

Dietmar Offenhuber, PhD

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Education

- 2009–2014 *PhD in Urban Studies and Planning*
Massachusetts Institute of Technology, Cambridge, MA
Department of Urban Studies and Planning
Outstanding PhD Dissertation Award 2014
- 2006–2008 *MS in Media Arts and Sciences*
Massachusetts Institute of Technology, Cambridge, MA
Sociable Media Group, MIT Media Lab
- 1992–2002 *Diplom-Ingenieur of Architecture*
Technische Universität Wien, Vienna, Austria
School of Architecture and Planning
Professional graduate degree comparable to MS

Academic Appointments

- Since 2022 *Chair*
Department of Art+Design, Northeastern University, Boston, MA
- 2021–2022 *Interim Chair*
Department of Art+Design, Northeastern University, Boston, MA
- 2019–2021 *Visiting Associate Professor, Princeton-Mellon Fellow*
Princeton University School of Architecture, Princeton, NJ
- Since 2019 *Affiliate*
Berkman Center for Internet & Society, Harvard University, Cambridge, MA
- Since 2024 *Professor*
Northeastern University, Boston, MA
- 2018–2024 *Associate Professor*
Northeastern University, Boston, MA
- 2013–2018 *Assistant Professor*
Northeastern University, Boston, MA
Joint appointment Department of Art+Design, College of Arts, Media and Design

and School of Public Policy and Urban Affairs, College of Social Sciences and Humanities

Graduate Coordinator, Department of Art+Design

Coordinator, MFA in Information Design and Visualization

Co-director, Northeastern Visualization Initiative (NUVIS)

Core faculty, Northeastern Center for Design

Core faculty, MS Urban Informatics

Core faculty, NULab for Texts, Maps, and Networks

Affiliate Faculty, Social Science Environmental Health Research Institute

Affiliate Faculty, Public History Program

Affiliate Faculty, Political Science

2009-2014

Research Fellow

Department of Urban Studies and Planning

Senseable City Lab

Massachusetts Institute of Technology, Cambridge, MA

2007-2009

Universitätsprofessor

non-tenured position §99 USTG

Department of Interface Culture

Art University Linz, Austria

2004-2006

Full-time Lecturer

University of Applied Sciences in Hagenberg, Austria

Media Technology and Design (undergraduate) and Digital Media (graduate)

2001

Part-time Lecturer

Art University Linz, Austria

2000

Part-time Lecturer

University of Applied Sciences in Hagenberg, Austria

Professional Appointments

2016-2018

Advisor

United Nations Development Programme (UNDP)

Mentored two projects in Moldova and Kosovo

2007-2009

Key Researcher Visualization

Ludwig Boltzmann Institute for Media Art Research, Linz, Austria

2002-2004

Key Researcher

Interactive Space Group

Ars Electronica Futurelab, Linz, Austria

1995-2002

Founding Member

Ars Electronica Futurelab, Linz, Austria

Scholarship (Publications)

ACADEMIC MONOGRAPHS

- 2023 Dietmar Offenhuber. *Autographic Design - The Matter of Data in a Self-inscribing World*. Cambridge: MIT Press, 2023.
- Reviews:*
Tania Allen. “Autographic Design: The Matter of Data in a Self-Inscribing World”. In: *Design Issues* 40.4 (Oct. 1, 2024), pp. 88–90.
- 2017 Dietmar Offenhuber. *Waste Is Information: Infrastructure Legibility and Governance*. Cambridge: MIT Press, 2017.
- Reviews:*
Jim Thatcher. “Waste Is Information: Infrastructure Legibility and Governance”. In: *Urban Geography* 40.4 (Apr. 21, 2019), pp. 587–589.
Jonathan Seth Krones. “Book Review of Waste Is Information: Infrastructure Legibility and Governance, by Dietmar Offenhuber”. In: *Journal of Industrial Ecology* (2018).

EDITED VOLUMES

- 2014 Dietmar Offenhuber and Carlo Ratti, eds. *Decoding the City: Urbanism in the Age of Big Data*. Basel: Birkhauser, 2014.
- Translations to German, Chinese, Korean, and Farsi:*
Dietmar Offenhuber and Carlo Ratti, eds. *Die Stadt Entschlüsseln: Wie Echtzeitdaten Den Urbanismus Verändern*. Trans. by Ingrid Fischer-Schreiber. Birkhauser, Oct. 2013.
Dietmar Offenhuber and, eds. 数字化城市——实时数据如何改变城市化进程. 第1版. Shanghai, CN: Tongji University Press, 2015.
Dietmar Offenhuber and Carlo Ratti, eds. *Decoding the City: Urbanism in the Age of Big Data*. Trans. by Jaehyun Park. 창조적 도시재생 시리즈 71. Seoul, Korea: Korea Research Institute for Human Settlements, 2016.
Dietmar Offenhuber and Carlo Ratti, eds. داده‌های عصر در شهرگرایی شهر رمزگشایی. کلان. Trans. by Fardin Haydari, Nasser Barati, and Sattar zad Fathi Mani. Teheran: Imam Khomeini International University, 2016.
- 2013 Dietmar Offenhuber and Katja Schechtner, eds. *Accountability Technologies - Tools for Asking Hard Questions*. Vienna: Ambra, 2013.
- 2012 Dietmar Offenhuber and Katja Schechtner, eds. *Inscribing a Square: Urban Data as Public Space*. Vienna, New York: Springer, Aug. 1, 2012. 96 pp.

JOURNAL ARTICLES

- 2024 Dietmar Offenhuber. “Shapes and Frictions of Synthetic Data”. In: *Big Data & Society* 11.2 (June 1, 2024), p. 20539517241249390.
- 2023 Dietmar Offenhuber and Joy Mountford. “Reconsidering Representation in College Design Curricula”. In: *She Ji: The Journal of Design, Economics, and Innovation. The Future of Design Education: Rethinking Design Education for the 21st Century* 9.2 (June 1, 2023), pp. 264–282.
- 2020 Dietmar Offenhuber, Sam Auinger, Susanne Seitingner, and Remco Muijs. “Los Angeles Noise Array—Planning and Design Lessons from a Noise Sensing Network”. In: *Environment and Planning B: Urban Analytics and City Science* 47.4 (May 2020), pp. 609–625.
- Best Paper D. Offenhuber. “What We Talk About When We Talk About Data Physicality”. In: *IEEE Computer Graphics and Applications* 40.6 (Nov. 2020), pp. 25–37.
Best paper award 2020 IEEE Computer Graphics and Applications Journal
- 2019 Dietmar Offenhuber. “Data by Proxy — Material Traces as Autographic Visualizations”. In: *IEEE transactions on visualization and computer graphics* 26.1 (2019), pp. 98–108.
- Sarah Campbell and Dietmar Offenhuber. “Feeling Numbers: The Emotional Impact of Proximity Techniques in Visualization”. In: *Information Design Journal* 25.1 (Dec. 31, 2019), pp. 71–86.
- Dietmar Offenhuber. “The Platform and the Bricoleur—Improvisation and Smart City Initiatives in Indonesia”. In: *Environment and Planning B: Urban Analytics and City Science* 46.8 (Oct. 1, 2019), pp. 1565–1580.
- Antonio Solano-Roman, Carlos Cruz-Castillo, Dietmar Offenhuber, and Andres Colubri. “NX4: A Web-Based Visualization of Large Multiple Sequence Alignments”. In: *Bioinformatics* (2019).
- 2018 Dietmar Offenhuber and Katja Schechtner. “Improstructure - an Improvisational Perspective on Smart Infrastructure Governance”. In: *Cities* 72 (Feb. 1, 2018), pp. 329–338.
- David Lee, Dietmar Offenhuber, Fábio Duarte, Assaf Biderman, and Carlo Ratti. “Monitour: Tracking Global Routes of Electronic Waste”. In: *Waste management* 72 (2018), pp. 362–370.
- 2017 Dietmar Offenhuber. “Maps of Daesh: The Cartographic Warfare Surrounding Insurgent Statehood”. In: *GeoHumanities* 4.1 (Dec. 2017), pp. 1–24.
- Hon- orable Mention Daniel Tumminelli O’Brien, Dietmar Offenhuber, Jessica Baldwin-Philippi, Melissa Sands, and Eric Gordon. “Uncharted Territoriality in Coproduction: The Motivations for 311 Reporting”. In: *Journal of Public Administration Research and Theory* 27.2 (Apr. 2017), pp. 320–335.

- 2014 Dietmar Offenhuber. “Infrastructure Legibility—a Comparative Analysis of Open311-Based Citizen Feedback Systems”. In: *Cambridge Journal of Regions, Economy and Society* 8.1 (Mar. 14, 2014), pp. 93–112.
- 2013 Dietmar Offenhuber, Malima I. Wolf, and Carlo Ratti. “Trash Track – Active Location Sensing for Evaluating e-Waste Transportation”. In: *Waste Management Research* (Jan. 10, 2013).
- Nashid Nabian, Dietmar Offenhuber, Anthony Vanky, and Carlo Ratti. “Data Dimension: Accessing Urban Data and Making It Accessible”. In: *Proceedings of the ICE - Urban Design and Planning* 166.1 (Feb. 2013), pp. 60–75.
- Santi Phithakkitnukoon, Malima I. Wolf, Dietmar Offenhuber, David Lee, Assaf Biderman, and Carlo Ratti. “Tracking Trash”. In: *IEEE Pervasive Computing* 12.2 (Apr. 2013), pp. 38–48.
- 2012 Dietmar Offenhuber. “Patterns of Choice: The Prix Ars Electronica Jury Sessions”. In: *Leonardo* 45.3 (2012), pp. 226–232.
- Best Paper Dietmar Offenhuber, David Lee, Malima I. Wolf, Santi Phithakkitnukoon, Assaf Biderman, and Carlo Ratti. “Putting Matter in Place”. In: *Journal of the American Planning Association* 78.2 (2012), pp. 173–196.
- JAPA Article of the Year Award*
- 2011 Avid Boustani, Lewis Girod, Dietmar Offenhuber, Rex Britter, Malima I. Wolf, David Lee, Stephen Miles, Assaf Biderman, and Carlo Ratti. “Investigation of the Waste-Removal Chain through Pervasive Computing”. In: *IBM Journal of Research and Development* 55.1.2 (Jan. 2011), 11:1–11:11.
- 2010 Dietmar Offenhuber. “Visual Anecdote”. In: *Leonardo* 43.4 (July 16, 2010), pp. 367–374.
- 2009 Andrew Vande Moere and Dietmar Offenhuber. “Beyond Ambient Display: A Contextual Taxonomy of Alternative Information Display”. In: *International Journal of Ambient Computing and Intelligence* 1.2 (2009), pp. 39–46.
- 2005 Dietmar Offenhuber. “Wegzeit - The Geometry of Relative Distance”. In: *Vectors online journal* 1.2 (2005).

ARTICLES IN PROFESSIONAL JOURNALS

- 2022 Dietmar Offenhuber. “The Planet as a Photographic Plate”. In: *Fotograf Magazine* 20.40 (2021), pp. 66–71.
- 2020 Orkan Telhan and Dietmar Offenhuber. “The Inscriptome: Virus as a Visual Instrument”. In: *Strelka Magazine* (Sept. 8, 2020).
- 2017 Dietmar Offenhuber. “Der Plattform-Urbanismus”. In: *Bauwelt* 26 (2017).
- Sam Auinger and Dietmar Offenhuber. “Auditory Space - Its Limitations and Its Materiality”. In: *Graz Architektur Magazin.13 Spatial Expeditions*. Ed. by Irmgard

Frank, Claudia Gerhäuser, and Franziska Hederer. Berlin: JOVIS, 2017.

2011

Dietmar Offenhuber. "IOOO - the Internet of Obsolete Objects". In: *VOLUME 28* (2011), pp. 169–171.

CONFERENCE PROCEEDINGS

2023
Honorable
Mention

Laura Perovich, Bernice Rogowitz, Victoria Crabb, Jack Vogelsang, Sara Hartleben, and Dietmar Offenhuber. "The Tactile Dimension: A Method for Physicalizing Touch Behaviors". In: *Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems* (2023).

Lora Oehlberg, Wesley Willett, Samuel Huron, Till Nagel, Alice Thudt, Ekene Ijeoma, Dietmar Offenhuber, and Eva Hornecker. "Making with Data (and Beyond)". In: *Extended Abstracts of the 2023 CHI Conference on Human Factors in Computing Systems*. CHI EA '23. New York, NY, USA: Association for Computing Machinery, Apr. 2023, pp. 1–5. URL: <https://doi.org/10.1145/3544549.3583748> (visited on 12/09/2023).

2022

Dan Lockton, Carine Lallemand, Daphne Menheere, Chang Hee Lee, Marion Lean, Dietmar Offenhuber, Holly Robbins, Elisa Giaccardi, and Samuel Huron. "Valuing the Qualitative in Design and Data". In: *Design Research Society Conference Proceedings*. DRS2022: Bilbao. 2022.

2021

Dietmar Offenhuber and Sam Auinger. "Distancing Interfaces—Improvisational Media Architectures for Place-Based Discourse under Lockdown". In: *Media Architecture Biennale 20*. MAB20. New York, NY, USA: Association for Computing Machinery, June 28, 2021, pp. 111–120.

Bernice Rogowitz, Laura J. Perovich, Yuke Li, Bjorn Kierulf, and Dietmar Offenhuber. "Touching Art – A Method for Visualizing Tactile Experience". In: *Alt.Vis 2021*. 2021.

2019

Dietmar Offenhuber. "Dustmark and Ozone Tattoos: Autographic Displays of Air Pollution". In: *VIS Arts Program'19*. IEEE VIS 2019. Vancouver, Canada, 2019.

2018

Azam Majooni, Amir Akhavan, and Dietmar Offenhuber. "An Eye-Tracking Study on Usability and Efficiency of Blackboard Platform". In: *Advances in Design for Inclusion: Proceedings of the AHFE 2018 International Conference on Design for Inclusion, July 21-25, 2018*. International Conference on Design for Inclusion. Ed. by Giuseppe Di Bucchianico. Orlando, Fla: Springer, 2018, pp. 281–289.

Alessandra Renzi, Dietmar Offenhuber, Nathan Felde, Christopher Pietsch, Siqi Zhu, and Navarjun Grewal. "Art of the March - a Visual Archive of Protest Signs". In: *VIS Arts Program'18 Exhibition Catalog*. IEEE VIS. Berlin, 2018.

2016

Dietmar Offenhuber. "The Transactionalization of Infrastructure as a Case for Accountability-Oriented Design". In: *Design and the City Conference*. Design and the City Conference. Amsterdam, 2016.

- 2015 David Lee, Dietmar Offenhuber, Lucia Helena Xavier, and Carlo Ratti. “Forager: Designing Location-Aware Applications for Informal Waste Recyclers in Brazil”. In: *Proceedings of the 2015 ACM International Joint Conference on Pervasive and Ubiquitous Computing and Proceedings of the 2015 ACM International Symposium on Wearable Computers*. UbiComp ’15. New York, NY, USA: ACM, 2015, pp. 1159–1167.
- David Lee, J. Felix, S. He, Dietmar Offenhuber, and Carlo Ratti. “CityEye: Real-Time Visual Dashboard for Managing Urban Services and Citizen Feedback Loops”. In: *Proceedings of the 14th International Conference on Computers in Urban Planning and Urban Management*. Cambridge, MA, 2015.
- 2014 Dietmar Offenhuber. “The Designer as Regulator – Design Patterns and Categorization in Citizen Feedback Systems”. In: *Proceedings of the 2014 Workshop on Big Data and Urban Informatics*. 2014 Workshop on Big Data and Urban Informatics. Chicago, IL, Aug. 15, 2014.
- Dietmar Offenhuber and Susanne Seitinger. “Over the Rainbow: Information Design for Low-Resolution Urban Displays”. In: *Proceedings of the 2nd Media Architecture Biennale Conference: World Cities*. ACM, 2014, pp. 40–47.
- David Lee, Dietmar Offenhuber, Assaf Biderman, and Carlo Ratti. “Learning from Tracking Waste: How Transparent Trash Networks Affect Sustainable Attitudes and Behavior”. In: *Internet of Things (WF-IoT), 2014 IEEE World Forum On*. IEEE, 2014, pp. 130–134.
- 2012 Dietmar Offenhuber and David Lee. “Putting the Informal on the Map: Tools for Participatory Waste Management”. In: *Proceedings of the 12th Participatory Design Conference: Exploratory Papers, Workshop Descriptions, Industry Cases-Volume 2*. 2012, pp. 13–16.
- 2008 Dietmar Offenhuber and Judith Donath. “Comment Flow - Visualizing Communication Along Network Path”. In: *Interface Cultures: Artistic Aspects of Interaction*. Ed. by Christa Sommerer and Laurent Mignonneau. 1st. Transcript, 2008.
- 2007 Drew Harry and Dietmar Offenhuber. “The Projects - Towards a Sociable Architecture for Virtual Worlds”. In: *Proceedings of the 2007 Conference on Designing for User eXperience*. DUX ’07. Chicago, Illinois, 2007.
- Amanda Parkes and Dietmar Offenhuber. “Dewy: A Condensation Display”. In: *ACM SIGGRAPH 2007 Posters*. SIGGRAPH ’07. San Diego, California: ACM, 2007.
- Paulina Modlitba, Dietmar Offenhuber, Moses Ting, Dido Tsigaridi, and Hiroshi Ishii. “TILTle: Exploring Dynamic Balance”. In: *Proceedings of the 2007 Conference on Designing for User eXperiences*. DUX ’07. New York, NY, USA: ACM, 2007, 10:2–10:7.
- 2006 Dietmar Offenhuber. “Moviemaps Revisited”. In: *ACM SIGGRAPH 2006 Sketches*. SIGGRAPH ’06. New York, NY, USA: ACM, 2006.

2002 Dietmar Offenhuber. “Wegzeit: The Geometry of Relative Distance”. In: *ACM Siggraph 2002 Sketches & Applications*. ACM Siggraph 2002. San Antonio, Texas: ACM, 2002, pp. 280–280.

REVIEWED BOOK CHAPTERS IN SCHOLARLY VOLUMES

Under Re-
view Dietmar Offenhuber. “Wasting to slow time - the materiality of informational waste”. In: *Waste as a Critique*. Ed. by Hervé Corvellec. Oxford University Press, In review.

2023 Dietmar Offenhuber. “Environment”. In: *Making with Data: Physical Design and Craft in a Data-Driven World*. Ed. by Samuel Huron, Till Nagel, Lora Oehlberg, and Wesley Willett. 1st edition. Boca Raton: A K Peters/CRC Press, Dec. 20, 2022, pp. 312–316.

Dietmar Offenhuber. “Staubmarke (Dustmark)”. In: *Making with Data: Physical Design and Craft in a Data-Driven World*. Ed. by Samuel Huron, Till Nagel, Lora Oehlberg, and Wesley Willett. 1st edition. Boca Raton: A K Peters/CRC Press, Dec. 20, 2022, pp. 359–368.

2022 Laura Perovich and Dietmar Offenhuber. “Data as Environment: Physicalization Strategies for Communicating Environmental Data.” In: *Making Data: Materializing Digital Information*. Ed. by Ian Gwilt. London: Bloomsbury Visual Arts, 2022, pp. 41–56.

2020 Sam Auinger and Dietmar Offenhuber. “The Plaza”. In: *The Bloomsbury Handbook of the Anthropology of Sound*. Ed. by Holger Schulze. Bloomsbury Academic, 2020, pp. 191–209.

Dietmar Offenhuber. “Data Materiality and Matters of Communication”. In: *Matters of Communication – Formen Und Materialitäten Gestalteter Kommunikation*. Ed. by Sabine Foraita, Bianca Herlo, and Axel Vogelsang. Bielefeld: Transcript, 2020, pp. 37–46.

Dietmar Offenhuber. “Towards Ethical Legibility”. In: *The Routledge Companion to Smart Cities*. Ed. by Katharine S. Willis and Alessandro Aurigi. 1 edition. Routledge, Mar. 27, 2020, pp. 210–224.

2019 Dietmar Offenhuber and Sam Auinger. “Politics of Sensing and Listening”. In: *Architecture and the Smart City*. Ed. by Sergio M. Figueiredo, Sukanya Krishnamurthy, and Torsten Schroeder. London: Routledge, Oct. 18, 2019.

Dietmar Offenhuber. “Tarzan vs. IBM: Value Paradigms of Urban Technologies”. In: *Urban Design Companion: A Sequel*. Ed. by Tridib Banerjee and Anastasia Loukaitou-Sideris. 1st. London: Routledge, 2019, pp. 535–548.

2017 Dietmar Offenhuber. “Sticky Data – Context and Friction in the Use of Urban Data Proxies”. In: *Data and the City*. Ed. by Rob Kitchin and Tracey P. Lauriault. New York: Routledge, 2017, p. 230.

- 2015 Dietmar Offenhuber and Orkan Telhan. “Indexical Visualization—the Data-Less Information Display”. In: *Ubiquitous Computing, Complexity and Culture*. Ed. by Ulrik Ekman, Jay David Bolter, Lily Diaz, Morten Søndergaard, and Maria Engberg. New York: Routledge, Dec. 2015, pp. 288–303.
- 2012 Dietmar Offenhuber. “Kuleshov’s Display: On Contextual Invisibility”. In: *Throughout: Art and Culture Emerging with Ubiquitous Computing*. Ed. by Ulrik Ekman. Cambridge, Mass.: MIT Press, 2012, pp. 431–442.
- Dietmar Offenhuber and Katja Schechtner, eds. *Inscribing a Square: Urban Data as Public Space*. Vienna, New York: Springer, Aug. 1, 2012. 96 pp.
- 2011 Dietmar Offenhuber, David Lee, Malima I. Wolf, Lewis Girod, Avid Boustani, Jennifer Dunham, Kristian Kloeckl, Eugenio Morello, Rex Britter, Assaf Biderman, and Carlo Ratti. “Urban Digestive Systems”. In: *Towards the Sentient City*. Ed. by Mark Shepard. Cambridge, Mass.: MIT Press, 2011, pp. 90–109.

BOOK CHAPTERS (INVITED)

- 2025 Dietmar Offenhuber. “Data dilemmas: the material and the imaginary”. In: *Practices of Futurecasting: Ways of sharing imagined tomorrows*. Ed. by Michael Shamiyeh. 1st edition. Boston: Birkhäuser, Jan. 15, 2025, pp. 190–199.
- 2022 Dietmar Offenhuber. “Dust”. In: *Museum of Exhalation*. Ed. by Orkan Telhan. Istanbul Foundation for Culture and Arts, Sept. 12, 2022, pp. 62–65.
- 2019 Dietmar Offenhuber. “Premium Places”. In: *How to Run a City Like Amazon, and Other Fables*. Ed. by Mark Graham, Rob Kitchin, Shannon Mattern, and Joe Shaw. Meatspace Press., 2019.
- Dietmar Offenhuber. “Destabilizing the Platform: Improvisation on the Electric Grid”. In: *Ways of Knowing Cities*. Ed. by Laura Kurgan and Dare Brawley. New York, NY: Columbia Books on Architecture and the City, Dec. 1, 2019.
- 2016 Dietmar Offenhuber. “Urban Entropy”. In: *What Urban Media Art Can Do: Why When Where and How?* Ed. by Susa Pop, Tanya Toft, Nerea Calvillo, and Mark Wright. Stuttgart: Av Edition, 2016, pp. 392–395.
- 2015 Dietmar Offenhuber. “Civic Technologies: Tools or Therapy?” In: *Post City: Habitats for the 21st Century*. Ed. by Gerfried Stocker, Christine Schöpf, and Hannes Leopoldseder. Ars Electronica. Berlin: Hatje Cantz, 2015, pp. 150–153.
- Sam Auinger and Dietmar Offenhuber. “Tuning Infrastructure”. In: *Überschreitungen II. Liquid Music*. Judenburg, July 2015.
- 2013 Dietmar Offenhuber and Carlo Ratti. “Mapping the Future”. In: *Connecting Minds, Crating the Future*. London: Touchline, 2013.
- Dietmar Offenhuber and Carlo Ratti. “Drei Mythen Über Smart Cities Und Big Data”. In: *Big Data: Das Neue Versprechen Der Allwissenheit*. Ed. by Heinrich Geiseler and Tobias Moorstedt. Edition Unseld. Berlin: Suhrkamp, 2013, pp. 149–

155.

- 2012 Dietmar Offenhuber. “On Infrastructure Legibility”. In: *Inscribing a Square: Urban Data as Public Space*. Vienna, New York: Springer, June 2012, pp. 25–29.
- 2008 Dietmar Offenhuber. “The Invisible Display – Design Strategies for Ambient Media in the Urban Context”. In: *Proc. of 2nd Workshop on Ambient Information Systems. Colocated with Ubicomp*. UBICOMP. Seoul, Korea, 2008.
- Drew Harry, Dietmar Offenhuber, and Judith Donath. “The Social Roles of Virtual Architecture”. In: *Space Between People: How the Virtual Changes Physical Architecture*. Ed. by Stephan Doesinger. Prestel, 2008.

ONLINE PUBLICATIONS AND BLOG POSTS (SELECTION)

- 2022 Dietmar Offenhuber. *New Elements - Analog Computing and the Environment*. Indices. Jan. 6, 2022. URL: <https://blog.offenhuber.net/new-elements-analog-computing-and-the-environment-ceba7b530635> (visited on 03/01/2022).
- 2020 Dietmar Offenhuber. *Material Traces as Autographic Visualizations*. Jan. 2020. URL: <https://medium.com/multiple-views-visualization-research-explained/material-traces-as-autographic-visualizations-e814662aa60f> (visited on 01/09/2020).
- 2019 Dietmar Offenhuber. *Amateur Visual Forensics and the View from Nowhere / Dietmar Offenhuber for the Shenzhen Biennale (UABB) 2019*. Oct. 11, 2019. URL: <https://www.archdaily.com/926365/amateur-visual-forensics-and-the-view-from-nowhere-dietmar-offenhuber-for-the-shenzhen-biennale-uabb-2019> (visited on 02/19/2020).
- 2016 Dietmar Offenhuber. *Cryptographic Heritage — Using Bitcoin to Store Cultural Evidence in Political Conflicts*. Apr. 2016. URL: <https://blog.offenhuber.net/cryptographic-heritage-1175ea39be59> (visited on 02/03/2017).
- Dietmar Offenhuber. *Cartographic Ethics: Oceania, the Truncated Continent*. June 2016. URL: <https://blog.offenhuber.net/cartographic-ethics-oceania-the-truncated-continent-54f918908d5> (visited on 02/03/2017).
- 2015 Dietmar Offenhuber. *A Dummy’s Guide to Mapping Daesh*. Nov. 2015. URL: <https://blog.offenhuber.net/a-dummy-s-guide-to-mapping-daesh-1a5caa157314> (visited on 02/03/2017).
- Dietmar Offenhuber. *The Most Geo-Tagged Place on Earth*. Nov. 2015. URL: <https://blog.offenhuber.net/the-most-geo-tagged-place-on-earth-fc76758cc505> (visited on 02/03/2017).

Reviews, Interviews (Selection, since 2013)

Excluding media coverage related to specific creative projects, which are listed in the following section.

BOOKS, JOURNALS, MAGAZINES

- 2023 Bruce Routledge. “An Archaeology of Traces”. In: *Cambridge Archaeological Journal* (Sept. 2023), pp. 1–14.
- 2021 Lukáš Likavčan and Paul Heinicker. “Planetary Diagrams: Towards an Autographic Theory of Climate Emergency”. In: *Photography Off the Scale: Technologies and Theories of the Mass Image*. Ed. by Tomáš Dvořák and Jussi Parikka. Edinburgh: Edinburgh University Press, 2021, pp. 211–230.
- 2020 Paul Heinicker and Lukáš Likavčan. *Counter-Earths - Planetary Models beyond Operational Images*. Tech. rep. EGU2020-11205. Copernicus Meetings, Mar. 2020. (Visited on 11/05/2020).
- Grace van Ness and Praksash Krishnan. “Art of the March: Archiving Aesthetics of the Women’s March—Interviews with Alessandra Renzi, Dietmar Offenhuber, Siqi Zhu, Christopher Pietsch and Navarjun Singh”. In: *Design and Political Dissent : Spaces, Visuals, Materialities*. Ed. by Jilly Traganou. Routledge, Oct. 27, 2020, pp. 81–95.
- Dietmar Offenhuber, Bruce Campbell, and Francesca Samsel. “Dietmar Offenhuber: Collaboration Via the Many Traces Our Data Sets Leave Behind”. In: *IEEE Computer Graphics and Applications* 40.5 (Sept. 2020), pp. 120–126.
- 2017 Peter Illetschko. “Stadtforscher Offenhuber Erhält Award Für Mülltracking-Studie”. In: *Der Standard* (Oct. 8, 2017). (Visited on 10/09/2017).
- 2015 Bernd Vasari. “Die Smart City ist tot”. In: *Wiener Zeitung* (Sept. 4, 2015), p. 19. (Visited on 09/06/2015).
- Wojciech Czaja. “Das lukrative Geschäft mit dem Müll”. In: *derStandard. Forschung* (Feb. 19, 2015), p. 11. (Visited on 12/31/2015).
- 2014 Rosemary Grant. “Dietmar Offenhuber: The Digital Urban Planner”. In: *Bridges* 42.12 (2014). (Visited on 12/23/2014).

RADIO INTERVIEWS, ONLINE PUBLICATIONS, AND PODCASTS

- 2024 Mario Schmidhumer. *Interdisciplinary Urban Studies and Data Art*. en-US. Jan. 2024. URL: <https://ars.electronica.art/aeblog/en/2024/01/23/interdisciplinary-urban-studies-and-data-art/> (visited on 01/25/2024).
- 2021 Paolo Ciuccarelli. *The Physical Life of Data*. The Visual Agency. Mar. 11, 2021. URL: <https://medium.com/the-visual-agency/the-physical-life-of-data-ba1fdfcc174b>

(visited on 04/22/2023).

- 2018 Katie Patrick. *High Tech Trash & Urban Legibility with Dietmar Offenhuber PhD*. How to Save the World. Aug. 15, 2018. URL: <https://medium.com/how-to-save-the-world-by-katie-patrick/high-tech-trash-urban-legibility-with-dietmar-offenhuber-phd-6837942d8a6c> (visited on 04/22/2023).
- 2017 Barbara Howard. "LISTEN: Saving The Signs From Boston's Women's March". In: *WGBH News* (Jan. 23, 2017). (Visited on 01/24/2017).
- 2016 Moscow Urban Forum. *Dietmar Offenhuber: over 90% of all enquiries and complaints come from about 1% of people*. Aug. 1, 2016. URL: <https://archsovet.msk.ru/en/article/city/dietmar-offenhuber-over-90-of-all-enquiries-and-complaints-come-from-about-1-of-people> (visited on 04/17/2023).

Creative Works (Selected)

Work Summary since 2013, full exhibition list in next section

- 2023 *Navigating the Sky*
AI-generated animation and data visualization
Co-authored with Azra Aksamija
<https://www.steiermarkschau.at/en/exhibitions/mobile-pavilion/art>

Exhibitions:

Atmospheres - Art, climate and space research

Steiermark Schau 2023

Mobile Pavillion, Vienna, Austria, Mar. 23 – Apr. 4

Diversity of Life, Schloss Herberstein, Apr. 29 – May 11

Austrian Cultural Forum New York Nov. 14 - Jan. 7, 2024

Massachusetts Institute of Technology

Media coverage and reviews:

Universalmuseum Joanneum. *The immersive exhibition 'Atmospheres – Art, Climate and Space Research' from Austria was opened in the Austrian Cultural Forum New York*. Nov. 2023. URL: <https://www.museum-joanneum.at/the-immersive-exhibition-atmospheres-art-climate-and-space-research-from-austria-was-opened-in-the-austrian-cultural-forum> (visited on 01/25/2024).

- 2021 *New Elements*
Exhibition and symposium
New Tretyakov Gallery, Moscow
Co-curated with Daria Parkhomenko
<https://laboratoria.art/en/new-elements/>
Nov. 17 2021 - Feb. 25 2022

Supported by the British Council, Goethe Institut, the Austrian Foreign Ministry, the Japan Foundation, the Embassy of Finland, and Kaspersky; Artists: Memo Akten (Turkey – UK), Ralf Baecker (Germany), Erich Berger (Finland), Ilya Fedotov-Fedorov (Russia), Thomas Feuerstein (Austria), Forensic Architecture (UK), Ryoichi Kurokawa (Japan), Tuula Narhinen (Finland), Anna Ridler (UK), Tomas Saraceno (Argentina), Theresa Schubert (Germany), Aki Inomata (Japan).

2020

Berlin_Lokal_Zeit

Archival, exhibition and public space project
Initiated by Sam Auinger & Dietmar Offenhuber
CLB Gallery Berlin

<https://berlinlokalzeit.de>

22 Nov 2020 - 28 Feb 2021

Artists: Kim Albrecht, Sam Auinger, Ingrid Beirer, Peter Cusack, Eliot Felde, Maren Hartmann, Martina Huber, Almut Hüfler, Susanne Jaschko, Max Joy, katrinem, Udo Noll, Dietmar Offenhuber, Nika Radić, Ursula Rogg, Sven Sappelt, Holger Schulze, Paul Scraton, Georg Spehr, Zoe Spehr, Hannes Strobl, Linh Hoang Thuy

2019-22

A Flitting Atlas of the Human Gaze

Interactive installation

co-authored with Jeffrey Schnapp, Todd Linkner, and Kevin Brewster
Exhibition *Curatorial A(i)gents*, Harvard Art Museum

<https://mlml.io/p/a-flitting-atlas-of-the-human-gaze/>

Mar. 1 – Jul. 3, 2022

2019

Ozone Tattoo

Plant-based visualization, public space installation

<https://www.untoldpossibilities.org/ozonetattoo>

Partners:

Dr. Vehram Elagoz, Lesley University, Dr. Kent Burkey, USDA ARS Maryland

Awards:

Winner Falling Walls Award, Art & Science Category

Exhibitions:

Untold Possibilities at the Last Minute, Cambridge Council for the Arts
re:constructing evidence, Boston Cyberarts Gallery

Media coverage and reviews:

Jürgen Mlynek. *Dietmar Offenhuber's "Ozone Tattoo": The Utilization of Indicator Plants to Monitor Ground-Level Ozone*. 2023. URL: <https://falling-walls.>

[com/discover/articles/dietmar-offenhubers-ozone-tattoo-the-utilization-of-indicator-plants-to-monitor-ground-level-ozone/](https://www.discovermagazine.com/discover/articles/dietmar-offenhubers-ozone-tattoo-the-utilization-of-indicator-plants-to-monitor-ground-level-ozone/) (visited on 09/24/2023).

Gina Lindner. *WENT THERE: World Memory, The Art of Data Visualization*. Boston Hassle. May 14, 2019. URL: <https://bostonhassle.com/went-there-world-memory-the-art-of-data-visualization/> (visited on 04/16/2023).

2019

Operant Conditioning

Bird-house in the shape of a functional Skinner Box.

Collaboration with Azra Aksamija.

Exhibition *For the Birds*, Landesklinikum Hollabrunn

curated by by Claudia Märzendorfer

<http://claudiamaerzendorfer.com/en/for-the-birds-2/>

since June 2019

2018

Staubmarke (Dustmark)

Material visualization, public space installation Commissioned by Drehmoment Festival, Stuttgart.

<https://dust.zone>

Exhibitions:

Staub, Drehmoment Festival, Stuttgart, curated by Benjamin Heidersberger

World Memory, the Art of Data Visualization, Boston Cyberarts Gallery

Media coverage and reviews:

Gina Lindner. *WENT THERE: World Memory, The Art of Data Visualization*. Boston Hassle. May 14, 2019. URL: <https://bostonhassle.com/went-there-world-memory-the-art-of-data-visualization/> (visited on 04/16/2023).

KulturRegion Stuttgart. *Stuttgart – Michael Saup, Dietmar Offenhuber*. Dec. 19, 2018. URL: <https://www.kulturregion-stuttgart.de/was/rueckblick-projekte/drehmoment/stuttgart-michael-saup-dietmar-offenhuber> (visited on 01/15/2019).

luftdaten.info. *Drehmoment 2018 in Der Region Stuttgart*. 2018. URL: <https://luftdaten.info/2018/09/25/drehmoment-2018-in-der-region-stuttgart/> (visited on 01/15/2019).

Khalida Sarwari. “He Came up with a Way to Make Data Tangible and Exciting”. In: *News @ Northeastern* (Dec. 2018). URL: <https://news.northeastern.edu/2018/12/18/heres-one-way-to-make-data-tangible-and-exciting/> (visited on 01/15/2019).

2017

Art of the March

Tactical preservation / visualization Collection and preservation of 6000 protest signs from the Boston Women’s March 2017; development of participatory visualization and analysis platform.

collaboration with Nathan Felde and Alessandra Renzi

Media coverage and reviews:

Chris Lovett. “Preserving the ”Art of the March””. In: *BNN News*. Boston Neighborhood Network News, Feb. 8, 2018. URL: https://www.youtube.com/watch?v=ZpVajf_fJME (visited on 09/28/2023).

WGBH News. “Are Protest Signs And Mementos Meaningful Trash Or Historical Treasures?” In: *Under The Radar* (2018).

Jeremy Rellosa. “You Can Now See The Posters From Boston’s Women’s March Online”. In: *WBUR Artery* (Jan. 22, 2018). URL: <https://www.wbur.org/artery/2018/01/22/womens-march-poster-archive> (visited on 12/19/2018).

Cristela Guerra. “Yard Signs Channel the Fears — and Hopes — of a Fraught Era”. In: *Boston Globe* (Mar. 28, 2017). (Visited on 04/17/2017).

Collin Binkley. *Sign of the times: Signs from women’s marches being saved*. Standard-Times. Jan. 2017. URL: <https://www.gosanangelo.com/story/news/politics/2017/01/26/sign-times-signs-womens-marches-being-saved/97097456/> (visited on 04/17/2023).

Nicole Fleming. “Volunteers Begin to Sort through Signs from Women’s March”. In: *The Boston Globe* (Jan. 4, 2017). (Visited on 04/04/2017).

Emily DeRuy. “What Happens to Those Handmade Posters From the Women’s Marches”. In: *The Atlantic* (2017). (Visited on 01/25/2017).

Steve Annear. “Professors Stash Boston Women’s March Rally Signs to Preserve a Piece of History”. In: *The Boston Globe* (Jan. 23, 2017). (Visited on 01/23/2017).

Emily DeRuy. *Boston’s New Accidental Archive of Protest Posters*. Jan. 26, 2017. URL: <https://www.citylab.com/navigator/2017/01/what-happens-to-those-handmade-posters-from-the-womens-marches/514469/> (visited on 02/02/2017).

Fernanda Zamudio-Suaréz. “In Discarded Women’s March Signs, Professors Saw a Chance to Save History”. In: *The Chronicle of Higher Education* (Jan. 24, 2017). URL: <http://www.chronicle.com/article/In-Discarded-Women-s-March/238987/> (visited on 04/07/2017).

2017

LA Noise Array

Visualization / urban sensing

collaboration with Philips Lighting and the City of Los Angeles. I advised the deployment of 30 noise sensors mounted on streetlights in Los Angeles

<http://noisearray.org>

Media coverage and reviews:

LuxReview. *LA Installs Street Light Sensors That Can Hear Car Crashes*. Sept. 26, 2016. URL: <http://luxreview.com/article/2016/09/la-installs-street-light-sensors-that-can-hear-car-crashes> (visited on 04/11/2017).

Business Wire. *The City of Los Angeles and Philips Lighting Pilot New Pathway to Smart City Utilizing Connected Street Lighting Infrastructure*. Sept. 19, 2016. URL: <http://www.businesswire.com/news/home/20160919005078/en/City-Los-Angeles->

[Philips-Lighting-pilot-pathway](#) (visited on 04/17/2017).

Aurel Niculescu. *Los Angeles Is Listening to Car Crashes....* Nov. 21, 2016. URL: <http://www.inautonews.com/los-angeles-is-listening-to-car-crashes> (visited on 02/02/2017).

2016

Urban Radiance

Visualization project Expanding the “Sticky Data” book chapter, the site allows exploring temporal change in yearly night light mosaics based on data collected by DMSP military weather satellites.

<http://azmar.org/radiance>

Exhibitions:

Metamorphoses IEEE VIS Arts Exhibition, 2016, Baltimore

Visualizing Cities UN Habitat III, Quito 2016

Press:

Philips Lighting. *Urban Radiance - The Future of Light*. Feb. 10, 2017. URL: <http://www.futureoflight.philips.com/home/environment/urban-radiance.html> (visited on 02/10/2017).

2015

Urban Entropy

Media facade project

Created during a residency at Ars Electronica for the *connecting cities conference* and the *soundframe* festival.

Exhibitions:

Ars Electronica 2015, Linz

soundframe 2015, Vienna

Press:

APA science. *Ars Electronica: Bürger-Beschwerden Auf Der AEC-Fassade*. Sept. 2015. URL: https://science.apa.at/site/kultur_und_gesellschaft/detail.html?key=SCI_20150904_SCI39351351625203640 (visited on 09/10/2015).

Salzburger Nachrichten. “Ars Electronica: Bürger-Beschwerden Auf Der AEC-Fassade”. In: *Salzburger Nachrichten* (Sept. 4, 2015). (Visited on 04/14/2017).

orf futurezone. *Ars Electronica: Bürgerbeschwerden Auf Fassaden*. Apr. 9, 2015. URL: <http://futurezone.at/digital-life/ars-electronica-buergerbeschwerden-auf-fassaden/150.817.617> (visited on 09/05/2015).

Der Standard. “Ars Electronica: Bürger-Beschwerden Auf Der AEC-Fassade”. In: *Der Standard* (2015). (Visited on 09/05/2015).

2015

Manila Improstructure

Mapping project

Collaboration with Katja Schechtner and the department of urban design at TU Wien.

Exhibitions:

Post city Ars Electronica Festival 2015, Linz

The Urban Future exhibition, Technisches Museum Vienna.

Installation at the Seoul Biennale of Architecture and Urbanism 2019

Press:

Dan Hill. "The Social and the Democratic, in the Social Democratic European City". In: *Straatwaarden Atelier*. Ed. by Riemer Knoop. Vol. 3. Reinwardt Academie. Amsterdam: Reinwardt Academie, May 23, 2016. URL: http://www.reinwardtcommunity.nl/image/2016/6/13/readerco_design_def_lr.pdf (visited on 04/17/2017).

Maik Novotny. "Zukunft Ohne Masterplan". In: *derStandard* (Sept. 5, 2015). URL: <http://derstandard.at/2000021748947/Zukunft-ohne-Masterplan> (visited on 09/06/2015).

2014

Sorting Out Cities

Geovisualization, Animation

Exhibition *Geocosmos*

National Museum of Emerging Science and Innovation, Tokyo.

Press:

Magdalena Sick-Leitner. *Sorting Out Cities*. 2015. URL: <http://www.aec.at/aeblog/2015/02/26/sorting-out-cities/> (visited on 02/26/2015).

Chronological List of Exhibitions, Festivals, Screenings

WORKS IN COLLECTIONS

Index DVD edition 034, VISIONARY - Contemporary Short Documentaries and Experimental Films from Austria, Medienwerkstatt Wien and sixpackfilm

Stadtmusik 05, Edition Medienturm, Kunstverein Medienturm, Graz

Light Cone, international distributor for experimental film and video art (films in distribution: *besenbahn*, *Please stand back!*, *Paths of g*).

Sixpackfilm, international distributor for experimental film and video art (films in distribution: *besenbahn*, *mauerpark*, *Please stand back!*, *Paths of g*, *Kapitel 3*).

SOLO EXHIBITIONS

2010

Dust Serenade, MIT Museum

collaboration with Orkan Telhan and Markus Decker. Dec 13-24, 2010

2005

Stadtmusik, Dietmar Offenhuber & TAMTAM

MuseumsQuartier, Vienna, Austria Dec 11-Jan 22, 2005

GROUP EXHIBITIONS

- 2023 *Diversity of Life* Steiermark Schau 2023, Wien, Austria
traveling exhibition Vienna, Schloss Herberstein, New York Cultural Forum
co-authored with Azra Aksamija
- 2022 "A Flitting Atlas of the Human Gaze" *Curatorial A(i)gents*
Harvard Museum Lightbox Gallery, Mar. 1 – Jul. 3, 2022
co-authored with Jeffrey Schnapp, Todd Linkner, and Kevin Brewster
- 2021 Core collaborator on *Displaced Empire: Al Azraq Refugee Camp, Jordan*,
La Biennale Di Venezia 2021 (with Future Heritage Lab)
- 2020 *Berlin Lokal Zeit* CLB Gallery Berlin, DE 22 Nov 2020 - 28 Feb 2021
- 2019 *Collective City* 2019 Seoul Biennale of Architecture and Urbanism, Seoul. Sep 7-Nov
10
re:constructing evidence, Cyberarts Gallery Boston. Sep 20–Oct 25
Untold Possibilities at the Last Minute, Cambridge Council for the Arts. May 20-Oct
4
For the Birds, Hollabrunn. permanent exhibition *World Memory: The Art of Data
Visualization*, Boston Cyberarts Gallery. Mar 30-May 5
- 2018 *Staub*, Drehmoment Festival, Stuttgart Oct. 4.- 28. 2018
VISAP'18 (IEEE VIS 2018 Arts Program), Berlin
- 2016 *Metamorphoses*, IEEE VIS 2016 Arts Program, Baltimore. Oct 23-28.
Visualizing Cities - Habitat III, Quito. Oct 17-20.
- 2015 The Armory Show 2015, New York City. Mar 5-8. (with Chris Riedl, Nick Beauchamp)
Post City - Ars Electronica 2015, Linz, Austria, Sep 3-7.
Data Improvisations, IEEE VIS Visual Arts Program, UIC Chicago. Oct 27-30.
- 2014 *Sorting Out Cities*, The National Museum of Emerging Science and Innovation (Mi-
raikan), Tokyo, Japan
Sorting Out Cities, Ars Electronica Center, Linz
Electronic Sound in a Shifting Landscape, DAZIBAO - Centre de photographies actuelles,
Montreal, Canada. Jul 18-Sep 13
Abstraktion und Metapher – Kunst zwischen den Polen, Forum Konkrete Kunst, Er-
furt, Germany. May 10.-Jun 29.
- 2012 *DUST*, Laboratoria Art & Science Space, Moscow, Russia. Apr 13-Jul 15. (with Orkan
Telhan, Markus Decker)
Collective Wisdom National Taiwan Museum of Fine Arts Taichung, Taiwan. Nov
16-Dec 23. (with Senseable City Lab)
Sensing Place, Haus für Elektronische Künste, Basel, Switzerland. Aug 31-Nov 11.(with
Senseable City Lab)
- 2011 *Talk to me* Museum of Modern Art in New York. Jul 24–Nov 7
(with Senseable City Lab)

- 2010 *FILE - Electronic Language International Festival*, São Paulo, Brazil. Aug 2 -29. (with Markus Decker, Ushi Reiter)
- 2009 *CINEPLEX - Eperimentalfilme aus Österreich*, Wiener Seession, Vienna, Austria. Sep 11 – Nov 8.
Uncharted: User Frames in Media Arts, Santral Istanbul, Turkey. Mar 21- Aug 16. (with Markus Decker)
Human Nature – Ars Electronica 2009. Sep 3-8. (with Sam Auinger and Hannes Strobl)
Bewegende Räume Haus der Architektur, Graz, Austria. Jan 29-Mar 1 (with Sam Auinger and Hannes Strobl)
- 2008 *Homo Ludens Ludens*, Laboral Centro de Arte y Creación Industrial, Gijon, Spain. Apr 18-Sep 22 (with Drew Harry, Orkan Telhan)
Sonar 2008, Barcelona, Spain. Jun 16-18. (with Sam Auinger and Hannes Strobl)
ABSTRACTS OF SYN (III), Kunstverein Medienturm, Graz, Austria. Jan 19-Mar 18.
Biennale Cuvée, OK Centrum, Linz, Austria. Mar 3 - May 2. (with Sam Auinger and Hannes Strobl)
Sam Auinger & Friends, OK Centrum Linz, Austria . Nov 23- Feb 3. (with Sam Auinger and Hannes Strobl)
Touch me, Feel better! Zagreb, Croatia. Dec 19-23. (with Markus Decker)
- 2007 *Collision Collective 11*, Boston, 2007 (with Amanda Parkes)
Public Secrets, Stadtgalerie Wels
Abstracts of SYN, ARGE Kunst Galerie Museum, Bolzano
- 2006 *Seoul International Media Art Biennale*, Seoul Museum of Art (SeMA), Seoul, South Korea
Digital Transit, Museo Municipal de Arte Contemporáneo de Madrid, Madrid, Spain
Tekenlust / Drawinglust Kunsthalle Lophem, Loppem-Zedelgem, Belgium
- 2005 *Re:modern*, Künstlerhaus Vienna, Austria
Randonnée (A Walk Through 21st Century Landscaping), Sonar 2005, Barcelona, Spain (with Nina Wenhart)
BLANK – Urbane Zwischenräume Steirischer Herbst, Graz, Austria
LOCUS LOPEM, Kunsthalle Lophem - Belgium
Galerie Tesla, Berlin, Germany (with Sam Auinger and Hannes Strobl)
Liquid Music 06, Judenburg, Austria (with Sam Auinger and Hannes Strobl)
Climax Taiwan
- 2004 *INNENräumeAUSSENstädte*, Zentrum für Kunst und Medien (ZKM), Karlsruhe, Germany
Sonar 2004, Barcelona, Spain
Interactions Art / Technology, Museum of the Moving Image, New York
- 2003 *Constructed life - ZKM International Media art award*, Karlsruhe, Germany
Kunsthalle Projectspace, Wien
Sonar 2003, Barcelona, Spain

- Videoarbeiten* Tiroler Künstlerschaft, Innsbruck, Austria
- 2002 ISEA 02, Nagoya, Japan
Liquid Music 02, Judenburg
- 2001 *Ars Electronica On-screen Gallery*, Linz, Austria
Artimage - Biennale of media and architecture, Graz, Austria *Design Austria -Adolf Loospreis*, Looshaus, Vienna, Austria
- 2000 VRML-ART 2000, Monterey, US
Liquid Music Festival, Judenburg
File Festival, São Paulo
Ars Electronica 2000, Linz, Austria
- 1999 Transcinema, Blasthaus Gallery, San Francisco
Ars Electronica Center, Linz
Skopje Electronic Art Fair 99, Skopje
- 1998 Ars Electronica 98

Festivals and Screenings

MOST SIGNIFICANT

- 2013 *Breaking Ground: 60 Years of Austrian Experimental Cinema*
Centre Georges Pompidou, Paris, France
- 2012 *Breaking Ground*, Anthology Film Archives, New York, NY
Breaking Ground, Los Angeles Filmforum, CA
Breaking Ground, Image Forum Festival, Tokyo, Japan
- 2010 *STREETS*, BAWAG Contemporary, Vienna, Austria
- 2009 *Animation Breakdown Study Day*, Tate Modern, London, UK
- 2008 *Sundance Film Festival*, Park City, Utah
Hongkong International Filmfestival, Hongkong, China
Transmediale 08, Berlin, Germany
- 2007 *12th International Media Art Biennale WRO 07*, Wroclav, Poland
- 2004 *25. Filmfestival Max Ophüls Award*, Saarbrücken
International Film Festival, Mumbai
- 2003 *Transmediale Award 03*, Berlin, Germany
ZKM International Media Art Award, Karlsruhe
- 2002 *SONAR Randonné*, Barcelona
ArteTV Television Broadcast, Europe-wide
- 1999 *SIGGRAPH Computer Animation Festival*, Los Angeles, California

SCREENINGS

- 2023 Millennium Film Workshop, New York City
RPM Festival 23 Boston
- 2018 *Impact - critical and creative views on media culture*. Utrecht, NL
- 2017 *Regensburger Kurzfilmwoche 2017*, Regensburg, Germany
- 2016 *Breaking Ground*, Cinemateque, Tel Aviv
- 2015 *Sound:frame* Festival, Vienna, Austria
- 2014 *Light Cone présente: Propagandes de guerre, le jour le plus court*, French nationwide short film festival.
Breaking Ground, Moscow Museum of Modern Art
- 2013 *Breaking Ground*, Kinematek, Copenhagen, Denmark
BAFICI -Buenos Aires Independent Film Festival, Buenos Aires, Argentina
Le collectif BLAST, Angers, France. 3rd April 2014
- 2012 *Semana de Cine Experimental*, Madrid
Slovenska Kinoteka, Ljubljana
Filmhaus-Kino
14.Backup Festival, Weimar, Germany
- 2011 *TW1 - Kunstraum feature: Stadtmusik* (Television Broadcast)
Mire cinéma expérimental et images en mouvement, March 9th, Nantes, France
- 2010 *Experimental Intermedia – Twentieth Annual Festival with no fancy name*, NY City, curator: Phil Niblock / Katherine Liberovskaya
Sharing Art, Boras Konstmuseum, Gothenburg, Sweden
Animationsfilm 10 Mixtura Grande, Metro-Kino Vienna, Austria
- 2009 *Cinematics Festival 09*, Brussels, 20-29 Nov 2009
Impakt Festival, Utrecht, NL, 17. Oct. 2009
Cinefantom / Evento Biennial Bordeaux, FR, Oct. 09
9th Lille International Short Film Festival, Oct. 09
2nd Biennal Canarias, Santa Cruz/Tenerifa, 5. Mar. 09
VISIONary - Innovativer Film aus Österreich; Tourprogramm
architectones, Arc-et-senans, FR, 3.-5. Jul. 09
- 2008 *Atelier Graphoui*, Brussels
EX-NOW Experimental Film and Video Festival, Sept. 2008, Seoul
Invideo, 18. Nov. 2008, Milano
Light-Cone, 17.-20.9. Paris
International Festival of Animated Films, Oct.23. 2008, Vilnius
Internationales Videofestival Bochum
A Sixpack Space Odyssee II, Vienna
La Casa Ecendida / Contemp. Art, Madrid
SoundART 2008

SK Stiftung der Sparkasse Köln
Abstracta Film Festival 2008, Rom, Cairo, New York

2007

European Media Art Festival 2007, Osnabrück
Nocturne 2, MUTEK Festival, Montreal
Amsterdam Film Experience, Amsterdam
Videonale 11, Bochum
12th Biennial of Moving Images, Geneva
Microwave Festival, Hongkong
Public Secrets, Stadtgalerie Wels
Resfest, Vienna
London International Animation Festival
Electrofringe festival, Melbourne
Framing Locations 21.2. 2007, Vienna
Diagonale 07, Graz
12th International Media Art Biennale WRO 07, Wroclav
Melbourne International Animation Festival 2007
Crossing Europe 2007, Linz

2006

Lille 7th International Short Film Festival, France
Ars Electronica 2006, Linz
Crossing Europe 2006, Linz
Diagonale 06, Graz
Liquid Music 06, Judenburg
BALKANIMA festival 2006, Belgrade

2005

10th Rencontres Internationales Paris/Berlin
Sonar 2005, Barcelona
Climax Festival, Taipei
Architekturzentrum Wien, Vienna

2004

34. Short Film Festival, Tampere
Museum of the Moving Image, New York
Ars Electronica 2004, Linz

2003

Transmediale 03, Berlin
VIDEOEXperimental, Zürich
COURTisane, Ghent
Video Festival, Dallas
52. International Film Festival, Melbourne
International Film Festival, La Rochelle
exground on screen 2003, Wiesbaden
Cucalorus Annual, Wilmington
International Media Art Biennale Wroclaw
19. Internationales Kurzfilm Festival, Hamburg
Nemo Festival, Paris

2002 *Diagonale 02*, Graz, Austria
Internationales Filmfest Dresden 02
European Media Art Festival, Osnabrück
ICAF, Maribor, Slovenia
Archipelago Filmfestival, Rome, Italy
Soundlandsight 02, Filmarchiv, Vienna, Austria
ISEA 02, Nagoya, Japan

1999 *New York Animation Festival 99*
Diagonale 99, Graz
Darklight Filmfestival, Dublin
Seoul Cyberfilmfestival, Seoul
Ars Electronica 99, Linz
Art Futura 99, Madrid

1998 *European Cultural Month*, Linz

Lectures, Presentations, Panels

KEYNOTE LECTURES (SINCE 2013)

02/12/22 Opening Keynote, *New Elements Symposium*
New Tretyakov Gallery Moscow, RU

09/25/20 "Data Autographies - Design and Evidence after the Digital Revolution",
Smart Environments, University of Virginia

11/16/18 "Sensory Accountability", *Matters of Communication*,
Annual Meeting of the German Society for Design Theory, Karlsruhe, DE

05/24/18 "Data Bricolage - Mc Gyvering Data Infrastructures",
Make ... Cooperative Futures Symposium, Linz, AT

09/18/17 "Values and Ideologies of Urban Technologies",
Conference on Working Class Districts, FH Vienna, AT

02/09/17 "Decoding the City," *Crossovers Conference*, Rotterdam, NL

04/21/16 "A Case for Accountability-oriented Design"
Design and the City Conference. Amsterdam, NL

09/03/15 "Manila Improstructure" *Connecting Cities*, Ars Electronica, Linz, AT

05/24/13 "Legibility from Below - Tools of Accountability" *Hybrid City*, Athens

INVITED TALKS (SINCE 2013)

03/26/24 *Existência Numérica*, Exhibition Symposium, Oi Futuro, Rio de Janeiro

- 11/17/23 *REGENERATE - A Critical Intersection of AI, Urbanism, and Climate Change*, Norman B. Leventhal Center for Advanced Urbanism, MIT
- 11/08/23 *Autographic Design - A conversation with Lev Manovich and Dietmar Offenhuber*, Harvard Metalab in collaboration with FU Berlin
- 05/11/23 *Sharing Desired Futures*, UNESCO Conference, Linz, AT
- 04/07/23 "Synthetic Users, Statistically Equivalent" *Urbanism after Data*, University of Virginia School of Architecture
- 02/02/23 "Autographic Design and the Limits of Data-driven Decisionmaking" *AE8 - 8th International Architecture and Environment Symposium on Decision Support in Urban Social-Ecological Systems*, TU Wien, AT
- 09/26/22 "Autographics – Design for a Self-inscribing World" *Design Lecture Series*, San Jose State University
- 01/31/22 "Data Autographies" - *Dis/Entangling Perspectives in Material Research*, Humboldt Universität Berlin, DE
- 10/27/20 "Data Autographies - Material Readings of Urban Data Infrastructures" Princeton Metropolis Initiative, Princeton University
- 12/07/19 "The Platform and The Bricoleur", *Tokyo Forum 2019 - Shaping the Future*, University of Tokyo, JP
- 05/01/19 "Dust.zone – Does Matter Communicate?" *Art New England*, Cyberarts Gallery Boston
- 05/21/19 "Enabling Civic Imagination", *Prix Bloxhub symposium*, Copenhagen, DK
- 02/12/19 "Autographic Visualization – Traces, Symptoms, Evidence" *BostonCHI*, Google, Cambridge
- 12/04/18 "Sensory Accountability – Data Beyond the Symbolic Sandbox" Columbia Graduate School of Architecture and Planning
- 02/09/18 "Platform Man and the Bricoleur" *Ways of Knowing Cities*, Columbia University
- 05/24/17 "Commoning the Smart City", City of Eindhoven, NL
- 11/03/16 *Transmedia Matters? Researching (Electronic) Waste*, Haus der Elektronischen Künste, Basel, CH
- 10/27/16 *Digital Technology for Heritage Preservation*, Graduate School of Architecture and Planning, Columbia University
- 09/25/16 "Tuning Infrastructure," *Murmuration Festival*, St. Louis, MO
- 07/01/16 Garage Museum of Contemporary Art, Moscow, RU
- 03/25/16 "Improvising infrastructure", *Cairo Makerfaire* American University, Cairo, EG
- 12/08/15 "Sticky Data, Superstitious Patterns: Visualization Beyond Cognitivism", Wesleyan University, Dept. of Art and Art History
- 11/14/15 *art+bits festival*, Katowice, Poland, PL

- 11/04/15 “Sticky Data, Superstitious Patterns: Visualization Beyond Cognitivism”, The New School/Parsons New York
- 09/26/15 ”Improstructure,” Symposium “In the Shadow of the Megacity”, Cooper Union, New York
- 04/17/15 “The pigeon in the haystack - design before and after the fact”, *Data across Scales*, Harvard GSD, Cambridge
- 11/07/14 Decoding the City, Mason gross School of the Arts, Rutgers University
- 05/21/14 Invited lecture at the Federal University of Pernambuco, BR
- 02/25/14 “Decoding the city” Zürich Hochschule der Künste, Zurich, CH
- 11/21/13 “Big Data and Cities - Towards Data-driven Governance”, *ITU Telecom World*, Bangkok, TH
- 06/13/13 Federal University of Pernambuco, Recife, BR

CONFERENCE TALKS (SELECTION, SINCE 2013)

- 04/24/23 *Making with Data (and beyond)* ACM CHI conference 2023, Hamburg, DE
- 07/01/21 ”Distancing Interfaces” *Futures Implied*, Media Architecture Biennale 20, Utrecht, NL
- 09/11/20 ”Curatorial A(I)gents,” *Metalab@Ars Electronica 2020*, Ars Electronica 2020, Linz, AT
- 11/17/18 “Politics of Soundscapes”, *15th Architectural Humanities Research Association International Conference*, Eindhoven, NL
- 10/25/18 “Art of the March”, IEEE Visualization Conference, Berlin, DE
- 10/13/17 “LA Noise Array - Urban Planning Lessons from a Noise Sensor Network” ACSP Conference, Denver
- 04/21/17 “Data, Design, Decision”, Radcliffe Institute, Harvard University
- 10/28/16 VISAP’16 Panel Discussion on “Critical Visualization”, IEEE VIS, Baltimore
- 06/25/16 Conference organization and opening lecture, *Indexical Design - Opening Lecture*. Northeastern University
- 03/19/16 *Aisthesis and the Common: Reconfiguring the Public Sphere*, McGill University, Montreal, CA
- 02/26/16 “Tuning Space — Current Perspectives on Urban Sound Research.” *Transcultural Exchange*, Boston University
- 10/26/15 IEEE VisWeek Art Program, Art Institute Chicago
- 05/29/15 International Open Data Conference 2015, Ottawa, CA
- 05/23/15 “Wann ist Rauschen ein Signal?” interdisziplinäre Tagung zu Kulturgeschichte & Architekturpraxis des Auditiven, Humboldt Universität Berlin, DE

- 03/14/15 “Civic Technologies - Tools or Therapy?”
The data made me do it Symposium, UC Berkeley
- 02/27/15 *The Biases of Data Session*, After Empirical Urbanism Symposium, University of Toronto
- 06/20/13 Information Design and Data Visualization Boston 2013
- PANELS, SEMINARS, WORKSHOPS (SELECTION, SINCE 2013)**
- 04/04/24 Institute for People and Technology, Georgia Tech, GVU Lecture Series
- 03/11/24 Open Lab Seminar series, Cultural Data Analytics Lab, Tallinn University
- 09/17-09/22/23 Research Seminar *Visualization and the Humanities: Towards a Shared Research Agenda*, Schloss Dagstuhl, Leibniz Center for Informatics, DE
- 03/01/23 ”Data, Rhetoric, and Data Visualization across Cultures” Panel presentation with Loh Pei Ying, Jessica Bellamy, Attila Bátorfy. Worcester Polytechnic Institute
- 01/25/23 ”Autographic Design”, Seminar talk, Experimentelle Gestaltung Neuer Technologien, Hochschule für Künste Bremen, DE
- 04/17/22 Boston Design Week - Design for Assembly: Public Spaces and Community Engagement. Panel discussion with Ezio Manzini, Beth Noveck, Dietmar Offenhuber
- 06/26-7/01/22 Research Seminar (remote) *Visualization Empowerment: How to Teach and Learn Data Visualization*, Schloss Dagstuhl, Leibniz Center for Informatics, DE
- 03/2022 “Autographics” Vis Lab Invited Talk, Khoury School of Computer Science, Northeastern University
- 01/28/21 ”The Physical Life of Data” Northeastern Center for Design
- 24/11/20 Panelist, ”Die Codierte Stadt” Metropolengespräche Berlin, with Ralf-Martin Soe & Lenora de Beaurepaire da Silva
- 12/12/20 *Data cultures and smart cities*, Seminar Talk, Research Unit in Public Cultures, University of Melbourne, AU
- 02/02/19 Panelist, “Civic Imagination” Night of Ideas, San Francisco Public Library
- 10/20/18 Seminar talk, “Maps as Traces: Visual Languages in their Social Context” Woodrow Wilson School of Public Policy, Princeton University
- 10/28-11/02/18 Research Seminar *Data Physicalization*, Schloss Dagstuhl, Leibniz Center for Informatics, DE
- 03/23/18 Seminar talk, “Waste is Information” Knight Science Journalism Fellowship seminar series, MIT
- 11/28/16 Workshop organizer, UNDP Innoforum 2016, Chisinau, Moldova
- 09/21/16 Seminar talk, Smarter Crowdsourcing - Zika: Trash and Standing Water - Online Conference, Inter-american Development Bank and NYU Governance Lab

- 06/30/16 Panel presentation and moderation, Moscow Urban Forum 2016, RU
- 06/10/16 Panel talk, “Doing data differently: How are new sources of data shaping and changing our environment” UNDP, Istanbul, TK
- 05/02/16 Panel talk, Urban Intermedia: the City between Experience and Information. Radcliffe Institute, Harvard University
- 04/28/15 Panel discussion, “Cities by Design”, with Lev Manovich, Robert Pietrusko and Eve Blau, Harvard GSD
- 06/03/14 Panel talk, “Open Source Urbanism” at the Boston Society of Architects / Urban Design Committee with Nigel Jacob and Alicia Rouault
- 05/15/14 Panel discussion at the conference “The Future City”, Karlsruhe Institute of Technology, DE
- 12/05/13 Book Talk, “Accountability Technologies” MIT Media Lab

Awards and Honors

- 2023 *Finalist / Winner, Breakthrough of the year Art & Science, Falling Walls Foundation*
- Fellow, Ars Electronica Founding Lab, Institute of Digital Sciences Austria / IT:U Interdisciplinary Transformation University Austria, Linz*
- Honorable mention, 2023 CHI Conference on Human Factors in Computing Systems*
- 2021 *2020 Best Paper Award for IEEE Computer Graphics and Applications, IEEE CG&A Journal*
- 2019 *Princeton-Mellon Fellowship, Princeton University, \$75,000*
The Princeton-Mellon Initiative in Architecture, Urbanism, and the Humanities is a highly competitive interdisciplinary fellowship program supported by the Andrew W. Mellon Foundation, involving a one year visiting position at the Princeton School of Architecture.
- 2018 *Beryl Radin Award (Honorable Mention) for the Best Article in Journal of Public Administration Research and Theory (JPART)*
- 2017 *Austrian Scientists in North America (ASciNA) Award 2017, Austrian Ministry for Science & Research, category Young Principal Investigator €10,000*
The ASciNA Award, endowed by the Austrian Federal Ministry of Education, Science and Research (BMBWF) with prize money of €10,000 (Junior Principal Investigator), as well as two times €7,500 (Young Scientist), Award winners are selected by the Austrian Science Fund FWF on the basis of an international peer review.
Typography Award, Communication Arts Magazine (collaboration with Thomas Starr and Pedro Cruz)

- 2015 *Artist in Residence*, Connecting Cities Network — Ars Electronica Futurelab, Linz, Austria
Outstanding Dissertation Award, Department of Urban Studies and Planning, MIT
Highest annual award for a urban studies and planning dissertation at MIT
Nomination for the ACSP Barclay Gibbs Jones Award for Best National Dissertation in Planning
- 2013 *Best Article of 2012 Award*, American Planning Association (APA)
- 2012 *Finalist, KATERVA Sustainability Innovation Award*
- 2011 *MIT Carroll L. Wilson Award Fellowship* 2011
Winner International Visualization Challenge, Category Non-Interactive Visualization, National Science Foundation (NSF), for Trash / Track
- 2010 *Honorary Mention, File Prix Lux 2010*, Category Electronic Sonority, São Paulo, for Dust till Dawn
- 2007 *Jury Award, Melbourne International Animation Festival 2007*, for paths of g
Special Mention, 12th International Media Art Biennale WRO 07, for mauerpark
Semifinalist Honors, National Science Foundation (NSF) International Visualization Challenge, for Comment Flow
- 2004 *Japan Foundation Fellowship*, IAMAS Institute, Gifu, Japan
- 2003 *Artist in Residence, EMARE Fellowship*, Werkleitz Gesellschaft, Halle, Germany
Finalist FEIDAD Award for Digital Architecture in two categories, Taiwan
Art Directors Club Silver Award, New Media category for imagining the city
Nomination (50 best) ZKM International Media Art Award, for besenbahn
Honorary Mention, Transmediale Award, Category Image for besenbahn
- 2001 *Adolf Loos Award for Design / Joseph Binder Award* for Unit M with Gerfried Stocker and Joachim Smetschka

Grants and Awards

EXTERNAL, FUNDED

- 2019 *Princeton-Mellon Fellowship*, Princeton University, \$75,000
- 2016 \$13,700.00 Research Sponsorship, Philips Lighting
- 2014 \$43,000.00 Research Sponsorship, Philips Color Kinetics

EXTERNAL, NOT FUNDED

- 2023 Trustees of Reservations and Northeastern University Partnership Development for Public Education about Environmental Change, PI, National Science Foundation(NSF)
- 2021 Minding the WASTEGAP(s) Sharing Knowledge to Foster Resilient Communities, PI, National Science Foundation(NSF)
- 2019 SCC-IRG Track 1: Modernizing the Science and Management of Sidewalks: Capitalizing on and Responding to Emergent Technologies, co-PI, National Science Foundation(NSF)
- 2018 Resilience Storytelling: Communicating the Impact of Climate Change on Food Systems, PI, National Endowment For The Humanities(NEH)
 Plugging the 'leak' of post-consumer plastic from Indonesian Cities | exploring partnerships with the informal sector in Surabaya, PI, Indonesia Solid Waste Association(InSWA)
 Response to Beta Blocks RFP: Building an Inclusive Relational Infrastructure for Smart Cities Initiatives in Boston, co-PI, City of Boston - Miscellaneous(CBM)
 Modernizing the Science and Management of Pedestrian Spaces: Capitalizing on and Responding to Emergent Technologies, co-PI, National Science Foundation(NSF)

INTERNAL

- 2022 \$9,628.00 CAMD Strategic Seed Grant Program
- 2021 \$4,920.00 A touch of air - Material Perspectives on Contagion (with Laura Perovich)
 \$9,915.00 A Touch of Air - CAMD Research, Scholarship, and Creative Activity Summer Support Grant
- 2020 \$5,000.00 Tox Watch: Designing and Studying Networked Public Interest Research Events on Enforcement of US Environmental Regulations. (with Sara Wylie & Lourdes Vera)
- 2019 Dean's Research Fellow for Data Storytelling, Visualization and Communication
- 2017 \$18,000.00 CAMD Faculty Development Grant + NULab Seedling Grant, "Art of the March" (June 1, 2017 - December 1, 2017), Co-PI (with Alessandra Renzi, Nathan Felde).
- 2016 \$50,000.00 TIER 1, "Social Resilience through Information and Communication Technologies in Rio de Janeiro's Conflict Zones", Northeastern University, FY17-50, Dietmar, Offenhuber, Art+Design, Public Policy and Urban Affairs, Co-PI, Active Award. (sub: January 19, 2016, start: July 1, 2016, end: September 30, 2017).
 \$50,000.00 TIER 1, "Catalyzing Youth Advocacy through Interactive Social Network Visualizations", Northeastern University, FY17-53, Dietmar, Offenhuber, Art+Design, Public Policy and Urban Affairs, Co-PI, Active Award. (sub: January 19, 2016, start: July 1, 2016, end: September 30, 2017).

- 2015 \$3,000.00 CAMD Faculty Development Grant, “Manila Improstructure” (June 1, 2015 - September 1, 2015).
 \$50,000.00 TIER 1, “Extracting and Visualizing Multi-Dimensional Text Networks: Tools for Structural Reading and Text Exploration”, Northeastern University, FY15-99, Dietmar, Offenhuber, Art + Design/ Sociology and Anthropology, Co-PI, Active Award. (sub: February 3, 2014, start: July 1, 2014, end: June 30, 2015).
- 2014 \$3,000.00 CAMD Faculty Development Grant, “Forager – sorting out informal waste collection.” (December 1, 2013 - June 1, 2014).

Teaching

- Sp 2023 INAM 7900, CAMD PhD Research Seminar
- Sp 2022 ARTE 6976, Graduate Directed Study
- Fa 2021 ARTG 7996, Thesis Continuation
- Su 2021 ARTE 6976, Graduate Directed Study
 ARTE 6976, Graduate Directed Study
 ARTE 6976, Graduate Directed Study
- Sp 2021 INSH 5302, Information Design & Visual Analytics
 ARTG 7910, Design Project and Exhibition
 ARTE 6976, Graduate Directed Study
- Sp 2020 ARC 524, Making Legible: Environmental Sensing and the Materiality of Measurement (Princeton School of Architecture)
- Su 2019 ARTG 7996, Thesis Continuation
- Sp 2019 INSH 2102, Bostonography (co-taught with Benjamin Schmidt)
 ARTG 7990, Thesis
 PPUA 6410, Urban Informatics Portfolio
- Fa 2018 ARTG 5320, Statistics for Designers
 ARTH 6976, Directed Study
- Su 2018 ARTE 6984, Research
- Sp 2018 ARTG 7990, Thesis
 ARTG 7996, Thesis Continuation
 ARTH 6976, Directed Study
 PPUA 5302, Information Design & Visual Analytics
 PPUA 5410, Urban Informatics Portfolio
- Fa 2017 ARTH 6976, Directed Study
 ARTE 7990, Thesis
- Su 2017 ARTH 6976, Directed Study
- Sp 2017 ARTG 5120, Information Design Research Methods

Su 2016	ARTH 6976, Directed Study
Sp 2016	ARTG 5120, Information Design Research Methods ARTH 6976, Directed Study
Fa 2016	DSSH 6302, Information Design & Visual Analytics ARTH 6976 01, Directed Study
Fa 2015	ARTG 6330, Information Design Mapping Strategies DSSH 6302, Information Design & Visual Analytics
Su 2015	ARTH 6976, Directed Study
Fa 2014	ARTG 5120, Information Design Research Methods
Sp 2014	ARTG 6100, Information Design Studio 2 PPUA 5262, Big Data for Cities – Data Mining Strategies PPUA 6400, Planning Module: Urban Policy
Fa 2013	ARTG 5120, Information Design Research Methods

Master Students Advised

CAMD, Art + Design

2020-21	Yuke Li
2018-19	Qingyue Li Yi-Chia Cheng
2017-18	Lorenzo Scarpelli Liuhuaying Yang
2016-17	Andrew Tang Jinni Luo
2015-16	Moret, Skye Xiangyi, Fu Chen, Xiabin
2014-15	Sun, Liangchuan Masri, Rania

PhD Students advised

At Northeastern

Graduated

2021-2024	Gloria Schmitz (committee)
2018-2022	Lourdes Vera (committee)

2017-2021	Armin Akhavan (committee)
	Current
since 2021	Skye Moret (committee)
since 2022	Jules Rochielle (advisor)
since 2023	Bolor Amgalan (advisor)
	Paula Martin Rivero (advisor)
	Fisiha Likke (co-advisor)
since 2024	Sebastian Gonzales Quintero (advisor)
	Chucho Ocampo Aquillar (advisor)

At other Institutions

Current

Stephanie Zeller - University of Texas, Austin (Reader)
Erin McAuliffe - Polytecnico di Milano (Evaluator)

Graduated

2021	Sara Lenzi - Polytecnico di Milano
	Santi Romina – Evaluator, Polytecnico di Milano
	Michele Melazzini – Evaluator, Polytecnico di Milano
	Martina Mazarello - Evaluator, Polytecnico di Milano
2020	Kristefan Minski – University of Newcastle, Australia
2019	David Calas - Technical University Wien, Austria
2016	Isabel Glogger - Art University Linz, Austria

Service and Professional Development

SERVICE TO THE INSTITUTION

2022-2023	Chair, Department of Art + Design (86 full-time faculty members) <i>Led department reorganization into two divisions of design and creative media; led development of undergraduate design curriculum revision; led development of modular fundamentals courses and large-section undergraduate courses; hired 42 full-time faculty in 3 campuses (T,TT,NTT); Oversaw planning and implementation of several undergraduate and graduate degrees (XR, undergraduate, graduate; IDDV and XD MFA revisions; MS IDDV Vancouver; Combined Design and GSND in Oakland); Programmed a room-scheduling software used in the department; Created a service dashboard for faculty based on a Provost's office initiative</i>
2021-2022	Interim Chair, Department of Art + Design (60+ full-time faculty members)

- 2018-2019 Search Committee Chair, Tenure Track Position, Art + Design
Search Committee Member, Urban Informatics Search, successful search
Search Committee Member, Assistant Teaching Professor Art + Design
Graduate Coordinator position
- 2017-2018 Member of the PhD program development committee, CAMD
- 2016-2017 Search Committee Member, Chair of the Department of Art+Design
- Since 2016 Co-director Northeastern Visualization Initiative (together with Michelle Borkin from computer science). Curating and coordinating NUVIS Lecture series.
- 2015-2016 Search Committee Member, Digital Humanities Cluster Hire, 2-3 positions
- 2014-2015 Curriculum development, core team member, Data Science Certificate
- 2014-2015 Search Committee Member, two Information Design and Visualization positions, Successful Search.
- 2013-2014 Curriculum development, MS Urban Informatics program
- 2013-2014 Search Committee Member, Information Design and Data Driven Urbanism Position, Senior Candidate, Successful Search.
- 2013-2018 Graduate coordinator, Department of Art + Design
Program coordinator, Master of Fine Arts in Information Design and Visualization
Duties: curriculum development; hiring adjunct faculty; program promotion; lecture series coordination; coordinating student events; recruiting prospective students; program website development, content development, and maintenance; leading admission and portfolio review; serving as first point of contact for graduate students.

SERVICE TO THE DISCIPLINE AND PROFESSION

- 2023 Co-chair, Presentation Track together with Miriah Meyer, *Information+ Conference*
Edinburgh Co-chair, Conference Track, *Valuing the qualitative in design and data*,
Design Research Society Conference
- 2021 Workgroup Leader, "Representational Strategies" (with Joy Mountford) *Future of Design Education*, led by Don Norman and Meredith Davis
Panel Organizer, "The physical life of data" Northeastern Center for Design
- 2020 Jury Member, Prix Ars Electronica, Digital Communities
- 2018 Jury Member, Prix Ars Electronica, Digital Communities
- 2016 Organizer, International Symposium *Indexical Design: the Experience of Information and Materiality of Data*, Fenway Center, Northeastern University.
- 2015 Panel Organizer *Sensing Place / Placing Sense 3: Improstructure*, Ars Electronica 2015. Co-curated with Katja Schechter.
- 2013 Workshop Organizer, *Technologies for Self-organized Waste Systems*, Department of Urban Studies and Planning, MIT

- 2012 Co-organizer International Symposium *Sensing Place / Placing Sense 2: Accountability Technologies* Ars Electronica 2012, Architekturforum Oberösterreich. (with Katja Schechter).
- 2012 Jury Member, Prix Ars Electronica, Hybrid Art
- 2011 Jury Member, Prix Ars Electronica, Hybrid Art
Co-organizer International Symposium & Exhibition *Sensing Place / Placing Sense Ars Electronica 2011*, Architekturforum Oberösterreich. (with Katja Schechter).
- 2009 Organizer International Symposium *The Scent of Information*, Art University Linz, Feb. 13-14, 2009

SERVICE TO THE COMMUNITY

- 2021 Co-curator Exhibition & Symposium "New Elements" New Tretyakov Gallery Moscow, together with Daria Parkhomenko
- 2020 BERLIN LOKAL ZEIT, exhibition and public art project, CLB Gallery Berlin Kreuzberg, Nov 20. Co-curator& Initiator together with Sam Auinger
Public lecture series, *Princeton Mellon Forum Fall 2020*, "What do "we" want the post-pandemic city to be?" Co-curator with Anu Ramaswami
- 2019 Co-organizer public conference and workshop, *City Sounds / City Atmospheres*, DAAD Berlin (with Sam Auinger).
- 2016 Public workshop *Inclusive recycling after the hype*, co-organized with Anne Scheinberg and Cecilia Loschiavo. Pakhuis, Amsterdam.

ACADEMIC REVIEWER & PROGRAM COMMITTEES

- 2023 Program Committee Member, Visual Arts Program IEEE Vis; Book Manuscript Reviewer for MIT Press; Reviewer Environment & Planning B
- 2022 Tenure Case Reviewer; Reviewer Design Research Society Conference; Reviewer Information Design Journal; Reviewer IEEE VIS Conference; Reviewer IEEE Visual Arts Program IEEE Vis Conference; Reviewer IEEE Transactions on Visualization and Computer Graphics Journal; Reviewer ACM Transactions on Computer-Human Interaction Journal
- 2021 Tenure review; Mid-tenure track review; Book Manuscript Reviewer CRC Press; Book Manuscript Reviewer RIT Press; Reviewer Creativity & Cognition Conference; PhD Thesis Reviewer, Polytecnico di Milano; Reviewer Media Architecture Biennale (ACM Conference); Program Committee Member, Visual Arts Program IEEE Vis
- 2020 Reviewer IEEE VISAP Conference; Reviewer Urban Studies Journal; Reviewer ACM Siggraph Conference; PhD Thesis reviewer, University of Newcastle; Reviewer Leonardo

Journal; Book Manuscript Reviewer Bristol University Press; Reviewer Environment and Planning B; Reviewer Cultural & Social History Journal; Reviewer Computer Graphics & Applications Journal; Reviewer ACM Artificial Intelligence in Music, Sound, Art and Design Conference

2019 Reviewer Journal of Regional Studies; Reviewer information design journal; Program Committee Member, Visual Arts Program IEEE Vis; Grant Reviewer, UCLA Department of Urban and Regional Planning

2018 Reviewer, Cities Journal; Program Committee Member, ACM Media Architecture Biennale; Program Committee Member, Information+ Conference; Program Committee Member, Visual Arts Program IEEE Vis

2017 Program Committee Member, Visual Arts Program IEEE Vis; Reviewer, Journal of Urban Affairs; Reviewer, PloS ONE; Program Committee Member, Boston Area Research Initiative Conference

2016 Reviewer, CHI 2017; Reviewer, grant program Research Foundation Flanders (FWO).

2015 Program Committee Member, Hybrid City, Athens, 2015; Program Committee Member, MediaCity 5: Social Smart Cities, Plymouth, UK; Program Committee Member, 4th International IEEE Symposium on Pervasive Displays 2015, Saarbrücken, Germany; Reviewer, PLoS ONE; Tenure Review Letter;

2014 Associate Editor, Big Data 2014 Conference, Cambridge, MA; Program Committee Member, City Labs 2014, Barcelona; Reviewer for Swiss National Science Foundation, Humanities and Social Sciences (Division I); Jury Member, Harvard Innovation Challenge on Cities; Program Committee Member, Media Architecture Biennale, Aarhus; Reviewer, Policy & Internet Journal, Oxford; Reviewer, SIGGRAPH 2014; Reviewer, Waste Management & Research Journal

2013 Program Committee Member, Hybrid City, Athens; Reviewer, IEEE Internet and Computing Journal; Reviewer, Management Research Review; Program Committee Member, MediaCity 4, Buffalo; Program Committee Member, 2nd International Symposium on Pervasive Displays, Bay Area; Tenure Review Letter, Massachusetts Institute of Technology

PROFESSIONAL MEMBERSHIPS

American Association for the Advancement of Science (AAAS)

Association for Computing Machinery (ACM)

Scholars Strategy Network (SSN)

Austrian Scientists and Scholars in North America (ASCINA)

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