

CV Dietmar Offenhuber

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Cambridge MA 02139
d.offenhuber@northeastern.edu

Education:

- 2009–2014 **PhD in Urban Studies and Planning, Massachusetts Institute of Technology, Cambridge, MA**
Department of Urban Studies and Planning
Dissertation Title: “Participatory Infrastructure Monitoring: Design Factors and Limitations of Accountability Technologies”
Outstanding PhD Dissertation Award 2014, Department of Urban Studies and Planning
- 2006–2008 **MSc in Media Arts and Sciences, Massachusetts Institute of Technology, Cambridge, MA**
MIT Media Lab, Sociable Media Group
Thesis title: “Transformative copy”, Advisor Judith Donath, PhD
- 1992–2002 **Diplom-Ingenieur of Architecture, Vienna University of Technology, Vienna, Austria**
School of Architecture and Planning
Thesis title: “Wegzeit – the geometry of relative distance”

Employment History (Academic):

- Since 2013 **Assistant Professor, Northeastern University, Boston, MA**
Department of Art + Design, College of Arts, Media and Design (75%)
School of Public Policy and Urban Affairs, College of Social Sciences and Humanities (25%)
Coordinator, MFA Information Design and Visualization
Co-director, Northeastern Visualization Initiative (NUVIS)
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/Teaching Assistant/Instructor, Massachusetts Institute of Technology, Cambridge, MA**
Department of Urban Studies and Planning
MIT Senseable City Lab
- 2007–2009 **Professor, Art University Linz, Austria**
Department of Interface Culture
Non-tenured position

- 2006–2008 **Graduate Research Assistant/Instructor, Massachusetts Institute of Technology, Cambridge, MA**
The Media Lab, Sociable Media Group
- 2004–2006 **Professor, Upper Austrian University of Applied Sciences in Hagenberg, Austria**
Faculty in program of media technology and design (undergraduate), digital media (graduate). Courses taught in computer animation, data visualization, and interactive media design.
- Spring 2001 **Lecturer, Art University Linz, Austria**
Studio Course: Embrace the Swarm, with Michael Shamiyeh
- Spring 2000 **Lecturer, University of Applied Sciences in Hagenberg, Austria**
Studio Course: Game Modification, with Andreas Jalsovec

Employment History (Professional Practice and Research):

- Since 2016 Advisor, United Nations Development Programme (UNDP)
Mentoring two pilot projects in Moldova and Kosovo
- 2007–2009 Key Researcher for Visualization, Ludwig Boltzmann Institute for Media Art Research, Linz, Austria
- 2002–2004 Key Researcher & Leader of the Interactive Space Group, Ars Electronica Futurelab, Linz, Austria
- 1995–2002 Core Team Member, Ars Electronica Futurelab, Linz, Austria

Scholarship (Publications):

Books:

Scholarly Monographs:

- 2017 Offenhuber, Dietmar. 2017. *Waste is Information – Infrastructure Legibility and Governance*. Cambridge, Mass.: MIT Press.

Edited Volumes:

- 2014 Offenhuber, Dietmar, and Carlo Ratti, eds. 2014. *Decoding the city — urbanism in the age of big data*. Berlin: Birkhäuser
This book has been translated to German, Chinese, and Korean
- 2013 Offenhuber, Dietmar, and Katja Schechtner, eds. 2013. *Accountability Technologies: Tools for Asking Hard Questions*. Vienna: Ambra V.
- 2012 Offenhuber, Dietmar, and Katja Schechtner, eds. 2012. *Inscribing a Square: Urban Data as Public Space*. Vienna, New York: Springer.

Articles in Academic Journals (Peer reviewed):

- 2018 Offenhuber, Dietmar. 2018. “Maps of Daesh – the Cartographic Warfare Surrounding Insurgent Statehood.” *GeoHumanities*.
- 2018 Offenhuber, Dietmar, Katja Schechtner. 2018. “Improstructure - an

- Improvisational Perspective on Smart Infrastructure Governance.” *Cities*.
- 2017 O’Brien, Daniel, Dietmar Offenhuber, Jesse Baldwin-Philippi, Melissa Sands, Eric Gordon. 2017. “Uncharted Territoriality in Coproduction: The Behavioral Bases of 311 Reporting” *Journal of Public Administration Research and Theory* 27 (2): 320-35.
- 2014 Offenhuber, Dietmar. 2014. “Infrastructure Legibility—a Comparative Analysis of open311-Based Citizen Feedback Systems.” *Cambridge Journal of Regions, Economy and Society* 8 (1): 93–112.
- 2013 Offenhuber, Dietmar, Malima I. Wolf, and Carlo Ratti. 2013. “Trash Track — Active Location Sensing for Evaluating E-waste Transportation.” *Waste Management & Research* 31 (2): 150-59.
- Nabian, Nashid, Dietmar Offenhuber, Anthony Vanky, and Carlo Ratti. 2013. “Data Dimension: Accessing Urban Data and Making It Accessible.” *Proceedings of the ICE - Urban Design and Planning* 166 (1): 60–75.
- Phithakkitnukoon, Santi, Malima I. Wolf, Dietmar Offenhuber, David Lee, Assaf Biderman, and Carlo Ratti. 2013. “Tracking Trash”, *IEEE Pervasive Computing* 12 (2): 38-48.
- 2012 Offenhuber, Dietmar. 2012. “Patterns of Choice: The Prix Ars Electronica Jury Sessions.” *Leonardo* 45 (3): 226–232.
- Offenhuber, Dietmar, David Lee, Malima I. Wolf, Santi Phithakkitnukoon, Assaf Biderman, and Carlo Ratti. 2012. “Putting Matter in Place.” *Journal of the American Planning Association* 78 (2): 173–196.
- Award:
Best Article of 2012, American Planning Association
- Rosenbloom, Sandra. 2013. “‘Waste’ Paper Wins JAPA Article of the Year.” *Planning* 3/2013
- 2011 Boustani, Avid, Lewis Girod, Dietmar Offenhuber, Rex Britter, Malima I. Wolf, David Lee, Stephen B. Miles, Assaf Biderman, and Carlo Ratti. 2011. “Investigation of the Waste-removal Chain Through Pervasive Computing.” *IBM Journal of Research and Development* 55 (1/2).
- 2010 Offenhuber, Dietmar. 2010. “Visual Anecdote.” *Leonardo* 43 (4): 367–374.
- 2009 Vande Moere, Andrew, and Dietmar Offenhuber. 2009. “Beyond Ambient Display: A Contextual Taxonomy of Alternative Information Display.” *International Journal of Ambient Computing and Intelligence* 1 (2): 39–46.
- 2005 Offenhuber, Dietmar. 2005 “Wegzeit - the Geometry of Relative Distance.” *Vectors Journal* 1 (2). <http://vectors.usc.edu/issues/index.php?issue=2>

Articles in Professional Journals (Peer-reviewed):

- 2017 Auinger, Sam, and Dietmar Offenhuber. 2017. “Auditory Space - its Limitations and its Materiality.” *Graz Architecture Magazine*, no. 13: 48–59.
- 2011 Offenhuber, Dietmar. 2011. “IOOO – the Internet of Obsolete Objects.” *Volume* 28, 169-171.

Conference Papers (Peer-reviewed):

- 2015 Lee, David, J. Felix, S. He, Dietmar Offenhuber, and Carlo Ratti. 2015. “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.

- Lee, David, Dietmar Offenhuber, Lucia Helena Xavier, and Carlo Ratti. 2015. "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*, 1159–67. UbiComp '15. New York, NY, USA: ACM.
- 2014 Offenhuber, Dietmar, and Susanne Seitinger. 2014. "Over the Rainbow: Information Design for Low-Resolution Urban Displays." In *Proceedings of the 2nd Media Architecture Biennale Conference: World Cities*, 40–47. New York: Association for Computing Machinery.
- Offenhuber, Dietmar. 2014. "The Designer as Regulator – Design Patterns and Categorization in Citizen Feedback Systems." In *Proceedings of the 2014 Workshop on Big Data and Urban Informatics*, 158-83. Chicago, IL.
- Lee, David, Dietmar Offenhuber, Assaf Biderman, and Carlo Ratti. 2014. "Learning from Tracking Waste: How Transparent Trash Networks Affect Sustainable Attitudes and Behavior." In *2014 IEEE World Forum on Internet of Things (WF-IoT)*, 130–34. IEEE.
- 2012 Offenhuber, Dietmar, and David Lee. 2012. "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*, 13–16. ACM.
- 2008 Offenhuber, Dietmar. 2008. "The Invisible Display-Design Strategies for Ambient Media in the Urban Context." In *International Workshop on Ambient Information Systems, Colocated with Ubicomp*.
- 2007 Harry, Drew, Dietmar Offenhuber, Judith Donath. 2007. "The Projects - Towards a Sociable Architecture for Virtual Worlds." In *Proceedings of the 2007 Conference on Designing for User eXperience*. Chicago, Illinois.
- Parkes, Amanda, and Dietmar Offenhuber. 2007. "Dewy: a Condensation Display." In *ACM SIGGRAPH 2007 Posters*, 44.
- Modlitba, Paulina, Dietmar Offenhuber, Moses Ting, Dido Tsigaridi, and Hiroshi Ishii. 2007. "TILTle: Exploring Dynamic Balance." In *Proceedings of the 2007 Conference on Designing for User experiences*, 10:2–10:7. DUX '07. New York, NY, USA: ACM.
- 2006 Offenhuber, Dietmar. 2006. "Moviemaps Revisited." In *SIGGRAPH 2006 Sketches & Applications*, 87. Boston, Massachusetts: ACM.
- 2002 Offenhuber, Dietmar. 2002. "Wegzeit: The Geometry of Relative Distance." In *ACM SIGGRAPH 2002 Sketches & Applications*, 280–280. San Antonio, Texas: ACM.

Book Chapters in Scholarly Volumes (Peer-reviewed):

- In press Offenhuber, Dietmar. Accepted for publication. "Simplification and Superstition: Theory versus Pattern-driven Inquiry." In *After Empirical Urbanism*. ed. Michael Piper et al. New York: Routledge.
- 2017 Offenhuber, Dietmar. 2017. "Sticky data - context and friction in the use of urban data proxies." In *Data and the City*. ed. Rob Kitchin, Tracey P. Lauriault, and Gavin McArdle. New York: Routledge.
- 2015 Offenhuber, Dietmar, and Orkan Telhan. 2015. "Indexical Visualization—the Data-Less Information Display." In *Ubiquitous Computing, Complexity and Culture*. ed.

- Ulrik Ekman, Jay David Bolter, Lily Diaz, Morten Søndergaard, and Maria Engberg, 286-300. New York: Routledge.
- 2012 Offenhuber, Dietmar, and Carlo Ratti. 2012. "Reading the City — Reconsidering Kevin Lynch's Notion of Legibility in the Digital Age." In *The Digital Turn - Design in the Era of Interactive Technologies*. ed. Zane Berzina, Barbara Junge, Wim Westerveld, and Carola Zwick. 216-223. Zürich: Park Books.
- Review:
Landes, Josepha. 2013. "Rezension - The Digital Turn." *Bauwelt*. December. <http://bit.ly/2puCQDR> (in German)
- Offenhuber, Dietmar. 2012. "Kuleshov's Display: On Contextual Invisibility." In *Throughout: Art and Culture Emerging with Ubiquitous Computing*, ed. Ulrik Ekman, 431-42. Cambridge, Mass.: MIT Press.
- 2011 Offenhuber, Dietmar, David Lee, Malima I. Wolf, Lewis Girod, Avid Boustani, Jennifer Dunham, Kristian Kloeckl, et al. 2011. "Urban Digestive Systems." In *Towards the Sentient City*, ed. Mark Shepard, 90-109. Cambridge, Mass.: MIT Press.

Book Chapters (invited):

- 2017 Offenhuber, Dietmar. 2016. "The Transactionalization of Infrastructure as a Case for Accountability- Oriented Design." Design and the City Conference, Amsterdam. (conference publication)
- 2015 Offenhuber, Dietmar. 2015. "Civic Technologies: Tools or Therapy?" In *Post City: Habitats for the 21st Century*, ed. Gerfried Stocker, Christine Schöpf, and Hannes Leopoldeder, 150-53. Ars Electronica. Berlin: Hatje Cantz. (festival catalog)
- Offenhuber, Dietmar, Moritz Stefaner, Evelyn Münster, Jaume Nualart, and Gerhard Dirmoser. 2015. "Mapping the Archive: Prix Ars Electronica" In *Atlas of Knowledge: Anyone Can Map*. ed. Katy Börner, 132-33. Cambridge, MA: MIT Press.
- Auinger, Sam, and Dietmar Offenhuber. 2015. "Tuning Infrastructure." In *Überschreitungen II. Liquid Music*. Judenburg. (festival catalog, German)
- 2013 Offenhuber, Dietmar, and Carlo Ratti. 2013. "Drei Mythen über Smart Cities und Big Data." In *Big Data: das neue Versprechen der Allwissenheit (Edition Unseld)*. ed. Heinrich Geiselberger, Tobias Moorstedt. Berlin: Suhrkamp.
- Reviews:
Halfmann, Roman. 2014. "Big Data Und Die Folgen - Zwei Aufsatzsammlungen Nehmen Sich des Themas Datenschutz an." *Literaturkritik.de*. February 4. <http://bit.ly/2onldnG> (in German)
- Bleisch, Barbara. 2013. "Lesen Statt Surfen: Bücher zur Digitalen Gegenwart." Schweizer Radio Und Fernsehen (SRF). December 21. <http://bit.ly/1cIq9Xr> (in German)
- 2008 Offenhuber, Dietmar, and Judith Donath. 2008. "Comment Flow - Visualizing Communication Along Network Path." In *Interface Cultures: Artistic Aspects of Interaction*, ed. Christa Sommerer and Laurent Mignonneau. Bielefeld: Transcript.
- Review:
Schedifka, Therese, and Frank-Jan van Lunteren, eds. 2013. *Digital Visual Culture 2*. New Media Studies 7. Utrecht.
- 2008 Harry, Drew, Dietmar Offenhuber, and Judith Donath. 2008. "The Social Roles of Virtual Architecture." In *Space Between People: How the Virtual Changes Physical*

Architecture. ed. Stephan Doesinger. Prestel.

- 2002 Offenhuber, Dietmar. 2002. "Wegzeit - the geometry of relative distance," in Yu-Tung Liu (ed.), *Developing Digital Architecture FEIDAD Award 2002*, Basel: Birkhäuser.

Blog Posts (self-published):

- 2016 Offenhuber, Dietmar. 2016. "Cartographic ethics: Oceania, the truncated continent." *Medium*. June 13. <http://bit.ly/2oww2J2> (2.4k views 8/17)
- Offenhuber, Dietmar. 2016. "Cryptographic Heritage — using Bitcoin to store cultural evidence in political conflicts" *Medium*. April 3. <http://bit.ly/2pivcg4> (1k views 8/17)
- Offenhuber, Dietmar. 2015. "The Most Geo-Tagged Place on Earth." *Medium*. November 28. <http://bit.ly/2prC7pZ> (1.6k views 8/17)
- Offenhuber, Dietmar. 2015. "A Dummy's Guide to Mapping Daesh." *Medium*. November 25. <http://bit.ly/2prMnyc> (7.7k views, 8/17)

Reviews, Interviews (selection, since 2013):

Reviews and interviews concerning specific publications and creative works are included in the respective publication and the creative work summary sections

Newsprint, Magazines

- 2017 Guerra, Cristela. 2017. "Yard Signs Channel the Fears — and Hopes — of a Fraught Era." *Boston Globe*, March 28.
- 2015 Vasari, Bernd. 2015. "Die Smart City ist tot." *Wiener Zeitung*, Sept 4. (in German)
- Czaja, Wojciech. 2015. "Das lukrative Geschäft mit dem Müll." *derStandard*, February 19, sec. Forschung (in German)
- 2014 Grant, Rosemary. 2014. "Dietmar Offenhuber: The Digital Urban Planner." *Bridges* 42 (12).

Radio interviews, Online publications, and Podcasts

- 2016 Stefaner, Moritz, and Enrico Bertini. 2016. "Indexical Visualization with Dietmar Offenhuber." *Data Stories Podcast*. Accessed October 8. <http://bit.ly/2nW1W1b>
- Garrison, Chad. 2016. "Murmuration Spotlight: Dietmar Offenhuber on the Art and Annoyance of Urban Soundscapes." *Cortex*. September. <http://bit.ly/2cfkvFJ>
- Archcouncil Moscow. 2016. "Dietmar Offenhuber: Over 90% of All Enquiries and Complaints Come from about 1% of People." *Architectural Council of Moscow*. August 1. <http://bit.ly/2oHCgBg>
- 2015 Folta, Maciej. 2015. "Offenhuber: Śmierć Smart City?" *Respublica*. November 30. <http://bit.ly/1O7sYUu> (in Polish)
- EL_News. 2015. "Boston Civic Media: Metrics & Methods Conference | Session 2: Methods." *Engagement Lab Blog*. December 8. <http://bit.ly/2pH5THH>
- Stefaner, Moritz, and Enrico Bertini. 2015. "Smart Cities with Dietmar Offenhuber." *Data Stories Podcast*. Accessed March 19. <http://bit.ly/2oGvPS3>
- Ross, Eleanor. 2015. "From Manchester to Barcelona: Europe's Smartest Cities Put Citizens First." *The Guardian*, October 14, sec. Media Network.

<http://bit.ly/1X3puJt>

Schacht, Johannes. 2015. "Smart City oder Smart Citizen: Die Zukunft Der Städte Auf Der Ars Electronica 2015." Heise Online. July 9. <http://bit.ly/2paNZgd> (in German)

2013 Breitband. 2013. "Smart Cities – Vernetzt, Effizient, Überwacht?" Deutschlandradio. July 15. <http://bit.ly/2oiufDf> (radio interview, in German)

Creative Activity (Selected):

Work Summary (since 2013, Full Exhibition List in Next Section):

In progress **Art of the March**

Tactical preservation / visualization, collaboration with Nathan Felde and Alessandra Renzi. Collection and preservation of 6000 protest signs from the Boston Women's March 2017; development of participatory visualization and analysis platform.

Press (selected):

Guerra, Cristela. 2017. "Yard Signs Channel the Fears — and Hopes — of a Fraught Era." Boston Globe, March 28. <http://bit.ly/2pCXTro>

Fleming, Nicole. 2017. "Volunteers Begin to Sort through Signs from Women's March." The Boston Globe, April 1. <http://bit.ly/2qbrY0J>

DeRuy, Emily. 2017. "Boston's New Accidental Archive of Protest Posters." *CityLab*. January 26. <http://bit.ly/2puyxsk>

Annear, Steve. 2017. "Professors Stash Boston Women's March Rally Signs to Preserve a Piece of History." The Boston Globe. <http://bit.ly/2oQ0vAS>

DeRuy, Emily. 2017. "What Happens to Those Posters from the Women's Marches." *The Atlantic*. January 25. <http://theatl.n.tc/2oin6CW>

Zamudio-Suaréz, Fernanda. 2017. "In Discarded Women's March Signs, Professors Saw a Chance to Save History." The Chronicle of Higher Education, January 24. <http://bit.ly/2qbwNam>

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; currently working on an analysis and visual exploration tool for urban noise data.

Press (selected):

LuxReview. 2016. "LA Installs Street Light Sensors that Can Hear Car Crashes." LuxReview. September 26. <http://bit.ly/2g9oH9K>

Business Wire. 2016. "The City of Los Angeles and Philips Lighting Pilot New Pathway to Smart City Utilizing Connected Street Lighting Infrastructure." September 19. <http://bit.ly/2paXfkE>

Niculescu, Aurel. 2016. "Los Angeles Is Listening to Car Crashes...."

InAutoNews. November 21. <http://bit.ly/2plLfK3>

2016 **Urban Radiance**

Visualization project expanding on 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.

Exhibitions:

IEEE VIS Arts Exhibition, "Metamorphoses" 2016, Baltimore

Visualizing Cities Exhibition – UN Habitat III, Quito 2016

Press:

Philips Lighting. 2017. "Urban Radiance - The Future of Light." *Philips Lighting*. Accessed February 10. <http://philips.to/2oiIHuY>

2015 **Manila Improstructure**

Mapping project, collaboration with Katja Schechtner and students from TU Vienna

Exhibitions:

"Post city" Ars Electronica Festival 2015, Linz; "The Urban Future" exhibition, Technisches Museum Vienna.

Press:

Hill, Dan. 2016. "The Social and the Democratic, in the Social Democratic European City." In *Straatwaarden Atelier*, edited by Riemer Knoop. Vol. 3. Reinwardt Academie. Amsterdam: Reinwardt Academie.

Novotny, Maik. 2015. "Zukunft Ohne Masterplan." *derStandard*, September 5. (in German)

2015 **Urban Entropy**

Public installation in Linz, Austria. Real-time auditory display of citizen complaints, visualized on the façade of the Ars Electronica Center and read aloud to pedestrians via speakers embedded in the façade.

Exhibitions:

"Post city" Ars Electronica festival; Connecting Cities, Europe-wide; Sound:frame Festival, Vienna; Visualizing Cities Exhibition – UN Habitat III, Quito 2016

Press:

Offenhuber, Dietmar. 2016. "Urban Entropy." In *What Urban Media Art Can Do: Why When Where and How?* ed. Susa Pop, Tanya Toft, Nerea Calvillo, and Mark Wright, 392–95. Stuttgart: Av Edition.

Orf futurezone. 2015. "Ars Electronica: Bürgerbeschwerden Auf Fassaden." *ORF Futurezone*. April 9. <http://bit.ly/2prGIsl> (in German)

Salzburger Nachrichten. 2015. "Ars Electronica: Bürger-Beschwerden Auf Der AEC-Fassade." *Salzburger Nachrichten*. September 4. <http://bit.ly/2onhfeV> (in German)

APA Science. 2015. "Ars Electronica: Bürger-Beschwerden Auf Der AEC-Fassade." *Austrian Press Agency*. September 4. <http://bit.ly/2pupsj7> (in German)

DerStandard. 2015. "Ars Electronica: Bürger-Beschwerden Auf Der AEC-Fassade" Accessed September 5. <http://bit.ly/2oPF6HW> (in German)

2015 **MENAM Art Map**

Interactive Visualization. The project traces the connections between 500 middle eastern artists based on a textual analysis of their published biographies. A collaboration with Christoph Riedl and Nick Beauchamp (co-PIs).

Exhibitions:

The Armory Show 2015, New York City

Press:

Lacey, Sharon. 2015. "Armory Show Is 'CULTURUNNERS' next Stop." *MIT News*. March 5. <http://bit.ly/2nW9XDE>

2014 **Sorting Out Cities**

A visualization of global development, developed for the spherical "GeoCosmos" display in the Miraikan museum, Tokyo. Collaboration with Ars Electronica Futurelab. My role: project lead, concept, art direction, coding, and animation.

Exhibitions:

National Museum of Emerging Science and Innovation (Miraikan), Tokyo; Ars Electronica Center, Linz; IEEE VIS Arts Exhibition, "Data Improvisations" 2015, Chicago; Visualizing Cities Exhibition – UN Habitat III, Quito, 2016

Reviews:

Sick-Leitner, Magdalena. 2015. "Sorting Out Cities." Ars Electronica Blog.

February 26. <http://bit.ly/2nWg2zU>

2011–2014 **Forage Tracking (alternative title: Forager)**

Video, mapping project. Collaboration Senseable City Lab. My role: concept, project leader.

Exhibitions:

National Taiwan Museum of Fine Arts Taichung, Taiwan, 2012; „Sensing Place“, Haus für Elektronische Künste, Basel, 2012

Press (selection):

Coren, Michael J. 2012. "New Tech Lets an Army of Informal Recyclers Collect Brazilian Waste." *Fast.Co.Exist.* May 13. <http://bit.ly/2pKvE5J>

Dias, Valéria. 2011. "Ferramenta Desenvolvida Pela FAU E MIT Mapeia Rotas E Facilita Trabalho de Catadores." *Universidade de São Paulo.* <http://bit.ly/2prvrvy>

Chronological list of Exhibitions, Festivals, Screenings:

Works in Collections:

2009 Index DVD edition 034, *VISIONARY - Contemporary Short Documentaries and Experimental Films from Austria*, Medienwerkstatt Wien and sixpackfilm

2005 *Stadtmusik 05*, Edition Medienturm, Kunstverein Medienturm, Graz

Since 2007 Light Cone, international distributor for experimental film and video art (films in distribution: *besenbahn*, *Please stand back!*, *Paths of g*).

Since 2002 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

2005 *Stadtmusik*, Dietmar Offenhuber & TAMTAM, MuseumsQuartier, Vienna, Austria
Dec. 11- Jan 22

Group Exhibitions:

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)

2015 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 (Miraikan), 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,

- Erfurt, 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 Secession, 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 exhibition, 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 K nsterschaft, Innsbruck, Austria
- 2002 ISEA 02, Nagoya, Japan
Ars Electronica On-screen Gallery, Linz, Austria
Artimage - Biennale of media and architecture, Graz, Austria
- 2001 "Design Austria"-Adolf Loospreis, Looshaus, Vienna, Austria

Festivals & Screenings:

Most significant

- 2012–2016 *Breaking Ground: 60 Years of Austrian Experimental Cinema*, Cinemateque, Tel Aviv
- 2014 *Breaking Ground*, Moscow Museum of Modern Art
- 2013 *Breaking Ground*, Centre Georges Pompidou, Paris, France
Breaking Ground, Kinematek, Copenhagen, Denmark
Bafici -Buenos Aires Independent Film Festival, Buenos Aires, Argentina
- 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
- 2003 *Transmediale Award 03*, Berlin, Germany
ArteTV Television Broadcast, Europe-wide
- 1999 *SIGGRAPH* Computer Animation Festival, Los Angeles, California

Others

- 2017 *Regensburger Kurzfilmwoche 2017*, Regensburg, Germany
- 2015 *Sound:frame* Festival, Vienna, Austria
- 2014 *Light Cone pr sente: Propagandes de guerre, le jour le plus court* – French nationwide short film festival.
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 cin ma exp rimental 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

Lectures, Presentations, Panels

International (selection, since 2013)

- May 24, 2017 Invited Lecture, "Commoning the smart city," De Bibliotheek Eindhoven
- Feb. 9, 2017 Keynote Lecture, "Decoding the City," Crossovers Conference, Rotterdam
- Nov. 28, 2016 Invited Lecture, United Nations Development Programme (UNDP) Innoforum 2016, Chisinau, Moldova
- Nov 3, 2016 Invited Lecture, Transmedia Matters? Researching (Electronic) Waste Workshop, Haus der Elektronischen Künste, Basel
- Jul 1, 2016 Invited Lecture, "Improvising with Infrastructure," Garage Museum of Contemporary Art, Moscow
- Jun 30, 2016 Panel Presentation, "Improstructure — governance as call & response," Moscow Urban Forum 2016
- Jun 9-10, 2016 Panel Presentation, "Doing data differently: How are new sources of data shaping and changing our environment" United Nations Development Programme (UNDP), Istanbul
- Apr. 22, 2016 Workshop leader, "Inclusive recycling after the hype", with Anne Scheinberg and Cecilia Loschiavo. Pakhuis, Amsterdam.
- Apr. 21, 2016 Keynote lecture. "A case for accountability-oriented design" Design and the City Conference. Amsterdam
- Mar. 25, 2016 Invited Lecture. "Improvising infrastructure", Cairo Makerfaire, American University, Cairo
- Mar. 19, 2016 Panel Lecture. "Mining the public good?" *Aisthesis and the Common: Reconfiguring the Public Sphere*, McGill University, Montreal
- Nov. 14, 2015 Invited lecture, "Tool or therapy? The Politics of Participation in Civic Technologies"; workshop leader, "Who governs the smart city?" *art+bits festival*, Katowice, Poland
- Sep. 3, 2015 Keynote lecture, *Connecting Cities*, Ars Electronica 2015
- May 29, 2015 Panel presentation, *International Open Data Conference 2015*, Ottawa, CA
- May 23, 2015 Invited lecture, "Wann ist Rauschen ein Signal?" *Signalstadt*, interdisziplinäre Tagung zu Kulturgeschichte & Architekturpraxis des Auditiven, Humboldt Universität Berlin.
- May 21, 2014 Invited lecture at the Federal University of Pernambuco, Brazil
- May 15, 2014 Panel presentation, *The Future City conference*, Karlsruhe Institute of Technology
- Feb. 25, 2014 Invited lecture, "Decoding the City," Zurich University of the Arts, Zurich
- Nov. 21, 2013 Panel presentation: "Big Data and cities - towards data-driven governance," *ITU Telecom World*, Bangkok, Thailand
- June 13, 2013 Invited lecture: Federal University of Pernambuco, Recife, Brazil
- May 24, 2013 Keynote lecture: "Legibility from Below - Tools of Accountability," *Hybrid City 2013*, Athens

National (selection, since 2013)

- Apr. 21, 2017 "Data, Design, Decision", Radcliffe Institute, Harvard University
- Mar. 24, 2017 Panel Presentation, "Tactical Preservation: The Accidental Archive of the Boston Women's March" with Alessandra Renzi, and Nathan Felde, NULab Spring Conference, Northeastern University
- Oct. 28, 2016 Panel Presentation, "Critical Visualization", IEEE VIS Conference, Baltimore

- Oct. 27, 2016 Panel Presentation, Digital Technology for Heritage Preservation, Columbia University
- Sep. 25, 2016 Invited Lecture, "Tuning Infrastructure," Murmuration Festival, St. Luis
- Sep. 21, 2016 Online Presentation, Smarter Crowdsourcing - Zika: Trash and Standing Water - Online Conference, Inter-American Development Bank & NYU Governance Lab
- Jun. 25, 2016 Indexical Design - Opening Lecture. Northeastern University.
- May. 2, 2016 Panel lecture, Urban Intermedia: the City between Experience and Information. Radcliffe Institute, Harvard University.
- Mar. 3, 2016 "Superstition vs. Simplification Visual Data Mining & It's Pitfalls" ScoutXDataViz, Northeastern University
- Feb. 26, 2016 "Tuning Space — Current Perspectives on Urban Sound Research." Transcultural Exchange, Boston University
- Nov. 4, 2015 Invited lecture: "Sticky Data, Superstitious Patterns: Visualization Beyond Cognitivism", The new School / Parsons, Information Visualization talk
- Oct. 28, 2015 Panel presentation: IEEE VisWeek Art Program, IEEE Vis conference, Chicago
- Sept. 26, 2015 Invited lecture: *In the Shadow of the Megacity*, with Stan Allen, Kenneth Frampton, Susannah Drake, Alexander D'Hooghe, Cooper Union, NY
- June 9, 2015 Panel presentation: *Boston Civic Media: Metrics & Methods*. Microsoft New England, Cambridge MA
- Apr. 28, 2015 Panel discussion: *Cities by Design*, with Lev Manovich, Robert Pietrusko and Eve Blau, Harvard GSD
- Apr. 17, 2015 Panel presentation: "The pigeon in the haystack - design before and after the fact," *Data across Scales*, Harvard GSD
- Apr. 10, 2015 Invited lecture: "Civic Technologies - Tool or Therapy?" *Design & Social Change*, Northeastern University
- Mar. 14, 2015 Invited lecture: "Civic technologies - Tools or Therapy?" *The data made me do it* Symposium, UC Berkeley.
- Mar. 6, 2015 Panel moderation: "My eyes ... my ears ..." with Sam Auinger, Bruce Odland, Meejin Yoon (MIT), Prataap Patrose (City of Boston), Tom Ryan (Harvard), District Hall, Boston.
- Feb. 27, 2015 Panel presentation: "The Biases of Data," *After Empirical Urbanism Symposium*, University of Toronto
- Dec. 3, 2014 Invited lecture: "When data bites back - augmentation vs. contingency," Boston Tech Meetup
- Nov. 7th, 2014 Invited lecture: "Decoding the City." Mason Gross School of the Arts, Rutgers University
- Sep. 10, 2014 Workshop presentation: Smart Cities Workshop, with Prof. Joe Paradiso and Nikhil Naik, MIT Media Lab
- Sep. 6, 2014 Workshop presentation: "Prototyping Waste Systems", with Lucia Xavier, Libby McDonald, David Lee and Rodrigo Medeiros, MIT
- Aug. 11, 2014 Panel presentation: "The designer as regulator — design patterns and categorization in citizen feedback systems," *Workshop on Big Data and Urban Informatics, UIC Chicago*
- Jun. 3, 2014 Panel presentation: "Open Source Urbanism." Boston Society of Architects / Urban Design Committee with Nigel Jacob and Alicia Rouault
- May 29, 2014 Workshop presentation: *Life of Trash*, CUSP NYU, New York
- Dec. 5, 2013 Book presentation: "Accountability Technologies," MIT Media Lab

- Nov. 15, 2013 Workshop seminar: *Engaging Data 2013 - Big Data or Bad Data*, MIT
- Oct. 31, 2013 Invited presentation: interACTIONS, Center for the Arts, Northeastern University
- Oct. 29, 2013 Book presentation with Isabel Meirelles, Snell Library, Northeastern University
- Oct. 28, 2013 Invited lecture: College of Art, Media and Design, Northeastern University
- Oct. 17, 2013 Invited lecture: *Data Swap 2013*, Boston Globe and Northeastern University
- Sept. 27, 2013 Invited lecture: *Infrastructure Legibility*, Center for Complex Networks Research, Northeastern University
- June 20, 2013 Invited lecture: *Information Design and Data Visualization Conference*, Northeastern University, Boston 2013
- May 5, 2013 Panel Moderation: *Media City 4, "Bordervilles,"* International Conference, CUNY Buffalo, NY
- May 2, 2013 Invited respondent: *Unconventional Wisdom, 2nd Annual International Development Group Conference*, MIT, Cambridge

Awards and Honors

- 2017 Typography Award, Communication Arts Magazine (collaboration with Thomas Starr and Pedro Cruz, my role: art direction)
- 2015 Connecting Cities Network — Artist in Residence, Ars Electronica Futurelab, Linz, Austria
- 2014 Outstanding Dissertation Award, Department of Urban Studies and Planning, MIT
Nomination for the ACSP Barclay Gibbs Jones Award for Best Dissertation in Planning
- 2013 Best Article of 2012 Award, American Planning Association (APA)
- 2012 Finalist for the KATERVA Sustainability Innovation Award
- 2011 MIT Carroll L. Wilson Award Fellowship 2011
National Science Foundation (NSF) International Visualization Challenge, Winner Category Non-Interactive Visualization, for *Trash / Track*
- 2010 File Prix Lux 2010, Sao Paulo, Honorary Mention Electronic Sonority for *Dust till Dawn*
- 2007 Melbourne International Animation Festival 2007,
Jury Award for *paths of g*
12th International Media Art Biennale WRO 07,
Special Mention for *mauerpark*
National Science Foundation (NSF) International Visualization Challenge,
Semifinalist Honors for *comment flow*
- 2004 Japan Foundation Fellowship, IAMAS Institute, Gifu, Japan
- 2003 EMARE Fellowship, Artist in Residence, Werkleitz Gesellschaft, Halle, Germany
- 2003 Finalist FEIDAD Award for Digital Architecture in two categories, Taiwan Art Directors Club, Silver Award, New Media category for *imagining the city*
ZKM International Media Art Award, Nomination for *besenbahn*
Transmediale Award, Honorary Mention Category Image for *besenbahn*
- 2001 Joseph Binder Award / Adolf Loos Award for Design
for *Unit M* with Gerfried Stocker and Joachim Smetschka

Grants and External Funding

External

- 2016 \$13,700.00 Sponsored Research Project, Philips Lighting
- 2014 \$43,000.00 Sponsored Studio, Philips Color Kinetics.

Internal

- 2017 \$15,000.00 CAMD Faculty Development 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 (Northeastern University)

- Fall 2013 ARTG 5120 01, Info Design Research Methods, Traditional, Credit Hours: 4.000, Enrollment: 7. New Course Preparation: Yes
This class has been co-taught with Chair Nathan Felde, and involved studio critiques from Richard Wurman
One course release due to graduate coordinator duties
- Spring 2014 ARTG 6100 01, Information Design Studio 2, Traditional, Credit Hours: 4.000, Enrollment: 6. New Course Preparation.
PPUA 5262 01, Big Data Cities Mining Strategies, Traditional, Credit Hours: 3.000, Enrollment: 12. New Course Preparation.
PPUA 6400 04, Planning Module: Urban Policy, Traditional, Credit Hours: 1.000, Enrollment: 4. New Course Preparation: Yes.
- Fall 2014 ARTG 5120 01, Info Design Research Methods, Traditional, Credit Hours: 4.000, Enrollment: 12.
One course release due to online course content development for Data Science degree
- Spring 2015 Two course releases – tenure track
- Summer 2015 ARTH 6976 01, Directed Study, One-On-One, Credit Hours: 1.0, Enrollment: 1.
- Fall 2015 ARTG 6330 02, Info Design Mapping Strategies, Traditional, Credit Hours: 4.000, Enrollment: 10.
DSSH 6302 01, Info Design & Visual Analytics, Online, Credit Hours: 4.000,

- Enrollment: 11.
- Spring 2016 ARTG 5120 01, Info Design Research Methods, Traditional, Credit Hours: 4.000, Enrollment: 19.
One course release due to graduate coordinator duties
ARTE 6976 01, Directed Study, One-On-One, Credit Hours: 1.000, Enrollment: 1.
ARTE 6976 01, Directed Study, One-On-One, Credit Hours: 1.000, Enrollment: 1.
- Fall 2016 One course release due to graduate coordinator duties
DSSH 6302 01, Info Design & Visual Analytics, Online, Credit Hours: 4.000, Enrollment: 15.
ARTE 6976 02, Directed Study, One-On-One, Credit Hours: 1.000, Enrollment: 1
- Spring 2017 ARTG 5120 01, Info Design Research Methods, Traditional, Credit Hours: 4.000, Enrollment: 16.

Master Students Advised, CAMD - Art + Design Department

- 2016-17 Andrew Tang, Master Thesis Advisor
Jinni Luo, Master Thesis Advisor
- 2015-16 Akhavan, Armin, Master Thesis Advisor
Xiangyi, Fu, Master Thesis Advisor
Hopkins, Jessica, Master's Thesis Reader
Pushkarna, Mahima, Master's Thesis Reader
Zhang, Xuan, Master's Thesis Reader
- 2014-15 Sun, Liangchuan, Master Thesis Advisor
Masri, Rania, Master Thesis Advisor

Thesis Reader at other Institutions

- 2016 Isabel Glogger, PhD reader, Art University Linz, Austria
2014-15 Rouault, Alicia, Reader, Massachusetts Institute of Technology

Undergraduate Advising

- 2013-15 Tanjutco, Kirsten, Undergraduate Research, Other (Within Northeastern University) Department, "Video production & editing", Completed.
2014-15 Undergraduate capstone project group advisor, Leichter, Benjamin
2014 Fox, Zachary, Supervised Teaching Activity

Student Research/ Teaching Advising

- 2015 Pushkarna, Mahima, Supervised Teaching Activity
Xiangyi, Fu, Supervised Research, "Menam Art Map"
Hopkins, Jessica, Supervised Research, "Menam Art Map"
Pushkarna, Mahima, Supervised Research, "Program Website"
- 2014-15 Akhavan, Armin, Supervised Research, "active legends for bivariate choropleth maps"
- 2014 Masri, Rania, Supervised Teaching Activity
Urell, Thomas, Directed Individual/Independent Study
- 2013-14 Treni, Ashley, Directed Individual/Independent Study

Service and Professional Development:

Service to the Institution

- Since 2017 Member of the PhD program development group, 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
- 2015–2016 Curator, symposium organizer “Indexical Design: the Experience of Information and Materiality of Data” June 25 2016, Northeastern University
- 2014–2015 Curriculum development, core team member, Data Science Certificate
- 2014–2015 Search Committee Member, two Information Design and Visualization positions, Successful Search.
- 2014-2017 Faculty Marshal in the Commencement Ceremony
- 2013–2014 Curriculum development, MS Urban Informatics program
- 2013–2017 Open House representation
- 2013–2014 Search Committee Member, Information Design and Data Driven Urbanism Position, Senior Candidate, Successful Search.
- Since 2013 Graduate coordinator, department of Art + Design & Program coordinator, Master of Fine Arts in Information Design and Visualization
Duties include: curriculum development, recruiting adjunct faculty, program promotion, lecture series coordination (Fall 2014 together with Isabel Meirelles), recruiting prospective students: campus meetings, online hangout sessions, program website development and maintenance, admission committee coordinator for MFA students, portfolio review, first point of contact for graduate students

Service to the Discipline and Profession

Academic Reviewer

- 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, Massachusetts Institute of Technology
- 2014 Associate Editor, *BigData2014 Conference*, Cambridge, MA, December 13-16
Program Committee Member, *CityLabs2014*, Barcelona, November 10
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
- 2012 Jury Member, Prix Ars Electronica, Hybrid Art
- 2011 Jury Member, Prix Ars Electronica, Hybrid Art

Service to the Discipline

- 2016 Class Lecture, *Urban Design Proseminar*, Prof. Eve Blau, Harvard GSD
 Final review critic, *Information Design*, MIT, School of Architecture
- 2015 Studio presentation, *Media as Method*, Harvard GSD, Kiel Moe, Pierre Bélanger
 Massachusetts Institute of Technology, Final thesis review guest critic, School of Architecture
- 2013 Class Lecture, *Future Craft*, MIT Media Lab
 Class Lecture, *Networked Urbanism Studio*, Harvard GSD
 Class Lecture, *Mixed Reality City*, Harvard GSD

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)

Curatorial Practice

- 2016 International Symposium *Indexical Design – a symposium on the experience of information and materiality of data*, Fenway Center, Northeastern University.
 Workshop *Inclusive recycling after the hype*, co-organized with Anne Scheinberg and Cecilia Loschiavo. Pakhuis, Amsterdam.
- 2015 Panel discussion *Sensing Place / Placing Sense 3: Improstructure*, Ars Electronica 2015.
 Co-curated with Katja Schechter. With Mark Shepard, Julian Oliver, Moritz Stefaner, Gerald Gregori.
- 2013 Workshop organization, *Technologies for Self-organized Waste Systems*, Department of Urban Studies and Planning, MIT
- 2012 International Symposium *Sensing Place / Placing Sense 2: Accountability Technologies*
 Ars Electronica 2012, Architekturforum Oberösterreich. Co-curated with Katja Schechter. With Jeffrey Warren (Public Laboratory), Marek Tuzinski (Tactical Tech Collective), Dieter Zinnbauer (Transparency International), Sami Ben-Garbhia (Nawaat), Jose-Luis de Vicente, Tomas Diez and others.
- 2011 Symposium & Exhibition *Sensing Place / Placing Sense* Ars Electronica 2011,

Architekturforum Oberösterreich. Co-curated with Katja Schechter. With Joi Ito (MIT Media Lab), Chris Nold, Usman Haque, Malcolm McCullough, Jose-Luis de Vicente, Natalie Jeremijenko and others.

2009 Symposium *The Scent of Information*, with Lev Manovich, Moritz Stefaner, Boris Müller, Bestiario and others, Art University Linz, Feb. 13-14, 2009