

Yvonne Jansen

Personal Information

Email: yvonne.jansen@cnrs.fr, Web: yvonnejansen.me Google scholar: [link](#)
Affiliation: Laboratoire Bordelais de Recherche en Informatique (LaBRI), Université de Bordeaux
Postal Address: Inria, 200 avenue de la vieille tour, 33405 Talence, France

Research Statement

My research focus until mid-2021 has been on studying how direct physical interaction with information can help people make sense of data generated in their current environment or relevant to that environment, for example, in the context of physical activities in maker spaces. In September 2021, I reoriented my research to focus on ways to help the general public explore and understand data relating their personal needs and activities to the accelerating deterioration of the environment. The majority of people in France and most other countries are very much aware of the damage inflicted on the planet due to human activity, and many are willing to make changes in their lives to limit the damage being done. Yet, for non-experts it is not easy figuring out what actually makes a difference. There are many recommendations available, but many of these ignore orders of magnitude (such as the importance of turning off the light when leaving a room versus taking one less flight per year), or they ignore constraints imposed by individual differences, for example, giving up one's car is difficult for those living far from decent public transportation. My research aims to explore different ways in which we can *give agency to people* such that they are not simply told what kind of “eco-gestures” they should adopt, but instead enable them to identify and explore data relevant to their everyday experience, such that people can form an evidence-based intuition how concrete actions (like buying a new phone or a pair of jeans) affects the environment, how the frequency of specific actions makes a huge difference, but also making sense of policy changes, and how these may affect one personally as well as the country or planet as a whole. As this is a pluridisciplinary research effort, I started new collaborations with researchers from LESSAC (behavioral economists) and CIRED (environmental modeling) who are also both partners in the recently (2022) accepted ANR project Be·Aware.

Education

- 2014 **PhD in computer science** (mention: très honorable) from Université Paris Sud XI
Title: Physical and Tangible Information Visualization
Thesis director: Jean-Daniel Fekete (Inria)
Defended March 10, 2014
- 2011 **Diplom Informatik** (German degree, equivalent to MSc / Bac+5) from RWTH Aachen, Germany
Title: MudPad—Localized Tactile Feedback on Multi Touch Surfaces
Advisors: Jan Borchers and Martina Ziefle (both RWTH Aachen University)

Employment History

- Change of affiliation to LaBRI, Université de Bordeaux since Sep 2021
- 2018/19 Maternity leave (16 weeks)
- Oct 2016 CNRS research scientist at Institut des Systèmes Intelligents et de Robotique (ISIR), Sorbonne Université
- 2016 Assistant Professor at University of Copenhagen, Denmark
- 2014 Postdoctoral Researcher at the University of Copenhagen, Denmark, with Kasper Hornbæk
- 2011 PhD student with the AVIZ team, Inria Saclay, funded by *allocations de recherche de ministère*

Prices & Awards

- 2022 Best paper award, honorable mention at ACM CHI (top 5% of submissions) with Morgane Koval: *Do You See What You Mean? Using Predictive Visualizations to Reduce Optimism in Duration Estimates*
- 2021 Best paper award at IEEE VIS: *Perception! Immersion! Empowerment! Superpowers as Inspiration for Visualization*
- 2019 Best paper award at ACM CHI (top 1% of submissions): *Increasing the Transparency of Research Papers with Explorable Multiverse Analyses*
- 2018 Best paper award at ACM CHI (top 1% of submissions): *How Relevant Are Incidental Power Poses for HCI?*
- 2014 Second price for *Prix de thèse Gilles Kahn* (out of 47 submissions, [official page](#))
- 2010 Second price for ACM CHI student research competition (out of 56 submissions, [link](#))
- 2010 Best note award at the ACM ITS conference for *MudPad: tactile feedback and haptic texture overlay for touch surfaces. (awarded to a single submission by the program committee)*
- 2010 Best demo award at ACM ITS for *MudPad: a tactile memory game.*
(conference attendees voted to select a single demo out of 22 demos during the conference)

Grants

- 2022-2025 Partner on Be·Aware – Bringing Environmental Issues Closer to the Public with Augmented Reality. Collaborative project financed by ANR PRC between Inria Bordeaux, LESSAC (behavioral economy), and CIRED (environmental modeling) (569k€)
- 2020-2024 Partner on EMBER – Visualisations situées pour l'analyse de données personnelles. Collaborative project financed by ANR PRC between Inria Saclay, Inria Bordeaux, and Sorbonne Université.
- 2018-2023 Coordinator affABLE – Augmenting Fab Labs by Integrating Data Visualization. Project financed by ANR Jeune Chercheur / Jeune Chercheuse
- 2017/18 Coordinator SAHMI – Situated Analysis of Human-Machine Interactions in Smart Environments. Collaborative project between ISIR and COSTECH (UTC Compiègne) financed by the SMART Labex.

Service Activities

- 2022-2024 Member of the selection committee for the best PhD thesis within the GdR IG-RV
- 2020 Guest editor for IEEE Computer Graphics & Applications, special issue on Data Physicalization
- 2018 Technical Program Chair for ACM EICS (Symposium on Engineering Interactive Computing Systems)
- Program committee member** (as *associate chair*, in charge of 6-14 submissions for the full review cycle)
- IEEE InfoVis program committee since 2017
 - ACM CHI program committee 2017, 2018, 2020
 - AFIHM IHM program committee 2017
 - ACM Interactive Tabletops and Surfaces papers track (2014)

Supervision

- PhD students Kim Sauvé (visiting PhD student in early 2022)
Morgane Koval (2020-2023)
Clara Rigaud (since 2019)
Luiz Augusto Morais (PhD Intern, 2018/19)
- Postdocs Ignacio Avellino (2019)
Steve Haroz (2017/18)
- Engineers Vincent Roudaut (2019/20)
Cédric Honnet (2017/18)
- Master students Aymeric Ferron (2022-2023)
Léana Petiot (2022)
Kevin Jabbour (2020)
Morgane Koval (2020)
Sheida Nozari, MSc (2018)
Tiffany Wun (2018)
Jingjing Xie, (2018)
Lucas Rodrigues (2018)
Saiganesh Swaminathan (2013)
- Bachelor students Arthur Grisel-Davy (2018)
Bo Carlsen (2015)

Dissemination (selection)

Open Science Material Sharing

- since 2018 I started sharing supplementary material for all my research projects since 2018 publicly on OSF (the Open Science Framework). My profile featuring 10 public projects can be found at osf.io/tj59s
I also share creative commons versions of relevant figures from my articles on a github repository to facilitate their reuse for others. See <https://github.com/yvonnejansen/Figures>

Websites

- since 2015 ***Data Physicalization Wiki*** at dataphys.org
Since February 2015, I maintain this wiki as a communication platform for the emerging community of people working on physical data representations. The site attracts about 1000 page views per month.
- since 2014 ***The List of Physical Visualizations (and Related Artifacts)*** at dataphys.org/list
The site attracts around 6000 page views per month, and has been featured on several visualization and design blogs.

Workshop organization

- 2022 Dagstuhl seminar on *Transparent Quantitative Research as a User Interface Problem*. Organizers: Kasper Hornbæk, Yvonne Jansen, Amelia A. McNamara, Judy Robertson, Chat Wacharamanatham. Duration 1 week. 25 participants.
- 2018 Dagstuhl seminar on *Data Physicalization*. Organizers: Yvonne Jansen, Bernice Rogowitz, Petra Isenberg, Jason Alexander, Andrew Vande Moere. Duration 1 week, 45 participants
- 2017 Pedagogy & Physicalization, Workshop at ACM DIS 2017. Organizers: Trevor Hogan, Uta Hinrichs, Yvonne Jansen, Samuel Huron, Pauline Gourlet, Eva Hornecker, Bettina Nissen.
- 2016 Exploring the Design Process of Data Physicalization, Workshop at DRS 2016
Organizers: Yvonne Jansen, Pauline Gourlet, Samuel Huron, Uta Hinrichs, Trevor Hogan
- 2016 Tangible Data: Explorations in Data Physicalization. Workshop at ACM TEI 2016 (Feb 14/16).
Organizers: Trevor Hogan, Eva Hornecker, Simon Stusak, Yvonne Jansen, Jason Alexander, Andrew Vande Moere, Uta Hinrichs, Kieran Nolan.
- 2015 Exploring the Challenge of Making Data Physical. Workshop at CHI 2015.
Organizers: Jason Alexander, Yvonne Jansen, Kasper Hornbæk, Johan Kildal, Abhijit Karnik
27 participants
- 2014 Death of the Desktop: Envisioning the Future of Visualization Beyond Desktop Computing. Workshop at IEEE VIS 2014.
Organizers: Yvonne Jansen, Petra Isenberg, Jason Dykes, Sheelagh Carpendale, Daniel Keefe
~100 participants

Software

- 2020 FROE - Framework for running online experiments
A PHP framework facilitating the realization of online experiments with human participants
GPL-3.0 license <https://github.com/yvonnejansen/froe>
- 2019 Memoro
A node.js server to listen to MQTT messages including writing to and accessing a timeseries database (influxDB)
Apache-2.0 license <https://github.com/yvonnejansen/memoro>
- 2018 Explorable Multiverse
Template to create interactive scientific papers which resemble classic ACM article templates but enriched with interactive elements to enable readers to assess the robustness of statistical analyses themselves
GPL-3.0 license <https://github.com/explorabledmultiverse/explorabledmultiverse.github.io>
Demo website: <https://explorabledmultiverse.github.io/>

Publications

In the field of Human Computer Interaction (HCI), publications at top-tier conferences are of highest impact due to their rigorous review processes and low acceptance rates (20-25%). The top-tier conference covering all areas of HCI is ACM CHI – the *SIGCHI Conference on Human Factors in Computing Systems* (~3000 attendees). For Information Visualization, IEEE VIS is the top publication venue (~1200 attendees). Articles accepted at VIS are published in the journal *Transactions on Visualization and Computer Graphics* (TVCG). Stars * indicate articles I presented at a conference.

Open access versions of all my publications can be accessed through HAL. [See here](#) for an online list of my publications with direct links to the respective pdf files.

Book chapters

- [BC3] 2022 Paul Strohmeier, Henning Pohl, Jess McIntosh, Aske Mottelson, Jarrod Knibbe, **Yvonne Jansen**, Joanna Bergström, Kasper Hornbæk.
Body-based User Interfaces.
In Routledge Handbook of Bodily Awareness. Routledge 2022. In press (publisher imposed 1 year embargo before the open access version will be available).
- [BC2] 2021 Pierre Dragicevic, **Yvonne Jansen**, Andrew Vande Moere.
Data Physicalization.
In Springer Handbook of Human Computer Interaction, Edt. Jean Vanderdonckt
Springer Reference.

- [BC1] 2018 Bruce Thomas, Gregory Welch, Pierre Dragicevic, Niklas Elmqvist, Pourang Irani, **Yvonne Jansen**, Dieter Schmalstieg, Aurélien Tabard, Neven Elsayed, Ross Smith, Wesley Willett.
Situated Analytics.
In *Immersive Analytics*, Lecture Notes in Computer Science 11190, Springer, pp.185-220, 2018.

Journal articles

- [J12] 2022 Clara Rigaud, Gilles Bailly, Ignacio Avellino, **Yvonne Jansen**. Exploring Capturing Approaches in Shared Fabrication Workshops: Current Practice and Opportunities. *Proceedings of the ACM on Human-Computer Interaction*, Association for Computing Machinery (ACM), 2022, Issue CSCW 2022, 6 (CSCW2), <10.1145/3555116>. <hal-03695911v2>
- [J11] Brian D Hall, Yang Liu, **Yvonne Jansen**, Pierre Dragicevic, Fanny Chevalier, et al.. A Survey of Tasks and Visualizations in Multiverse Analysis Reports. *Computer Graphics Forum*, Wiley, 2022, 41 (1), pp.402-426. <10.1111/cgf.14443>. <hal-03558950>
- [J10] Wesley Willett, Bon Adriel Aseniero, Sheelagh Carpendale, Pierre Dragicevic, **Yvonne Jansen**, Lora Oehlberg, Petra Isenberg.
Perception! Immersion! Empowerment! Superpowers as Inspiration for Visualization.
IEEE Transactions on Visualization and Computer Graphics 28(1), 2022. **Best paper award**.
- [J9] 2021 Ignacio Avellino, Sheida Nozari, Geoffroy Canlorbe, **Yvonne Jansen**.
Surgical Video Summarization: Multifarious Uses, Summarization Process and Ad-Hoc Coordination.
PACMHCI 5, CSCW1, May 2021, in press.
- [J8] Hessam Djavaherpour, Faramarz Samavati, Ali Mahdavi-Amiri, Fatemeh Yazdanbakhsh, Samuel Huron, Richard Levy, **Yvonne Jansen**, Lora Oehlberg. Data to Physicalization: A Survey of the Physical Rendering Process. *Computer Graphics Forum*, Wiley, 2021, 40 (3), pp.569-598. <10.1111/cgf.14330>. <hal-03440273>
- [J7] 2020 Luiz Morais, **Yvonne Jansen**, Nazareno Andrade, Pierre Dragicevic.
Showing Data about People: A Design Space of Anthropographics.
IEEE Transactions on Visualization and Computer Graphics, in press.
- [J6] 2018 Pierre Dragicevic, **Yvonne Jansen**.
Blinded with Science or Informed by Charts? A Replication Study.
IEEE Transactions on Visualization and Computer Graphics 24(1), 2018.
- [J5] 2017 Wesley Willett, **Yvonne Jansen**, Pierre Dragicevic.
Embedded Data Representations.
IEEE Transactions on Visualization and Computer Graphics 23(1), 2017.
- [J4] 2017 Faisal Taher, **Yvonne Jansen**, Jonathan Woodruff, John Hardy, Kasper Hornbæk, and Jason Alexander.
Investigating the Use of a Dynamic Physical Bar Chart for Data Exploration and Presentation.
IEEE Transactions on Visualization and Computer Graphics 23 (1), 2017.
- [J3] 2016 **Yvonne Jansen**, Kasper Hornbæk.
* A Psychophysical Investigation of Size as a Physical Variable.
IEEE Transactions on Visualization and Computer Graphics 22(1), 2016.
(acceptance rate: 22%) [pdf](#)
- [J2] 2014 Samuel Huron, **Yvonne Jansen**, Sheelagh Carpendale.
Constructing Visual Representations: Investigating the Use of Tangible Tokens.
IEEE Transactions on Visualization and Computer Graphics, 20(12): 2102-2111, 2014.
(acceptance rate: 23%) [pdf](#)
- [J1] 2013 **Yvonne Jansen** and Pierre Dragicevic.
* An interaction model for visualizations beyond the desktop.
IEEE Transactions on Visualization and Computer Graphics, 19(12): 2396-2405, 2013.
(acceptance rate: 25%) [pdf](#)

Peer-reviewed articles at international conferences

- [C16] 2022 Morgane Koval, **Yvonne Jansen**. Do You See What You Mean? Using Predictive Visualizations to Reduce Optimism in Duration Estimates. *CHI 2022 - Conference on Human Factors in Computing Systems*, Apr 2022, New Orleans, United States. <10.1145/3491102.3502010>. <hal-03599998> **Best paper Honorable mention award**
- [C15] 2021 Luiz Morais, Yvonne Jansen, Nazareno Andrade, Pierre Dragicevic.
Can Anthropographics Promote Prosociality? A Review and a Large-Sample Study.
In *Proceedings of ACM CHI 2021*, in press.

- [C14] 2019 Pierre Dragicevic, **Yvonne Jansen**, Abhraneel Sarma, Matthew Kay, Fanny Chevalier. Increasing the Transparency of Research Papers with Explorable Multiverse Analyses. In Proceedings of CHI 2019. ACM. **Best paper award.**
- [C13] 2019 **Yvonne Jansen**, Jonas Schjerlund, Kasper Hornbæk. Effects of Locomotion and Visual Overview on Spatial Memory when Interacting with Wall Displays. In Proceedings of CHI 2019. ACM.
- [C12] 2018 **Yvonne Jansen**, Kasper Hornbæk. How Relevant are Incidental Power Poses for HCI? In Proceedings of CHI'18. ACM. **Best paper award.**
- [C11] 2017 Samuel Huron, Pauline Gourlet, Uta Hinrichs, Trevor Hogan, **Yvonne Jansen**. Let's Get Physical: Promoting Data Physicalization in Workshop Formats. In Proceedings of DIS 2017, pp.1409 - 1422, 2017, [pdf](#).
- [C10] 2015 Mikkel R. Jakobsen, **Yvonne Jansen**, Sebastian Boring, Kasper Hornbæk. Should I Stay or Should I Go? Selecting Between Touch and Mid-air Gestures For Large-Display Interaction. In Proceedings of INTERACT'15. Springer, 2015, pp. 455-473, [pdf](#).
- [C9] * **Yvonne Jansen**, Pierre Dragicevic, Petra Isenberg, Jason Alexander, Abhijit Karnik, Johan Kildal, Sriram Subramanian, Kasper Hornbæk. Opportunities and Challenges in Data Physicalization. In Proceedings of CHI'15. ACM, 2015, pp. 3227-3236. (acceptance rate: 23%) [pdf](#)
- [C8] Faisal Taher, John Hardy, Abhijit Karnik, Christian Weichel, **Yvonne Jansen**, Kasper Hornbæk, Jason Alexander. Exploring Interactions with Physically Dynamic Bar Charts. In Proceedings of CHI'15. ACM, 2015, pp. 3237-3246. (acceptance rate: 23%) [pdf](#)
- [C7] 2014 Saiganesh Swaminathan, Conglei Shi, **Yvonne Jansen**, Pierre Dragicevic, Lora Oehlberg, Jean-Daniel Fekete. Supporting the design and fabrication of physical visualizations. In Proceedings of CHI'14. ACM, 2014, pp. 3845-3854. (acceptance rate: 23%) [pdf](#)
- [C6] 2013 **Yvonne Jansen**, Pierre Dragicevic, Jean-Daniel Fekete. * Evaluating the efficiency of physical visualizations. In Proceedings of CHI'13. ACM, 2013, pp. 2593-2602. (acceptance rate: 20%) [pdf](#)
- [C5] 2012 **Yvonne Jansen**, Pierre Dragicevic, Jean-Daniel Fekete. * Tangible remote controllers for wall-size displays. In Proceedings of CHI'12. ACM, 2012, pp. 2865-2874. (acceptance rate: 23%) [pdf](#)
- [C4] 2010 **Yvonne Jansen**, Thorsten Karrer, Jan Borchers. * Mudpad: tactile feedback and haptic texture overlay for touch surfaces. ACM International Conference on Interactive Tabletops and Surfaces. ACM. (acceptance rate: 28%, **best note award**) [pdf](#)
- [C3] 2009 Malte Weiss, Julie Wagner, **Yvonne Jansen**, Roger Jennings, Ramsin Khoshabeh, James D Hollan, Jan Borchers. Slap widgets: bridging the gap between virtual and physical controls on tabletops. In Proceedings of CHI'09. ACM, 2009, pp. 481-490. (acceptance rate: 25%) [pdf](#)
- [C2] Malte Weiss, Julie Wagner, Roger Jennings, **Yvonne Jansen**, Ramsin Khoshabeh, James D Hollan, Jan Borchers. Slapbook: tangible widgets on multi-touch tables in groupware environments. In Proceedings of TEI'09. ACM, 2009, pp. 297-300. (acceptance rate: 44%) [pdf](#)
- [C1] 2007 Eric Lee, Marius Wolf, **Yvonne Jansen**, Jan Borchers. Rexband: a multi-user interactive exhibit for exploring medieval music. Proceedings of NIME, New interfaces for musical expression. ACM, 2007, [pdf](#)

Invited articles

- [I2] 2015 **Yvonne Jansen**, Pierre Dragicevic, Les représentations physiques de données, I2D—Information, données & documents, 52 (2), 37-37.
- [I1] 2015 **Yvonne Jansen** Visualisation physique et tangible de l'information 1024- Bulletin de la société informatique de France - numéro 6 - Juillet 2015

Workshop organizer proposals

- [WP5] 2017 T. Hogan, U. Hinrichs, **Y. Jansen**, S. Huron, P. Gourlet, E. Hornecker, B. Nissen.
Pedagogy & Physicalization. Designing Learning Activities around Physical Data Representations.
Workshop co-located with the ACM DIS conference, June 2017.
- [WP4] 2016 **Y. Jansen**, P. Gourlet, S. Huron, U. Hinrichs, T. Hogan.
Exploring the Design Process of Data Physicalization.
Workshop co-located with the DRS conference 2016.
- [WP3] 2016 T. Hogan, E. Hornecker, S. Stusak, **Y. Jansen**, J. Alexander, A. Vande Moere, U. Hinrichs, K. Nolan.
Tangible Data: Explorations in Data Physicalization.
Workshop at ACM TEI, Feb 14, 2016.
- [WP2] 2015 J. Alexander, **Y. Jansen**, K. Hornbæk, J. Kildal, A. Karnik.
Exploring the Challenges of Making Data Physical.
Workshop at CHI2015, April 19, 2015.
- [WP1] 2014 **Y. Jansen**, P. Isenberg, J. Dykes, S. Carpendale, D. Keefe.
Death of the Desktop: Envisioning the Future of Visualization Beyond the Desktop.
Workshop at IEEE VIS 2014, Nov 2014.

Workshop submission

- [WS5] 2022 **Yvonne Jansen**, Federica Bucchieri, Pierre Dragicevic, Martin Hachet, Morgane Koval, Léana Petiot, Arnaud Prouzeau, Dieter Schmalstieg, Lijie Yao, Petra Isenberg.
Envisioning Situated Visualizations of Environmental Footprints in an Urban Environment.
VIS4Good - Visualization for Social Good workshop held as part of IEEE VIS 2022, Oct 2022, Oklahoma City, United States.
- [WS4] Vincent Casamayou, Yvonne Jansen, Pierre Dragicevic, Arnaud Prouzeau.
Ride Your Data: Raise your Arms, Scream, and Experience your Data from a Roller Coaster Cart.
alt.VIS workshop held as part of IEEE VIS 2022, Oct 2022.
- [WS3] Clara Rigaud, Yvonne Jansen, Gilles Bailly.
Automating Documentation Considered Harmful (Some of the Time).
CHI'22 Workshop: Reimagining Systems for Learning Hands-on Creative and Maker Skills, 2022.
- [WS2] 2021 Lonni Besançon, Anastasia Bezerianos, Pierre Dragicevic, Petra Isenberg, **Yvonne Jansen**.
Publishing Visualization Studies as Registered Reports: Expected Benefits and Researchers' Attitudes.
alt.VIS workshop at IEEE VIS 2021, Oct 2021.
- [WS1] 2014 Pierre Dragicevic, **Yvonne Jansen**.
Computer-Mediated Alleviation of the Planning Fallacy.
DECISIVE Workshop: Dealing with Cognitive Biases in Visualisations.
Workshop at IEEE VIS 2014, Nov 2014.

Extended abstracts for posters

- [EA5] 2013 Benjamin Bach, Pierre Dragicevic, Samuel Huron, Petra Isenberg, **Yvonne Jansen**, Charles Perin, Andre Spritzer, Romain Vuillemot, Wesley Willett, Tobias Isenberg.
Illustrative Data Graphics in 18th-19th Century Style: A Case Study.
Electronic Proceedings of IEEE VIS 2013, Oct 2013.
- [EA4] Pierre Dragicevic, Benjamin Bach, Nicole Dufournaud, Samuel Huron, Petra Isenberg, **Yvonne Jansen**, Charles Perin, Andre Spritzer, Romain Vuillemot, Wesley Willett, Tobias Isenberg.
Visual Showcase: An Illustrative Data Graphic in an 18th-19th Century Style.
Visual Showcase at the Joint ACM/EG Symposium on Computational Aesthetics, Sketch-Based Interfaces and Modeling, and Non- Photorealistic Animation and Rendering (Expressive 2013), Jul 2013.
- [EA3] Céline Coutrix, Guillaume Riviere, Katarzyna Borgiel, Julien Castet, Nadine Couture, Ullmer Brygg, Geelhaar Jens, Patrick Reuter, Nawel Takouachet, Christophe Kolski, Sophie Lepreux, Jérémy Legardeur, Sebastien Kubicki, **Yvonne Jansen**, Amira Bouadid.
Methods for Designing Tangible UI: A First Comparative Case Study.
ACM TEI – Conference on Tangible, Embedded and Embodied Interaction, Feb 2013.
- [EA2] 2012 **Yvonne Jansen**, Pierre Dragicevic, and Jean-Daniel Fekete.
Investigating Physical Visualizations.
Electronic Proceedings of IEEE VisWeek 2012.
- [EA1] 2010 **Yvonne Jansen**.
Mudpad: Fluid Haptics for Multitouch Surfaces.
Extended Abstracts on Human Factors in Computing Systems (CHI'10). ACM.
(student research competition, awarded the second price)

Extended abstracts for demonstrations

- [D6] Saiganesh Swaminathan, Shi Conglei, **Yvonne Jansen**, Pierre Dragicevic, Lora Oehlberg, Jean-Daniel Fekete. Creating Physical Visualizations with MakerVis. Extended Abstracts of the 2014 annual conference on Human factors in computing systems (CHI'14). ACM.
- [D5] **Yvonne Jansen**, Thorsten Karrer, and Jan Borchers. MudPad: Tactile Feedback for Touch Surfaces. Extended Abstracts of the 2011 annual conference on Human factors in computing systems, (CHI'11).
- [D4] **Yvonne Jansen**, Thorsten Karrer, and Jan Borchers. MudPad - A Tactile Memory Game. Adjunct Proceedings of the ACM International Conference on Interactive Tabletops and Surfaces (ITS'10). ACM. (Best Demo Award)
- [D3] **Yvonne Jansen**, Thorsten Karrer, and Jan Borchers. MudPad: Localized Tactile Feedback on Touch Surfaces. UIST'10 Extended Abstracts, New York, NY, October 2010.
- [D2] Malte Weiss, Julie Wagner, Roger Jennings, **Yvonne Jansen**, Ramsin Khoshabeh, James D. Hollan, and Jan Borchers.
SLAP Widgets: Bridging the Gap Between Virtual and Physical Controls on Tabletops. Extended Abstracts on Human Factors in Computing Systems (CHI'09), New York, NY, USA, 2009. ACM Press.
- [D1] Malte Weiss, Julie Wagner, Roger Jennings, **Yvonne Jansen**, Ramsin Khoshabeh, James D. Hollan, and Jan Borchers.
SLAPbook: Tangible Widgets on Multi-touch Tables in Groupware Environments. TEI'09: Proceedings of the 3rd international conference on Tangible and embedded interaction.

Theses

- 2014 Yvonne Jansen, Physical and Tangible Information Visualization, PhD thesis, Université Paris-Sud XI, 2014, [pdf](#).
- 2011 Yvonne Jansen, MudPad – Localized Tactile Feedback on Multi Touch Surfaces. Diploma thesis, RWTH Aachen University, 2011, [pdf](#).

Preprints

- 2021** Lonni Besançon, Yvonne Jansen, Andy Cockburn, Pierre Dragicevic. Definitely Maybe: Hedges And Boosters in the HCI Literature.
Lonni Besançon, Anastasia Bezerianos, Pierre Dragicevic, Petra Isenberg, Yvonne Jansen. Publishing Visualization Studies as Registered Reports: Expected Benefits and Researchers' Attitudes.