
48 refereed publications, including:

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- 10 journal articles
- 12 full conference papers
- 1 book chapter
- 7 short papers and workshop papers
- 9 conference posters
- 3 doctoral consortia
- 5 workshops
- 6 manuscripts under review or in preparation

Conference Papers

- C12. **Jonas Oppenlaender**. 2025. Past, Present, and Future of Citation Practices in HCI. Proceedings of the 2025 CHI Conference on Human Factors in Computing Systems (CHI '25). ACM, New York, NY, USA. 10.1145/3706598.3713556
- C11. **Jonas Oppenlaender** and Simo Hosio. 2025. Keeping Score: A Quantitative Analysis of How the CHI Community Appreciates Its Milestones. Proceedings of the 2025 CHI Conference on Human Factors in Computing Systems (CHI '25). ACM, New York, NY, USA. 10.1145/3706598.3713464
- C10. **Jonas Oppenlaender**, Johanna Silvennoinen, Ville Panaanen, and Aku Visuri. 2023. Perceptions and Realities of Text-to-Image Generation. Proceedings of the 26th International Academic Mindtrek Conference (Academic Mindtrek '23). ACM, New York, NY, USA. 10.1145/3616961.3616978
- C9. **Jonas Oppenlaender**. 2022. The Creativity of Text-to-Image Generation. In Proceedings of the 25th International Academic Mindtrek Conference (Academic Mindtrek '22). ACM, New York, NY, USA, 192–202. 10.1145/3569219.3569352
- C8. **Jonas Oppenlaender**. 2022. The Perception of Smart Contracts for Governance of the Metaverse. In Proceedings of the 25th International Academic Mindtrek Conference (Academic Mindtrek '22). ACM, New York, NY, USA, 1–8. 10.1145/3569219.3569300
- C7. **Jonas Oppenlaender**, Elina Kuosmanen, Andrés Lucero, and Simo Hosio. 2021. Hardhats and Bungaloos: Comparing Crowdsourced Design Feedback with Peer Design Feedback in the Classroom. In Proceedings of the 2021 CHI Conference on Human Factors in Computing Systems (CHI '21). ACM, New York, NY, USA, 1–14. 10.1145/3411764.3445380
- C6. **Jonas Oppenlaender**, Kristy Milland, Aku Visuri, Panos Ipeirotis and Simo Hosio. 2020. Creativity on Paid Crowdsourcing Platforms. In Proceedings of the 2020 ACM CHI Conference on Human Factors in Computing Systems (CHI '20). ACM, New York, NY, USA, 1–14. 10.1145/3313831.3376677
- C5. **Jonas Oppenlaender** and Simo Hosio. 2019. Design Recommendations for Augmenting Creative Tasks with Computational Priming. In Proceedings of the 18th International Conference on Mobile and Ubiquitous Multimedia (MUM '19). ACM, New York, NY, USA, Article 35, 1–13. 10.1145/3365610.3365621
- C4. **Jonas Oppenlaender**, Elina Kuosmanen, Jorge Goncalves and Simo Hosio. 2019. Search Support for Exploratory Writing. In Human-Computer Interaction – INTERACT 2019 (LNCS 11748), David Lamas, Fernando Loizides, Lennart Nacke, Helen Petrie, Marco Winckler, and Panayiotis Zaphiris (eds.). Springer International Publishing, Cham, Switzerland, 314–336. DOI: 10.1007/978-3-030-29387-1_18
- C3. Simo Hosio, Andy Alorwu, Niels van Berkel, Miguel Bordallo, Mahalakshmy Seetharaman, **Jonas Oppenlaender**, and Jorge Goncalves. 2019. Fueling AI with Public Displays? A Feasibility Study of Collecting Biometrically Tagged Consensual Data on a University Campus. In Proceedings of

the 8th ACM International Symposium on Pervasive Displays (PerDis '19). ACM, New York, NY, USA, Article 14, 1–7. 10.1145/3321335.3324943

- C2. **Jonas Oppenländer**, Falko Glöckler, Jana Hoffmann, and Claudia Müller-Birn. 2017. Bewertung von Reifegradmodellen für ein integriertes Forschungsdatenmanagement für multi-disziplinäre Forschungsorganisationen. In Jonas Kratzke and Vincent Heuveline (eds.). 2017. E-Science-Tage 2017: Forschungsdaten managen. hei-BOOKS, Heidelberg, Germany, 53–64. 10.11588/heibooks.285.377
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- J10. **Jonas Oppenlaender**, Rhema Linder, and Johanna Silvennoinen. 2024. Prompting AI Art: An Investigation into the Creative Skill of Prompt Engineering. *International Journal of Human-Computer Interaction*. Taylor & Francis. arXiv pre-print 10.48550/arXiv.2303.13534
- J9. **Jonas Oppenlaender**, Tahir Abbas, and Ujwal Gadiraju. 2024. The State of Pilot Study Reporting in Crowdsourcing: A Reflection on Best Practices and Guidelines. *Proceedings of the ACM on Human-Computer Interaction*. Volume 8, No. CSCW1, Article 184. ACM, New York, NY, USA, 45 pages. 10.1145/3641023
- J8. Aura Kaarivuo, **Jonas Oppenländer**, Tommi Kärkkäinen, and Tommi Mikkonen. 2024. Exploring Emergent Soundscape Profiles from Crowdsourced Audio Data. *Computers, Environment and Urban Systems*, Vol. 110. 10.1016/j.compenvurbsys.2024.102112
- J7. **Jonas Oppenlaender**. 2023. A Taxonomy of Prompt Modifiers for Text-to-Image Generation. *Behaviour & Information Technology*. Taylor & Francis, 14 pages. 10.1080/0144929X.2023.2286532
- J6. Ville Panaanen, **Jonas Oppenlaender**, and Aku Visuri. 2023. Using Text-to-Image Generation for Architectural Design Ideation. *International Journal of Architectural Computing*. SAGE. 10.1177/14780771231222783
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- J4. **Jonas Oppenlaender**, Thanassis Tiropanis, and Simo Hosio. 2020. CrowdUI: Supporting Web Design with the Crowd. In *Proceedings of the ACM on Human-Computer Interaction (PACM-HCI)*, Vol. 4, No. EICS, Article 76. ACM, New York, NY, USA, 28 pages. 10.1145/3394978
- J3. Andy Alorwu, Niels van Berkel, Jorge Goncalves, **Jonas Oppenlaender**, Miguel Bordallo López, Mahalakshmy Seetharaman, and Simo Hosio. 2020. Crowdsourcing Sensitive Data using Public Displays: Opportunities, Challenges, and Considerations. *Personal and Ubiquitous Computing*. Springer, 16 pages. 10.1007/s00779-020-01375-6
- J2. Simo Hosio, Niels van Berkel, **Jonas Oppenlaender**, and Jorge Goncalves. 2020. Crowdsourcing Personalized Weight Loss Diets. *IEEE Computer*, 53(1), 63–71. 10.1109/MC.2019.2902542
- J1. Simo Hosio, Jaro Karppinen, Niels van Berkel, **Jonas Oppenlaender**, and Jorge Goncalves. 2018. Mobile Decision Support and Data Provisioning for Low Back Pain. *IEEE Computer*, 51(8), 34–43. 10.1109/MC.2018.3191250

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- B1. **Jonas Oppenlaender**. 2024. The Cultivated Practices of Text-to-Image Generation. “Humane Autonomous Technology. Re-thinking Experience with and in Intelligent Systems,” Rebekah Rousi, Catharina von Koskull, and Virpi Roto (Eds.), Palgrave Macmillan, 325–349. 10.1007/978-3-031-66528-8.14

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- W5. **Jonas Oppenlaender**, Sylvain Malacria, Xinrui Fang, Niels van Berkel, Fanny Chevalier, Koji Yatani, and Simo Hosio. 2025. Meta-HCI: First Workshop on Meta-Research in HCI. In Adjunct Proceedings of the 2025 ACM CHI Conference on Human Factors in Computing Systems (CHI '25). ACM, New York, NY, USA, 13 pages.
- W4. Andy Alorwu, Saiph Savage, Niels van Berkel, Dmitry Ustalov, Alexey Drutsa, **Jonas Oppenlaender**, Oliver Bates, Danula Hettiachchi, Ujwal Gadiraju, Jorge Goncalves, and Simo Hosio. REGROW: Reimagining Global Crowdsourcing for Better Human and Artificial Intelligencies Collaboration. 2022. In Adjunct Proceedings of the 2022 CHI Conference on Human Factors in Computing Systems (CHI '22). ACM, New York, NY, USA. 10.1145/3491101.3503725
- W3. Ville Paananen, Piia Markkanen, **Jonas Oppenlaender**, Lik Hang Lee, Haider Akmal, Ava Fatah gen. Schieck, John Dunham, Konstantinos Papangelis, Nicolas Lalone, Niels van Berkel, Jorge Goncalves, and Simo Hosio. 2021. 2VT: Visions, Technologies, and Visions of Technologies for Understanding Human Scale Spaces. In Extended Abstracts of the 2021 CHI Conference on Human Factors in Computing Systems (CHI EA '21). ACM, New York, NY, USA, 9 pages. 10.1145/3411763.3441315
- W2. **Jonas Oppenlaender**, Naghmi Shireen, Maximilian Mackeprang, Halil Erhan, Jorge Goncalves, and Simo Hosio. 2019. Workshop on Crowd-powered Interfaces for Creative Design Thinking. In Proceedings of the 2019 ACM SIGCHI Conference on Creativity and Cognition (C&C '19). ACM, New York, NY, USA, 722–729. 10.1145/3325480.3326553
- W1. **Jonas Oppenlaender**, Maximilian Mackeprang, Abderahmane Khiat, Maja Vuković, Jorge Goncalves, and Simo Hosio. 2019. DC^2S^2 : Designing Crowd-powered Creativity Support Systems. In Adjunct Proceedings of the 2019 ACM CHI Conference on Human Factors in Computing Systems (CHI '19). ACM, New York, NY, USA, W06, 8 pages. 10.1145/3290607.3299027

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- S7. **Jonas Oppenlaender**. 2025. Multi-laboratory experiments are the next big thing in HCI. Interactions, Blog@IX (May–June), ACM, New York, NY, USA, 3 pages. 10.1145/3725722
- S6. **Jonas Oppenlaender**, Aku Visuri, Ville Paananen, Rhema Linder, and Johanna Silvennoinen. Text-to-Image Generation: Perceptions and Realities. Workshop on Generative AI in HCI (CHI '23), 5 pages. 10.48550/arXiv.2303.13530
- S5. Mary Ann Tan, Tabea Tietz, Oleksandra Bruns, **Jonas Oppenlaender**, Danilo Dessi, and Harald Sack. 2021. DDB-KG: The German Bibliographic Heritage in a Knowledge Graph. HistoInformatics 2021 Workshop, 8 pages. ceur-ws.org/Vol-2981/paper2.pdf
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- S2. **Jonas Oppenlaender** and Simo Hosio. 2019. Supporting Creative Work with Crowd Feedback Systems. In Proceedings of the Workshop on Designing Crowd-powered Creativity Support Systems (DC²S²), CHI '19. Glasgow, UK. 10.48550/arXiv.2004.09204
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- D3. **Jonas Oppenländer**. 2020. Unterstützung Kreativer Arbeit mit Crowdsourcing. Doktoranden-seminar, Mensch und Computer (MuC '20). 5 pages. 10.31219/osf.io/7pmnc
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- P6. **Jonas Oppenlaender**. 2020. Socially Augmented Crowdsourced Collection of Folk Theories. In Proceedings of the Conference on Human Computation and Crowdsourcing (HCOMP '20). AAAI, New York, NY, USA, 3 pages. humancomputation.com/2020/.../HCOMP_2020_paper_86.pdf
- P5. Panos Kostakos, Alavesa Paula, **Jonas Oppenlaender**, and Simo Hosio. 2019. VR Ethnography: A pilot study on the use of virtual reality 'go-along' interviews in Google Street View. In Proceedings of the 18th International Conference on Mobile and Ubiquitous Multimedia (MUM '19). ACM, New York, NY, USA, Article 53, 1–5. 10.1145/3365610.3368422
- P4. **Jonas Oppenlaender** and Simo Hosio. 2019. Towards Eliciting Feedback for Artworks on Public Displays. In Proceedings of the ACM Conference on Creativity & Cognition (C&C '19). ACM, New York, NY, USA, 562–569. 10.1145/3325480.3326583
- P3. **Jonas Oppenlaender**. 2019. Crowd-powered Self-Accelerating Knowledge Systems. ACM Conference on Collective Intelligence, Pittsburgh, PA, USA, 4 pages (retracted)
- P2. **Jonas Oppenlaender** and Simo Hosio. 2019. Experizone: Integrating Situated Scientific Experimentation with Teaching of the Scientific Method. In Proceedings of the CHI Conference on Human Factors in Computing Systems Extended Abstracts (CHI '19). ACM, New York, NY, USA, LBW1519, 6 pages. 10.1145/3290607.3313043

- P1. **Jonas Oppenlaender**, Jesse J. Benjamin, and Claudia Müller-Birn. 2017. Socio-technical Revelation of Knowledge Transfer Potentials. In Proceedings of the 5th AAAI Conference on Human Computation and Crowdsourcing (HCOMP '17), AAAI, 2 pages. humancomputation.com/2017/papers/91-hcomp-paper-final.pdf

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- M6. **Jonas Oppenlaender**. DangerMaps: Personalized Safety Advice for Travel in Urban Environments using a Retrieval-Augmented Language Model. arXiv pre-print
- M5. **Jonas Oppenlaender**, Hannah Johnston, Johanna Silvennoinen, and Helena Barranha. Artworks Reimagined: Exploring Human-AI Co-Creation through Body Prompting. arXiv pre-print 10.48550/arXiv.2408.05476.
- M4. Johanna Silvennoinen, Kristof Fenyvesi, Takumi Yada, Maria Fisk, **Jonas Oppenländer**. Visualizing Futures: Children's Sustainability Solutions with Text-to-Image Generative AI.
- M3. **Jonas Oppenlaender** and Joonas Hämmäläinen. Mapping the Challenges of HCI: An Application and Evaluation of ChatGPT and GPT-4 for Mining Insights at Scale. arXiv pre-print 10.48550/arXiv.2306.05036
- M2. Mahmoud Ali, Niels van Berkel, Benjamin Tag, Ville Paananen, **Jonas Oppenlaender**, Koji Yatani, and Simo Hosio. Investigating Mental Wellbeing Self-Care in Higher Education: Implications for Digital Technologies.
- M1. Ville Paananen, **Jonas Oppenlaender**, Niels van Berkel, and Simo Hosio. Spatial Experience for the Metaverse. Book chapter in Springer Metaverse Handbook.

Doctoral Thesis

Jonas Oppenlaender. 2021. Crowdsourcing Creative Work. Dissertation. University of Oulu, Oulu, Finland, 208 pages, ISBN 978-952-62-3014-6, <https://urn.fi/URN:ISBN:9789526230146>

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- T4. **Jonas Oppenlaender**. 2015. CrowdUI – A tool to remotely source and evaluate user interface adaptations. MSc thesis. Web Science Institute, University of Southampton, United Kingdom, 132 pages
- T3. **Jonas Oppenländer**. 2009. Anwendung des Kano-Modells zur Analyse und Charakterisierung gesellschaftlicher Anforderungen an Produkte. Diplomarbeit. Institute for Product Development and Machine Elements, Technical University of Darmstadt, Germany, 139 pages

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- S2. **Jonas Oppenländer**. 2008. Geschäftskonzept für ein auf P2P basierendes Soziales Netzwerk. Studienarbeit. Dr.-Otto-Röhm-Stiftungsprofessur für Unternehmensgründung. Technical University of Darmstadt, Germany, 203 pages
- S1. **Jonas Oppenländer**. 2008. Entwicklung einer Beschreibungssprache für Produktentwicklungsinhalte. Studienarbeit. Institute for Product Development and Machine Elements. Technical University of Darmstadt, Germany, 129 pages