TOM JENKINS, PH.D.

ASSOCIATE PROFESSOR

Digital Design Department IT University of Copenhagen

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EDUCATION

Рн.D. Digital Media, minor in Computer Science Georgia Institute of Technology, Atlanta, GA, USA	2018
M.P.S. Interactive Telecommunications Program Tisch School of the Arts, New York University, New York, NY, USA	2008
B.A. Science & Technology Studies, minor in Information Science Cornell University, Ithaca, NY, USA	2006

ACADEMIC APPOINTMENTS

Associate Professor, Department of Digital Design, IT University of Copenhagen	2022—
Interaction Design specialisation lead, M.Sc. Digital Design and Interactive Technology	
Assistant Professor, Department of Digital Design, IT University of Copenhagen	2019—2022

AWARDS, HONOURS, & GRANTS

Future Foodways PhD Student Funding, IT University of Copenhagen	2023—2026
Nordic Fabulation Network , NordForsk 423,713 NOK award for a workshop series speculating on nordic welfare futures	2023—2024
ResQ-Design, Danmarks Frie Forskningsfond 497,613 DKK award for a research network on responsible design	2023—2026
Best Paper Award, Honourable Mention, CHI 2022	2022
Best Paper Award, Honourable Mention, OzCHI 2020	2020
Foley Scholar , GVU Center, Georgia Institute of Technology \$5,000 award "on the basis of personal vision, brilliance, and potential impact"	2017
Foley Scholar Finalist, GVU Center, Georgia Institute of Technology	2016
Best Paper Award, Honourable Mention, CHI 2015	2015
Graduate Research Award, Intel Science and Technology Center for Social Computing	2012 — 2015
Institute President's Fellow , Georgia Institute of Technology \$22,000 award, "recipients bring exemplary levels of scholarship and innovation"	2011—2015
Speculative Student Notable, Core77 Design Awards	2014
Best Paper Award, Honourable Mention, CHI 2014	2014
2H12 Nokia Global University Funding , Nokia Corporation \$3,200 grant funding invited lecture series for graduate students in HCI & design	2012 — 2013

PUBLICATIONS

CONFERENCE PAPERS

- C27) Marie Louise Juul Søndergaard, Nadia Campo Woytuk, Noura Howell, Vasiliki Tsaknaki, Karey Helms, Tom Jenkins, Pedro Sanches. Fabulation as an Approach for Design Futuring. ACM Conference on Human Factors in Designing Interactive Systems (DIS 2023). Pittsburgh, USA, 2023.
- c26) Martin A. Padalak, **Tom Jenkins**. *Prototyping as making sense of expressions*. International Conference of the DRS Special Interest Group on Experiential Knowledge (EKSIG 2023). Milan, Italy, 2023.
- c25) Michael Nørgaard Jørgensen, **Tom Jenkins**. *Designing Anekdota: Investigating Personal Metadata for Legacy.* ACM Conference on Human Factors in Computing Systems (CHI 2023). Hamburg, Germany, 2023.
- c24) Martin A. Padalak, **Tom Jenkins**. *Being in the world with the aural-visualiser 1000*. Nordic Conference on Computer Human Interaction (NordiCHI 2022). Aarhus, Denmark, 2022.
- c23) Mila Stepanovic, Laurens Boer, **Tom Jenkins**. *Reconfiguring the Smartphone to Support Intentional Use*. Nordic Conference on Computer Human Interaction (NordiCHI 2022). Aarhus, Denmark, 2022.
- C22) Vasiliki Tsaknaki, Pedro Sanches, **Tom Jenkins**, Noura Howell, Laurens Boer, Afroditi Bitzouni. Fabulating Biodata Futures for Living and Knowing Together. ACM Conference on Human Factors in Designing Interactive Systems (DIS 2022). Sydney, Australia, 2022.
- C21) Pedro Sanches, Noura Howell, Vasiliki Tsaknaki, Tom Jenkins, Karey Helms. Diffraction-in-action: Designerly Explorations of Agential Realism Through Lived Data. ACM Conference on Human Factors in Computing Systems (CHI 2022), New Orleans, USA 2022. BEST PAPER HONOURABLE MENTION
- c20) **Tom Jenkins**, Laurens Boer, Sarah Homewood, Teresa Almeida, Anna Vallgårda. *Designing with Emerging Science: Developing an Alternative Frame for Self-Tracking.* 32nd Australian Conference on Human-Computer Interaction (OzCHI 2020). **BEST PAPER HONOURABLE MENTION**
- c19) Steffen Hviid Trier, **Tom Jenkins**. *Participatory Sensing in the Speculative Smart City.* 32nd Australian Conference on Human-Computer Interaction (OzCHI 2020).
- C18) Tom Jenkins, Laurens Boer, Juliane Busboom, Ivar Simonsen. The Future Supermarket: A Case Study of Ethnographic Experiential Futures. Nordic Conference on Computer Human Interaction (NordiCHI 2020). Talinn, Estonia, 2020.
- C17) Laurens Boer, Harvey Bewley, Tom Jenkins, Sarah Homewood, Teresa Almeida, Anna Vallgårda. Gut-Tracking as Cultivation. ACM Conference on Designing Interactive Systems (DIS 2020). Eindhoven, Netherlands, 2020.
- C16) Tom Jenkins, Anna Vallgårda, Laurens Boer, Sarah Homewood, Teresa Almeida. Careful Devices: A design manifesto for humane domestic healthcare technology. Halfway to the Future, Nottingham, UK, 2019.
- C15) Tom Jenkins. Cohousing IoT: Design Prototyping for Community Life. ACM
 Conference on Tangible, Embodied, and Embedded Interfaces (TEI 2018), Stockholm, Sweden 2018.
- C14) **Tom Jenkins**. *Living Apart, Together: Cohousing as a Site for ICT Design*. ACM Conference on Designing Interactive Systems (DIS 2017), Edinburgh, UK 2017.
- c13) Carl DiSalvo, **Tom Jenkins**. Fruit Are Heavy: A Prototype Public IoT System to Support Urban Foraging. ACM Conference on Designing Interactive Systems (DIS 2017), Edinburgh, UK 2017.

- c12) **Tom Jenkins**, Christopher Le Dantec, Carl DiSalvo, Thomas Lodato, and Mariam Asad. *Object-Oriented Publics*. ACM Conference on Human Factors in Computing Systems (CHI 2016), San Jose, USA, 2016.
- c11) Carl DiSalvo, **Tom Jenkins**, Thomas Lodato. *Designing Speculative Civics*. ACM Conference on Human Factors in Computing Systems (CHI 2016), San Jose, USA, 2016.
- c10) **Tom Jenkins**. *The Internet of Things: Designing Proto-Infrastructures*. Design Anthropological Futures. Copenhagen, Denmark, 2015.
- C9) James Pierce, Phoebe Sengers, Tad Hirsch, Tom Jenkins, William Gaver, and Carl DiSalvo. Expanding and Refining Design and Criticality in HCI. ACM Conference on Human Factors in Computing Systems (CHI 2015), Seoul, Korea, 2015. BEST PAPER HONOURABLE MENTION
- c8) Carl DiSalvo, **Tom Jenkins**. *Drones for Foraging*. Proceedings of the 2nd Biennial Research Through Design Conference (RTD 2015), Cambridge, UK, 2015.
- C7) Tom Jenkins, Ian Bogost. Escaping the Sandbox: Making and its Future. ACM Conference on Tangible, Embodied, and Embedded Interaction (TEI 2015), Stanford, USA, 2015.
- c6) **Tom Jenkins.** *Designing the "Things" of the IoT*. ACM Conference on Tangible, Embodied, and Embedded Interaction (TEI 2015), Stanford, USA, 2015.
- c5) **Tom Jenkins**. *Prototyping speculative objects for the Internet of Things*. In Proceedings of the 2014 companion publication on Designing interactive systems (DIS '14). Vancouver, Canada, 2014.
- c4) Carl DiSalvo, Jonathan Lukens, Thomas Lodato, **Tom Jenkins**, Tanyoung Kim. *Making Public Things: How HCI Design Can Express Matters of Concern*. ACM Conference on Human Factors in Computing Systems (CHI 2014), Toronto, Canada, 2014. **BEST PAPER HONOURABLE MENTION**
- c3) **Tom Jenkins**, Ian Bogost. *Designing for the Internet of Things: Prototyping Material Interactions*. ACM Conference on Human Factors in Computing Systems (alt.chi 2014), Toronto, Canada, 2014.
- c2) **Tom Jenkins**. *Devotional Gardening Tools*. ACM Conference on Human Factors in Computing Systems (alt.chi 2013), Paris, France, 2013.
- c1) Brian Magerko, Jason Freeman, Tom McKlin, Scott McCoid, **Tom Jenkins**, Elise Livingston. *Tackling Engagement in Computing with Computational Music Remixing*. ACM Special Interest Group on Computer Science Education (SIGCSE 2013), Denver, USA, 2013.

JOURNAL ARTICLES

- 13) Laurens Boer and Tom Jenkins. Fostering Creative Confidence with SCD in Interaction Design Education. Interaction Design and Architecture (IxD&A), issue 51, Special Issue on Speculative and Critical Design Approaches and Influences in Education (2022).
- 12) **Tom Jenkins**. *Cohousing IoT: Technology Design for Life in Community*. Multimodal Technologies and Interaction, 5(3), 14, Special Issue on Impact of Digital Technologies on Communities (2021).
- Scott McCoid, Jason Freeman, Brian Magerko, Christopher Michaud, Tom Jenkins, Tom McKlin, Hera Kan. EarSketch: An Integrated Approach to Teaching Introductory Computer Music. Organised Sound, Volume 18, Number 2 (2013).

BOOK CHAPTER

BC1) Tom Jenkins. Third-Wave HCI Perspectives on the Internet of Things. In: Filimowicz M., Tzankova V. (eds) New Directions in Third Wave Human-Computer Interaction: Volume 1 - Technologies. Human-Computer Interaction Series. Springer, Cham; 2018.

WORKSHOPS ORGANIZED

- WO9) Tom Jenkins, Marie-Louise Juul Søndergaard, Pedro Sanches, Vasiliki Tsaknaki, Nadia Campo Woytuk, Noura Howell, Karey Helms, Laurens Boer and Jason Tucker. Fabulating Futures for Flourishing and Vibrant Worlds. The 10th Nordic Design Research Society conference (Nordes 2023). Linköping, Sweden, 2023.
- w08) Vasiliki Tsaknaki, **Tom Jenkins**, Laurens Boer, Sarah Homewood, Noura Howell, Pedro Sanches. *Challenges and Opportunities for Designing with Biodata as Material*. Nordic Conference on Human-Computer Interaction (NordiCHI 2020). Talinn, Estonia, 2020.
- w07) **Tom Jenkins**, William Odom, James Pierce, Kristina Andersen, Andy Boucher, David Chatting, William Gaver. *RtD in Situ: Discussing the Domains and Impact of Design Research*. ACM Conference on Designing Interactive Systems (DIS 2020). Eindhoven, Netherlands, 2020.
- W06) Kristina Andersen, Andy Boucher, David Chatting, Audrey Desjardins, Laura Devendorf, William Gaver,
 Tom Jenkins, William Odom, James Pierce, Anna Vallgårda. Doing Things with Research through Design: With
 What, With Whom, and Towards What Ends? ACM Conference on Human Factors in Computing Systems
 (CHI 2019). Glasgow, United Kingdom, 2019.
- w05) Tom Feltwell, Shaun Lawson, Ben Kirman, Debbie Maxwell, Conor Linehan, **Tom Jenkins**, Stacey Kuznetsov. "*Grand Visions*" for Post-Capitalist Human-Computer Interaction. ACM Conference on Human Factors in Computing Systems (CHI 2018). Montréal, Canada, 2018.
- WO4) Tom Jenkins, Vasiliki Tsaknaki, Karey Helms, Ludvig Elblaus, Nicolai Brodersen Hansen. Sociomateriality: Infrastructuring and Appropriation of Artifacts. ACM Conference on Tangible, Embodied/Embedded Interaction (TEI 2018). Stockholm, Sweden, 2018.
- WO3) Tom Jenkins, Kristina Andersen, William Gaver, Will Odom, James Pierce, Anna Vallgårda. The Things of Design Research: Diversity in Objects and Outcomes. ACM Conference on Human Factors in Computing Systems (CHI 2017). Denver, USA, 2017.
- WO2) Tom Jenkins, Kristina Andersen, William Gaver, Will Odom, James Pierce, Anna Vallgårda. Attending to Objects as Outcomes of Design Research. ACM Conference on Human Factors in Computing Systems (CHI 2016). San Jose, California, USA 2016.
- w01) Jamie Allen, Johannes Bruder, Moritz Greiner-Petter, Felix Gerloff, Shintaro Miyazaki, **Tom Jenkins**, Matthias Taradiewicz, Sophie-Carolin Wagner. *Unmaking: 5 Anxieties*, Transmediale, Berlin, Germany 2016

WORKSHOP PAPERS

- WP6) **Tom Jenkins**, Anna Vallgårda, Laurens Boer, Teresa Almeida, Sarah Homewood. *Careful Devices: outline of a research program*. CHI 2019 Workshop "Doing Things with Research through Design: With What, Whom, and Towards What Ends?" Glasgow, United Kingdom, 2019.
- WP5) **Tom Jenkins**. *Sharing Domesticity: An Internet of Cohousing Things*. CHI 2017 Workshop "Making Home: Asserting Agency in the Age of IoT." Denver, USA, 2017.
- WP4) **Tom Jenkins**. *The Object Ecology: Designing Edge Cases for the Internet of Things*. Doctoral Reviews+Symposium for in-process work. Carnegie Mellon School of Design, Pittsburgh, USA, 2016.
- WP3) Tom Jenkins. Technology for Foraging. Re-Thingifying the Smart City, Transmediale. Berlin, Germany, 2016.
- WP2) Phoebe Sengers, Kirsten Boehner, Simeon Warner, **Tom Jenkins**. *Evaluating Affector: Co-Interpreting What 'Works.'* CHI 2005 Workshop "Innovative Approaches to Evaluating Affective Systems." Portland, USA, 2005.
- WP1) **Tom Jenkins**. (*Pre*)*Configuring the User*. Symposium on Affect, Interaction & Technology, Cornell University. Ithaca, USA, 2005.

MAGAZINE ARTICLE

A1) William Odom, **Tom Jenkins**, Kristina Andersen, Bill Gaver, James Pierce, Anna Vallgårda, Andy Boucher, David Chatting, Janne van Kollenburg, Kevin Lefeuvre. 2018. *Crafting a place for attending to the things of design at CHI*. Interactions 25, 1.

DEMO

D1) Martin A. Padalak, Thea Emilie Gehrchen, Søren Smedegaard Hansen, Peter Langgaard Pedersen, Tom Jenkins. Aural-visualiser 1000: physical interaction design for materializing moments. Nordic Conference on Computer Human Interaction (NordiCHI 2022). Aarhus, Denmark, 2022.

POSTERS

- P2) **Tom Jenkins**, Anna Vallgårda, Laurens Boer, Sarah Homewood, Teresa Almeida. *Careful Devices: A design manifesto for humane domestic healthcare technology*. Halfway to the Future symposium, Nottingham, United Kingdom, 2019.
- P1) **Tom Jenkins**. *Cohousing IoT*. Human Computer Interaction Consortium (HCIC 2017). Watsonville, California, USA, 2017

RESEARCH ACTIVITIES

RESEARCH WORKSHOP ORGANISING

Nordic Fabulation Network - Approaches, Oslo School of Architecture and Design, Oslo, Norway.	2024
Nordic Fabulation Network - Concepts, Umeå University, Umeå, Sweden.	2023
Design Tool Prototyping, Parsons the New School for Design, New York, NY, USA.	2015
Prototyping for a Speculative IoT, Goldsmiths, University of London, UK.	2014
INVITED/FUNDED RESEARCH MEETINGS	
Research through Design Jamboree, Ambleside, UK.	2022
Human Computer Interaction Consortium (HCIC), Watsonville, CA, USA.	2017
Consortium for the Science of Sociotechnical Systems (CSST), Columbia, MO, USA.	2014
SYMPOSIA	
Digital Civics Symposium. Malmö University, Malmö, Sweden.	2017
Making Subjects. Indiana University, Bloomington, IN, USA.	2014
Materialities of Information. UC Irvine, Irvine, CA, USA.	2014
Affect, Interaction & Technology. Cornell University. Ithaca, NY, USA.	2005

RESEARCH AFFILIATIONS

Interaction Design Research Group, IT University of Copenhagen	2022—
Center for Climate IT, IT University of Copenhagen	2022—
Center for Digital Welfare, IT University of Copenhagen	2020—
<i>IxD Lab,</i> IT University of Copenhagen	2019—2022
Public Design Workshop, Georgia Institute of Technology	2011—2018
Intel Science and Technology Center for Social Computing	2012—2015
Expressive Machinery Lab, Georgia Institute of Technology	2011—2012
Culturally Embedded Computing Group, Cornell University	2004—2006

EXHIBITIONS

JANUARY — MAY 2017	Food by Design: Sustaining the Future. Museum of Design Atlanta, GA, USA.
MARCH 2016 — MAY 2016	Field Test: Radical Adventures in Future Farming. Science Gallery Dublin, Ireland.
SEPTEMBER 2013	Tiny Tinkering Platform. Open Source Hardware Summit, MIT, Boston, MA, USA.
MAY 2008	Emotional Prostheses. ITP Spring Show, New York, NY, USA.

INVITED PRESENTATIONS

IT University of Copenhagen, Digital Design Department. Copenhagen, DK.	NOVEMBER 2018
Penn State, College of Information Sciences and Technology. University Park, PA, USA.	MARCH 2018
University of California, Irvine, Department of Informatics. Irvine, CA, USA.	FEBRUARY 2018
Georgia Institute of Technology, GVU Brown Bag. Atlanta, GA, USA.	FEBRUARY 2018
Cornell University, Design + Environmental Analysis. Ithaca, NY, USA.	FEBRUARY 2018
University of Michigan, Stamps School of Art and Design. Ann Arbor, MI, USA.	MARCH 2017
Carnegie Mellon University, HCI Institute. Pittsburgh, PA, USA.	MARCH 2017
Umeå Institute of Design. Umeå, SE.	OCTOBER 2016
IT University of Copenhagen, IxD Lab. Copenhagen, DK.	DECEMBER 2015

TEACHING

COURSE MANAGER/LECTURER

Designing Interactions, IT University of Copenhagen	SPRING
Situating Interactions, IT University of Copenhagen	AUTUMN
Principles of Interaction Design, Georgia Institute of Technology	AUTUMN 2015
VISITING TEACHING	
Faceless Interaction Design in the Home, Umeå Institute of Design	OCTOBER 2016
GUEST LECTURES	
IT and Green Transitions, ITU, "Speculative Futures and Transition Design"	NOVEMBER 2022
Computational Literacies, ITU, "Material IxD and physical computing"	OCTOBER 2020
The Computer as an Expressive Medium, Georgia Tech, "Introduction to Arduino"	NOVEMBER 2017
TEACHING ASSISTANT	
The Computer as an Expressive Medium, Georgia Institute of Technology	AUTUMN 2018
Introduction to Computational Media, Georgia Institute of Technology	AUTUMN 2017
Digital Media Prototyping, Georgia Institute of Technology	SPRING 2016
Computing Cultures, Cornell University	SPRING 2006
Introduction to Web Design & Programming, Cornell University	AUTUMN 2005

STUDENT SUPERVISION

PH.D. CANDIDATES	
Martin Abildgaard Padalak, Digital Design, IT University of Copenhagen (supervisor)	2023—
Mila Stepanovic, School of Design, Politecnico di Milano (discussant)	2022
M.Sc. DIGITAL DESIGN & INTERACTIVE TECHNOLOGY, ITU COPENHAGEN	
Cecilie Nissen Toksvig, Sofie Bonde Alsen & Stine Ramsing; Jacob Nørbæk Krag; Daniel Henry Jayatissa Vestergaard & Theis Theodor Bach Nielsen, Kamma Amalie Lind Madsen & Sofie Krogh Bønlykke; Maren Stensås; Martin Abildgaard Padalak	2023
Amanda Barlebo Christiansen & Katrine Havsager Nielsen, Gustav Borch Lützhøft	2022
Amalie Bisgaard Høegh & Anne Lotte Lorvik, Anne Katrine Svejgaard Barrett & Emily Howkins Lange, Michael Nørgaard Jørgensen, Sebastian Søgaard Larsen, Sarah Thordal Larsen & Sofie Mandø Hausted	2021
Emil Brogaard & Valdemar Edouardo Glahn-Abrahamsen, Kasper Månsson	2020
M.Sc. SOFTWARE DEVELOPMENT, ITU COPENHAGEN	
Karina Poulsen	2021
M.Sc. DIGITAL DESIGN & COMMUNICATION, ITU COPENHAGEN	
Charlotte Isabella Koed, Saffie Yatou Christensen & Rose Schiønning Falkenstrøm, Steffen Hviid Trier	2019
B.Sc. DIGITAL DESIGN & INTERACTIVE TECHNOLOGY, ITU COPENHAGEN	
Jonathan Kjær Jørgensen	2021

ACADEMIC SERVICE

CONFERENCE ORGANIZING

Program Chair, TEI 2024 Pictorials Chair, DIS 2018, 2024 Pictorials Chair, TEI 2020 Workshops Chair, DIS 2023

CONFERENCE REVIEWING

C&C 2017, 2022 CHI 2013—2023 CHI Play 2019 CSCW 2015—2019, 2022 DIS 2012—2023 DRS 2024 HCII 2020 IASDR 2023 ICIDS 2018, 2019 Nordes 2019, 2023 NordiCHI 2020—2022 OzCHI 2020

Work in Progress Chair, TEI 2019 Associate Pictorials Chair, TEI 2022 Associate Papers Chair, CHI 2018, 2019, 2021 Associate Papers Chair, DIS 2017, 2019—2021

> PDC 2018 RTD 2017, 2019 SUI 2019 TEI 2014—2023 UbiComp 2015, 2021

JOURNAL REVIEWING

AI & Society, Communication and the Public, Design Issues, Digital Creativity, IEEE Pervasive Computing, Informatics, Interaction Design & Architecture (IxD&A), International Journal of Design, International Journal of Human-Computer Interaction, Mobilities, Multimodal Technologies and Interaction, Transactions of Computer-Human Interaction (ToCHI)

INSTITUTIONAL SERVICE

ITU COPENHAGEN

Faculty Union Coordinating Committee Mentor, Teacher Development Program Evaluation Committee, PhD applications (ITU Copenhagen & Oslo School of Architecture and Design) External Censor, København University and Aarhus University Climate Strategy Working Group

GEORGIA INSTITUTE OF TECHNOLOGY

Steering Committee, DARIA (Design as Research in the Americas) Ivan Allen College Graduate Student Advisory Board Digital Media Student Committee

CORNELL UNIVERSITY

Executive Board, SIGCHI Student Chapter

INDUSTRY EXPERIENCE

Research Intern, HCI Devices Group, AT&T Labs, Florham Park, NJ.	2013
Web Developer, Digital Media Group, Marvel Entertainment, New York, NY.	2011
User Experience Manager, Efficiency 2.0, New York, NY	2008 — 2010

PROFESSIONAL AFFILIATIONS

Association for Computing Machinery (ACM) ACM Special Interest Group on HCI (SIGCHI) Design Research Society (DRS) Society for Social Studies of Science (4S)