honorable mention annual AoIR PhD thesis award

2012

- Internet Society (ISOC) Internet Pioneer Award for Internet Protection Lab

Awarded Research Grants

Total amount of research grants fundraised: 3.000.000 EUR

2026 – 2028

- Open Technology Fund (478.000 USD) project grant: Central Asia Information Control Export: The Great Game 2.0 (with Dmitry Kuznetsov)

2026 – 2029

- Ford Foundation (400.000 USD) project grant for the critical infrastructure lab (with Fieke Jansen)

2025 – 2027

- Internet Society Foundation – Interconnections in Times of Geopolitical and Environmental Crises (with Fieke Jansen) (300.000 USD)

- 2025 - 2027 • AI Collaborative - Rethinking AI Governance: Doing better things instead of doing things 'better' (with Fieke Jansen) (427.000 USD)
- 2025 - 2026 • University of Amsterdam - 'Goeconomic competition through the lens of energy transitions: the case of the global submarine cable network' - Energy transition through the lens of Sustainable Development Goals (EN-LENS) project grant (with Fieke Jansen and Milan Babic) (35.000 EUR)
- 2024 - 2028 • Dutch Research Council (NWO) Startersgelden (300.000 EUR)
- 2024 - 2026 • Ford Foundation (250.000 USD) project grant for the critical infrastructure lab
- 2024 - 2026 • Open Technology Fund (308.000 USD) project grant for researching the 'Politics of (Dis)Connection'
- 2022 - 2024 • Ford Foundation (350.000 USD) project grant for the Critical Infrastructure Lab
- 2022 - 2024 • Internet Society Foundation (250.000 USD) project grant for the Critical Infrastructure Lab
- 2023 • Omidyar Foundation (40.000 USD) project grant for the Critical Infrastructure Lab
- 2022 • Public Interest Technology Group - (3105 EUR travel grant to attend ITU Plenipotentiary 2022 Meeting)
- 2022 • Data Flows in the City - (44.380 EUR project for the Amsterdam Municipality with Jeroen de Vos and Maxigas)
- 2021 - 2022 • Global Digital Cultures grant (29.224 EUR with Maxigas and Paul Groth)
- 2021 • Amsterdam Center for European Studies (13.356 EUR for hiring student assistant for six months)
- 2020 - 2021 • Open Technology Fund - Research Project on Human Rights Implications of 5G (128.000 USD research project contract)
- 2019 • Amsterdam School for Cultural Analysis PhD finishing fellowship (one year 0.5 FTE)
- 2019 • RIPE academic travel grant (flight, hotel, conference attendance)
- 2019 • Ford Foundation (50.000 USD research project grant)
- 2019 - 2020 • Amsterdam Center for European Studies (800 EUR grant covering interview transcription costs)
- 2019 • Ford Foundation (20.000 USD), Harvard Kennedy School (20.000 USD), ARTICLE19 (10.000 USD), Amsterdam School for Globalisation Studies (2500 EUR), MacArthur Foundation (2500 USD) for workshop 'Future Paths for a Public Interest Internet Infrastructure' at the Harvard Kennedy School)

Awarded civil society projects and organizational grants

- 2015 - 2018 • United States State Department, Department of Human Rights and Labor (multiyear project funding >1m USD)
- 2016 - 2018 • MacArthur Foundation (multiyear project funding > 1m USD)
- 2016 - 2018 • Ford Foundation (multiyear project funding >100k USD)
- 2011 - 2013 • Human Rights Fund of the Governments of the Netherlands (multiyear project funding >700k EUR)
- 2010 - 2011, 2017 - 2018 • National Endowment for Democracy (multiyear project funding >100k USD)
- 2008 - 2009, 2016 • Stichting Dijkverzwaring (multiyear project funding >50k USD)

Memberships

International Association for Media and Communication Research (IAMCR)
 Dutch Political Science Association (NKWP)
 AI, Media, and Democracy Lab
 Amsterdam Center for European Studies (ACES)
 International Studies Association (ISA)
 Society for Social Studies of Science (4S)
 International Communications Association (ICA)
 The Global Internet Governance Academic Network (Giganet)

EC Research Standardization Network (EURAS)
Non-Commercial Stakeholder Group (NCSG) in ICANN

References

Prof. Dr. Theresa Kuhn, University of Amsterdam, T.KuhnLancee@uva.nl
Prof. Dr. Blayne Haggart, Brock University, bhaggart@brocku.ca
Prof. Dr. Stefania Milan, University of Amsterdam, s.milan@uva.nl