

Simo Hosio (1982): Curriculum Vitae

26.9.2018

Full name: Hosio, Simo Johannes
 Gender: Male
 Date and place of birth: 08.44.1982, Nivala, Finland
 Citizenship: Finnish
 Current residence: Finland, Maakirjantie 17, 90650 Oulu
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Education and degrees awarded

Adjunct Professor (Social Computing): 1.12.2017

University of Oulu, Faculty of Information Technology and Electrical Engineering

Doctor of Technology (Dr. Tech): 23.09.2014

University of Oulu, Faculty of Information Technology and Electrical Engineering

Department of Computer Science and Engineering

Thesis supervisors: Professor Jukka Riekkı, Professor Timo Ojala

External supervisor: Professor Richar Harper (Microsoft Research Cambridge, UK)

Thesis title: "Leveraging Social Networking Services on Multipurpose Public Displays"

Thesis available online at: <http://jultika.oulu.fi/Record/isbn978-952-62-0527-4>

Public defence of thesis on 05.09.2014, opponent Associate Professor Rui José, University of Minho

Master of Science (Technology) (M.Sc.): 17.12.2009

University of Oulu, Faculty of Technology, Department of Electrical and Information Engineering

Major subject: Information Engineering

Thesis supervisor: Professor Jukka Riekkı

Thesis title: "Augmenting Public Spaces with Social Media Elements to Enhance Awareness and Interaction"

Grade: "Excellent" (5/5)

Matriculate graduate: 02.06.2001

Nivala Senior High School

Current position

Adjunct Professor (Social Computing), Deputy Director, Academy of Finland Postdoctoral Fellow at the Community Instrumentation and Awareness research group 1.1.2017 →

Center for Ubiquitous Computing (<http://ubicomp.oulu.fi>)

University of Oulu, Faculty of Information Technology and Electrical Engineering

Previous work experience

Doctoral student / research scientist / project manager. Dec 2009 - Sep 2014

Intelligent Systems Group, MediaTeam, Community Imaging Group

University of Oulu, Oulu, Finland.

Visiting researcher. Jun 2016 - Oct 2016

Center for Spatial Information Science
The University of Tokyo, Japan.

Researcher. Jan 2012 - Jan 2013

Faculty of Art and Design
University of Lapland, Rovaniemi, Finland.
(part time Jan 2012 - Jan 2013)

Research assistant. Apr 2004 - Dec 2009

MediaTeam
University of Oulu, Oulu, Finland.
(part time during spring and fall semesters 2004 - 2006, full time since March 2007)

Visiting researcher. Jan 2007-Oct 2007

Distributed Computing Laboratory
Waseda University, Tokyo, Japan.

Entrepreneur. 2007 →

Several online projects, tools, blogs, websites that I have created, managed and sold. Most kept confidential, but further details available upon request.

Software engineer. Jun 2005 - Aug 2005

Nokia Mobile Phones, Oulu, Finland.
(subcontractor)

Hardware test engineer. May 2003 - Sep 2003

Nokia Networks, Oulu, Finland.

Professional qualifications

Human Research (Biomedical Researchers and Staff, Requirements set by University of California Los Angeles / UCLA), online certification by CITI PROGRAM

Health Insurance Portability and Accountability Act / HIPAA (Biomedical Researchers and Staff, Requirements set by University of California Los Angeles / UCLA), online certification by CITI PROGRAM

GCP – Social and Behavioral Research Best Practices for Clinical Research, Requirements set by University of California Los Angeles / UCLA), online certification by CITI PROGRAM

Linguistic skills

Finnish:	native
English:	excellent spoken and written
Swedish:	adequate spoken and written
German:	adequate spoken and written
Japanese:	beginner spoken

Research funding, supervision, teaching

Personal research projects and grants:

Academy of Finland postdoctoral fellowship: *Crowd-Powered Personal Decision Support Systems* (2015), 386 239 €

Microsoft Research Ph.D. Scholarship (2011), 120 000 €

Oulu University Scholarship Foundation, 3000 €

3x Walter Ahlström Foundation, 3000 € + 4000 € + 3000 €

HPY Research Foundation, 3000 €

Seppo Säynäjäkangas Science Foundation, 3000 €

Research and Training Foundation of TeliaSonera, 3000 € + 3000 €

Oulu University Scholarship Foundation, 4000 €

University of Oulu Graduate School (travel fund), 1000 €

Supervision:

Ongoing Ph.D. Supervision

1. Jonas Oppenlaender (1st supervisor)
2. Valerii Kan (2nd supervisor)
3. Elina Kuosmanen (2nd supervisor)

Doctoral students' follow-up group memberships:

1. Hanna-Leena Huttunen (lead) / elderly care
2. Arto Heikkinen / information retrieval
3. Teemu Tokola / security
4. Tenager Mekonnen / wireless networking

Teaching Merits:

I am currently enrolled to university pedagogy studies (25 ECTS) My teaching experience is as follows:

- 2019 Responsible Teacher: *Social Computing*, 5 ECTS credits
- 2018 Instructor in UBI Summer School 2018, with Prof. Alan Dix from Swansea Computational Foundry, in a track titled "Designing for the Margins"
- 2017, 2018 Responsible Teacher: *Human-Computer Interaction*, 5 ECTS credits
- 2016 Responsible Teacher: *Applied Computing Project I*, 10 ECTS credits
- 2016 Responsible Teacher: *Applied Computing Project II*, 10 ECTS credits
- 2015 Teaching Assistant: *Mobile and Social Computing*, 5 ECTS credits
- 2014, 2015 Teaching Assistant: *Applied Computing Project I*, 10 ECTS credits
- 2014, 2015 Teaching Assistant: *Applied Computing Project II*, 10 ECTS credits
- 2010, 2011, 2012, 2013, 2014 Teaching Assistant: *Distributed Systems*, 8 ECTS credits

Supervision of M.Sc. theses:

1. Henri Heikkinen: E-Recruitment tool to support talent acquisition
2. Vili Seppänen: Enhancing continuous integration processes in agile development using project management tools, 2018
3. Ossi Räikkönen: Käyttöliittymän luottamusta kasvattavat elementit päätöksenteon tukijärjestelmässä, 2016
4. Junjie Zhou: A Mobile Sensing Solution for Indoor/Outdoor State Detection, 2016

5. Mikko Yliniemi: Sensedash: A Generic Science Data Presenter, 2018 (2nd supervisor)
6. Mikko Korhonen: Analyzing resource usage on multi-tenant cloud cluster for invoicing, 2018 (2nd supervisor)
7. Heikki Vallila: Improving part production efficiency by combining data from industrial internet to already existing design data, 2018 (2nd supervisor)
8. Kennedy Opoku Asare: Enabling environmental fingerprinting with an NFC-powered sensor board, 2018 (2nd supervisor)
9. Furqan Ahmed: CrowdPickUp: Task Pick-up in the Wild, 2016 (2nd supervisor)
10. Niko Runtti: UBI-Ghostbusters - Testing a Ubiquitous Game, 2011 (tech supervisor)

Supervision of B.Sc. theses:

1. Dan Ackers: AnswerBot Mobile, 2016
2. Miikka Salmi: Android Operating System and Phidget Devices as a Part of an Intelligent Home Environment, 2012 (tech supervisor)

Ongoing supervision:

1. Saku Huttunen (B.Sc.)
2. Matias Mäkelä (M.Sc.)
3. Mohammed Al-Ani (M.Sc.)
4. Mikko Väisänen (M.Sc.)
5. Mikael Martinviita (M.Sc.)
6. Saku Huttunen (M.Sc.)
7. Niko Leinonen (B.Sc.)
8. Subingqian Hu (B.Sc.)
9. Antti Männikkö (B.Sc.)
10. Alorwu Andy (M.Sc. / technical supervisor)
11. Forhadul Islam (M.Sc. / technical supervisor)

Awards, prizes and honours

- **Best Short Paper Award** for a conference paper “Exploring the Use of Ambient WiFi Signals to Find Vacant Houses” at the 2017 European Conference on Ambient Intelligence
- **Best Full Paper Award** for a conference paper: “Life through the Lens: A Qualitative Investigation of Human Behaviour with an Urban Photography Service” at British HCI 2015
- **Honorable Mention Award** for a conference paper: “CHI 1994-2013: Mapping two decades of intellectual progress through co-word analysis" at CHI 2014
- **Best Presentation Award** at International UBI Summerschool 2011, 2011
- **Best Presentation Award** in ACM HotMobile 2010, Annapolis MD, US. 2010
- **Personal Innovation Award** at Nokia Networks Oulu for contributing a method that improved the local hardware testing processes, Oulu, Finland. 2004
- **1st in class in officer training, Finnish Military, Tikkakoski (Air Force)**
- **Best Creative Writing Award in English**, Upper secondary school, 2000
- **Honorable mention, national math contest**, high school, 1998

Other academic merits

External Ph.D. Examiner:

1. Callum Parker, University of Sydney, Australia: Augmenting Space: Design approaches for making public interactive displays relevant in hyperconnected societies, 2018

Organization committee memberships:

- 2018 Organiser of Workshop on Mobile Human Contributions and Challenges (UbiComp)
 2016 Local Arrangements Chair of “ACM Symposium on Pervasive Displays” (PERDIS)
 2016 Organiser of the Second International Workshop on Mobile and Situated Crowdsourcing (WMSC) 2015 and 2016 (UbiComp)
 2016 Organizer of the First International Workshop on Mobile and Situated Crowdsourcing (WMSC) 2015 and 2016 (UbiComp)
- 2013 Organizing committee chair of "International UBI Summerschool", Oulu, Finland.
 2013 Organizer of “HiCUE '13 -- Human Interfaces for Civic and Urban Engagement” workshop at UbiComp 2013
 2011-2012 Organizing committee member of "International UBI Summerschool", Oulu, Finland

Program committee memberships:

- 2019 Workshops PC member, in Human Factors in Computing Systems (CHI)
 2018 AAAI Conference on Human Computation and Crowdsourcing (HCOMP)
 2016-2018 ACM Symposium on Pervasive Displays (PERDIS)
 2016-2018 Program Committee member of ACM “Conference on Mobile and Ubiquitous Multimedia”
 2017 PerCrowd workshop in IEEE PerCom
 2017 Conference on Mobile Computing, Applications and Services (MOBICASE)
 2014, 2015 Program Committee member of “PD-Apps: Workshop on Developing Applications for Pervasive Display Networks” workshop at PerCom 2014

Edited works:

- 2019 Guest Editor, Special Issue on Human Accuracy in Mobile Data Collection (IJHCS)
 2017 Guest Editor, Special Issue on Mobile and Situated Crowdsourcing (IJHCS)

Other positions of trust in scholarly societies:

IEEE Student Branch Oulu executive committee:

- Public Relations 2010
- Librarian 2008
- Chair 2006
- Vice-chair, Arrangements 2005

Reviewer experience in international conferences and journals:

- ACM SIGCHI Conference on Human Factors in Computing Systems / CHI
- ACM Conference on Computer-Supported Cooperative Work and Social Computing / CSCW
- International Journal on Human-Computer Studies / IJHCS
- International conference on Communities and Technologies / C&T

- AAAI Conference on Weblogs and Social Media / CWSM
- Mobile and Ubiquitous Multimedia / MUM
- Grid and Pervasive Computing / GPC
- Ubiquitous Computing / UbiComp
- Digital Cities WS at Conference on Communities and Technologies / DC
- International Symposium on Pervasive Displays / PERDIS
- Ambient Intelligence / AmI
- International Conference on Weblogs and Social Media / ICWSM
- International Conference on Intelligent Environments / IE
- International Conference on Human-Computer Interaction with Mobile Devices and Services / MobileHCI
- Transactions on Internet Technology / TOIT
- Transactions on Intelligent Systems and Technology / TIST
- The British Human Computer Interaction Conference / B-HCI
- Interacting with Computers / IwC
- International Journal of Human-Computer Studies / IJHCS
- Applied Computing and Informatics / ACI
- Interactive, Mobile, Wearable and Ubiquitous Technologies / IMWUT
- The Social Science Journal / SSJ
- Interactive Surfaces and Spaces / ISS
- AAAI Conference on Human Computation and Crowdsourcing / HCOMP
- Behaviour & Information Technology / BTIT