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|-------------|---------------------------------|--|
| CONTACT     | Crowd Computing group           | <a href="mailto:jonas.oppenlaender@oulu.fi">jonas.oppenlaender@oulu.fi</a> |
| INFORMATION | Center for Ubiquitous Computing |  |
|             | University of Oulu              |  |
|             | Pentti Kaieran katu 1           | <a href="https://github.com/joetm">https://github.com/joetm</a>            |
|             | 90570 Oulu, Finland             | <a href="http://www.jonaso.de">http://www.jonaso.de</a>                    |

## EDUCATION

|                      |   |
|----------------------|---|
| MAY 2018 – PRESENT   | <b>Doctoral student, Computer Science</b><br>University of Oulu, Crowd Computing group<br>Oulu, Finland                                     |
| AUG 2014 – NOV 2015  | <b>Master of Science, Computer Science</b><br>University of Southampton, Web Science Institute<br>Southampton, United Kingdom               |
| JAN 2013 – JULY 2013 | <b>Certificate in Business Analysis</b><br>University of Toronto, School of Continuing Studies<br>Toronto, Canada                           |
| AUG 2005 – JULY 2006 | <b>Erasmus exchange student</b><br>Linköping University, Institute of Technology<br>Linköping, Sweden                                       |
| OCT 2002 – MAR 2011  | <b>Diplom-Wirtschaftsingenieur</b> (Master of Science in Industrial Engineering)<br>Technical University of Darmstadt<br>Darmstadt, Germany |

## RESEARCH EXPERIENCE

|                     |   |
|---------------------|---|
| MAY 2018 – PRESENT  | <b>Doctoral Researcher</b><br>University of Oulu, Center for Ubiquitous Computing<br>Oulu, Finland  |
| AUG 2016 – APR 2018 | <b>Research Assistant</b> (Wissenschaftlicher Mitarbeiter)<br>Freie Universität Berlin, Human-Centered Computing Group<br>Berlin, Germany   |
| AUG 2016 – MAR 2017 | <b>Research Assistant</b> (Wissenschaftlicher Mitarbeiter)<br>Interdisciplinary Cluster of Excellence “ <i>Image Knowledge Gestaltung</i> ”<br>Humboldt University of Berlin<br>Berlin, Germany |

## PROFESSIONAL EXPERIENCE

|                      |   |
|----------------------|---|
| MAY 2016 – JULY 2016 | <b>Full-Stack Web Developer</b><br>Liip AG<br>Bern, Switzerland           |
| OCT 2015 – APR 2016  | <b>Linked Data Developer</b><br>Seme4 Ltd.<br>Southampton, United Kingdom |

AUG 2013 – JULY 2014 **Business Analyst**  
Alstom IS&T  
Paris, France

JUNE 2011 – MAR 2012 **Strategy Analyst Trainee**  
Alstom Power  
Baden, Switzerland

2008 – 2013 **Freelance Full-Stack Web Developer**  
Darmstadt, Germany

JULY 2010 – AUG 2010 **Volunteer**  
Local Economic Development Department  
Radoviš, Macedonia

2000 – 2002 **Military Service**  
Franco-German Brigade  
Donaueschingen, Germany

## PUBLICATIONS

SUMMARY 24 refereed publications:

- 5 journal articles
- 4 conference papers
- 4 short papers and workshop papers
- 6 conference posters
- 3 doctoral consortia
- 2 workshops organized

- PEER-REVIEWED J1. **Jonas Oppenlaender**, Thanassis Tiropanis, and Simo Hosio. 2020. CrowdUI: Supporting Web Design with the Crowd. In Proceedings of the ACM on Human-Computer Interaction, Vol. 4, No. EICS, Article 76. ACM, New York, NY, USA, 28 pages. DOI: 10.1145/3394978
- J2. 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. DOI: 10.1007/s00779-020-01375-6
- J3. Simo Hosio, Niels van Berkel, **Jonas Oppenlaender**, and Jorge Goncalves. 2020. Crowdsourcing Personalized Weight Loss Diets. IEEE Computer, 53(1), 63–71. DOI: 10.1109/MC.2019.2902542
- J4. 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. DOI: 10.1145/3321335.3324943
- J5. 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. DOI: 10.1109/MC.2018.3191250

PEER-REVIEWED  
CONFERENCE  
PAPERS

- C1. **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. DOI: 10.1145/3313831.3376677
- C2. **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. DOI: 10.1145/3365610.3365621
- C3. **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
- C4. **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 management. hei-BOOKS, Heidelberg, Germany, 53–64. DOI: 10.11588/heibooks.285.377

PEER-REVIEWED  
SHORT PAPERS  
AND WORKSHOP  
PAPERS

- C1. **Jonas Oppenlaender**, Kristy Milland, Aku Visuri, Panos Ipeirotis, and Simo Hosio. 2020. What do crowd workers think about creative work? In Proceedings of the Workshop on Worker-Centered Design at CHI '20. Honolulu, HI, USA.
- C2. **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 ( $DC^2S^2$ ) at CHI '19. Glasgow, UK.
- C3. **Jonas Oppenlaender**, Kennedy Opoku Asare, and Simo Hosio. 2018. Campus-Tracker: Assessing Mobile Workers' Momentary Willingness to Work on Paid Crowdsourcing Tasks. In Proceedings of the 2018 ACM International Joint Conference and 2018 International Symposium on Pervasive and Ubiquitous Computing and Wearable Computers (UbiComp '18). ACM, New York, NY, USA, 648–653. DOI: 10.1145/3267305.3267550.
- C4. **Jonas Oppenlaender**, Jesse J. Benjamin, and Claudia Müller-Birn. 2018. Towards Sociotechnical Management of Intra-Organisational Knowledge Transfer. In Paul Drews, Burkhardt Funk, Peter Niemeyer, and Lin Xie (eds.). 2018. Multi-konferenz Wirtschaftsinformatik (MKWI '18). Leuphana Universität, Lüneburg, Germany, Band 1, 307–313.

WORKSHOPS  
ORGANIZED

- W1. **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. DOI: 10.1145/3325480.3326553
- W2. **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. DOI: 10.1145/3290607.3299027

## DOCTORAL CONSORTIA

- DC1. **Jonas Oppenländer**. 2020. Unterstützung Kreativer Arbeit mit Crowdsourcing. Doktorandenseminar, Mensch und Computer (MuC '20). 5 pages. DOI: 10.31219/osf.io/7pmnc
- DC2. **Jonas Oppenlaender**. 2020. Crowd-powered Creativity Support Systems. In Proceedings of 12th ACM SIGCHI Symposium on Engineering Interactive Computing Systems (EICS '20). ACM, New York, NY, USA, Article 15, 1–4. DOI: 10.1145/3393672.3398646
- DC3. **Jonas Oppenlaender**. 2019. Supporting Creative Workers with Crowdsourced Feedback. In Proceedings of the 2019 on Creativity and Cognition (C&C'19). ACM, New York, NY, USA, 646–652. DOI: 10.1145/3325480.3326556

## CONFERENCE POSTERS

- P1. **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.
- P2. 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. DOI: 10.1145/3365610.3368422
- P3. **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. DOI: 10.1145/3325480.3326583
- P4. **Jonas Oppenlaender**. 2019. Crowd-powered Self-Accelerating Knowledge Systems. ACM Conference on Collective Intelligence, Pittsburgh, PA, USA, 4 pages (retracted).
- P5. **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. DOI: 10.1145/3290607.3313043
- P6. **Jonas Oppenlaender**, Jesse J. Benjamin, and Claudia Müller-Birn. 2017. Socio-technical Revelation of Knowledge Transfer Potentials. In Proceedings of the 5<sup>th</sup> AAAI Conference on Human Computation and Crowdsourcing (HCOMP '17), AAAI, 2 pages.

## THESES

- T1. **Jonas Oppenländer**. 2015. CrowdUI – A tool to remotely source and evaluate user interface adaptations. MSc thesis. Web Science Institute, University of Southampton, United Kingdom.
- T2. **Jonas Oppenländer**. 2009. Anwendung des Kano-Modells zur Analyse und Charakterisierung gesellschaftlicher Anforderungen an Produkte. Diplomarbeit (MSc thesis). Institute for Product Development and Machine Elements, Technical University of Darmstadt, Germany.

## RECOGNITION AND AWARDS

- SEPT 2020      Invited Member of Doctoral Consortium at Mensch und Computer '20
- JUNE 2020      Invited Member of Doctoral Consortium at EICS '20

|           |  |
|-----------|--|
| JUNE 2019 | Invited Member of Graduate Student Symposium at Creativity & Cognition '19 |
| NOV 2015  | Distinction, University of Southampton                                     |

## SCHOLARSHIPS AND GRANTS

|           |  |
|-----------|--|
| DEC 2020  | Nokia Foundation Scholarship                       |
| OCT 2020  | Jenny and Antti Wihuri Foundation Grant            |
| JUNE 2020 | Riitta and Jorma J. Takanen Foundation Scholarship |
| MAY 2020  | Finnish Foundation for Technology Grant            |
| MAR 2020  | Tauno Tönning Foundation Grant                     |
| DEC 2019  | Nokia Foundation Scholarship                       |
| AUG 2005  | Erasmus Sokrates Scholarship, DAAD                 |
| SEPT 2020 | Course grant, University of Oulu UniOGS            |
| JUNE 2019 | Travel grant, ACM SIGCHI                           |
| MAY 2019  | Travel grant, University of Oulu UniOGS            |
| MAY 2019  | Travel grant, University of Oulu UniOGS            |
| OCT 2018  | Travel grant, Ubicomp/ISWC                         |

## TEACHING EXPERIENCE

### Co-Teacher

|             |  |
|-------------|--|
| 2019 – 2020 | Social Computing (521044A, 30+ students, 5 ECTS, Bachelor) |
|-------------|--|

### Teaching Assistant

|             |   |
|-------------|---|
| 2019 – 2020 | Human-Computer Interaction (521145A, 145+ students, 5 ECTS, Bachelor) |
| 2019        | Applied Computing Project I (521152S, 3 students, 10 ECTS, Master)    |
| 2016 – 2017 | Software Project (4 students, Bachelor and Master)                    |

### Curriculum planning

|      |  |
|------|--|
| 2019 | Social Computing (521044A, Bachelor), University of Oulu               |
| 2018 | Semantic Web Technologies (19305401, Master), Freie Universität Berlin |

## STUDENT SUPERVISIONS

|                      |  |
|----------------------|--|
| DEC 2018 – MAY 2019  | Technical supervisor, Master thesis, Antonio Kongjonaj |
| JUNE 2018 – AUG 2018 | Summer project, Antonio Kongjonaj                      |
| JAN 2018 – APR 2018  | Bachelor thesis, Bastian van de Wetering               |
| DEC 2017 – APR 2018  | Master thesis, Ömer Bayram                             |
| DEC 2017 – APR 2018  | Bachelor thesis, Andre Slava Paderow                   |

AUG 2016 – APR 2017 Master thesis, Immanuel Pelzer

NOV 2016 – JUNE 2017 Software Project, 3 students

DEC 2016 – APR 2018 Supervision of two student research assistants

## ACADEMIC SERVICE

OCT 2020 Student Volunteer, UIST '20, Virtual

OCT 2020 Student Volunteer, CSCW '20, Virtual

JULY 2020 Organizing Committee, Int. Conference on Design Creativity (ICDC 2020), Virtual

MAY 2019 Organizer, Workshop on Designing Crowd-powered Creativity Support Systems (CHI '19), Glasgow, UK

JUNE 2019 Organizer, Workshop on Crowd-Powered Interfaces for Creative Design Thinking (C&C '19), San Diego, CA

JAN 2019 Associate Chair, CHI '19 Late Breaking Work

JUNE 2019 Student Volunteer, Creativity & Cognition (C&C '19), San Diego, CA

OCT 2018 Student Volunteer, Ubicomp/ISWC '18, Singapore

JUNE 2018 Organizing Committee, UBI Summer School 2018 (UBISS '18), Oulu

APR 2018 Program Committee, Studierendekonzferenz Informatik (SKILL '18), Berlin

## PEER REVIEWER

2020 CHI, UIST, IUI, EICS, CSCW, MobileHCI, Human Computation Journal

2019 CHI, UIST, EICS, CSCW, C&C, INTERACT

2018 IMWUT, CSCW, CHI PLAY, HICSS, ICMI, ESWC

## CERTIFICATIONS AND LICENSES

2014 Scrum Master (Scrum Alliance)

2014 Certified Associate in Project Management (PMI)

2014 ITIL v3 Foundation (Axelos)

2013 Certificate in Business Analysis (University of Toronto)

2013 Quality Manager (German Accreditation Body DAkkS)

2010 Zend Certified Engineer PHP 5 (License No. 013105)

2009 Business English Certificate Higher (University of Cambridge)

## LANGUAGES

GERMAN Mother tongue

ENGLISH Very good (TOEFL 114/120, IELTS 8)

FRENCH                      Beginner

SPANISH                    Beginner

## MEMBERSHIPS

ACM                         Association for Computing Machinery

SIGCHI                    ACM Special Interest Group on Computer-Human Interaction

GI                          Gesellschaft für Informatik e.V.

IEEE                        Institute of Electrical and Electronics Engineers