

PROF. VASSILIS KOSTAKOS

University of Melbourne
School of Computing and Information Systems
Office 5325, Melbourne Connect Building 290
700 Swanston Street, VIC-3053, Australia

<https://people.eng.unimelb.edu.au/vkostakos>
vassilis.kostakos@unimelb.edu.au
Tel: +61 (0) 3 9035 8966

Appointments

University of Melbourne

Mar 2017–present. Professor of Human-Computer Interaction.

University of Oulu

Jan 2016–Feb 2017. Director, Center for Ubiquitous Computing.

Nov 2011–Feb 2017. Professor of Computer Engineering.

Carnegie Mellon University

Oct 2007–Sep 2011. Adjunct Assistant Professor. HCI Institute.

University of Madeira

Oct 2007–Sep 2011. Assistant Professor.

University of Bath

Feb 2005–Sep 2007. Postdoctoral researcher.

Feb–Oct 2005. Lecturer.

Visiting/Honorary Appointments

Jan 2021–Dec 2021. Research Associate. Murdoch Childrens Research Institute.

Aug 2018–Aug 2023. Honorary Researcher. Northern Health Hospital.

May–Jun 2014. Visiting Professor. Center for Spatial Information Science, University of Tokyo.

Jun–Sep 2007. Visiting Scientist. California Institute for Telecommunications and Information Technology, University of California San Diego.

Feb 2005–Sep 2007. Visiting Researcher. Bartlett School of Architecture, University College London.

Feb 2005–Sep 2007. Visiting Researcher. Hewlett Packard Laboratories.

Education

2005. PhD Computer Science, University of Bath, UK. *A design framework for pervasive computing systems.*

2001. BSc Computer Science, University of Bath, UK. First Class Honours.

Awards and distinctions

2021. Brian Shackel Award for best paper, INTERACT conference.

2019. Distinguished Paper Award, IMWUT Journal (presented at UbiComp).

2017. Honourable Mention Award, Australian Conference on Human-Computer Interaction.

2015. SIGCHI Special Recognition for Reviewing.

2015. Best Full Paper Award, British HCI Conference.

2014. SIGCHI Best of CHI Honorable Mention Award (top 5% of submissions).

2014. SIGCHI Best Talk Award.

2013. Marie Curie Fellow: Career Integration Grant.

2013. USAID: Winner of Tech Challenge for Atrocity Prevention (Alert Category).

2012. IBM Open Collaborative Faculty Award.

2012. Named one of the “Faces of Oulu” to publicly promote technology and research.

2010. Mentor for New Scholars Research Grant recipients (Thailand).

2010. Fellow of the Finland Distinguished Professor Program (Academy of Finland).

2010. IBM Open Collaborative Faculty Award.

2009. Invited jury member for the UBI-Challenge (University of Oulu, Finland).

2007. Most Valuable Player (West of England Basketball Association, UK).

2007. Recipient of a UK / US Science Bridge (SetSquared, UK).
 2007. Creativity in Systems Design award (EPSRC, UK).
 2006. Declared as Science Ambassador (STEMNET, UK).
 2006. Role Model award in Science (Engineering and Technology Board, UK).
 2001. Recipient of the Chancellor's Postgraduate Fellowship (University of Bath, UK).
 2000. Outstanding achievement award in American Football (University of Bath, UK).
 1998. World University Debate Championship: Judge diploma (Levels 1, 2, 3).
 1994. Winner of BeNeLux mathematics competition (Mathcounts Competition).
 1994. 6th place in European mathematics competition (Mathcounts Competition).

Editorial boards and steering groups

2018–2022. IEEE Pervasive Computing, *Editorial Board member*.
 2017–present. Member, *HotPOST steering committee*.
 2017–2019. Member, *ACM UbiComp steering committee*.
 2016–2020. Founding Editor, *Proceeding of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (PAMC IMWUT)*.
 2015–present. Associate Editor, *Frontiers in Human-Media Interaction*.
 2010–2010. Steering Committee, *Network on Security and Critical Infrastructure Protection (NET-SCIP)*.

Event organisation

2024. ACM UbiComp, General Chair.
 2023. IEEE AIotSys, General Chair.
 2022. IEEE Pervasive Computing, Special issue guest editor: Out-of-the-Lab Pervasive Computing.
 2020. IEEE Pervasive Computing, Special issue guest editor: Growing up with Pervasive Computing.
 2020. IEEE Pervasive Computing, Special issue guest editor: Personalised Pervasive Health.
 2019. ACM CHI, Technical Program Committee Chair.
 2016. ACM PerDis, General Chair.
 2015. Ambient Intelligence, Thematic Chair.
 2015. ACM MUM, Demo Chair.
 2013. ACM Ubicomp, Organiser for Workshop on Computer Mediated Social Offline Interactions (SOFTec).
 2013. ACM Ubicomp, Organiser for Workshop on Ubiquitous Mobile Instrumentation (UbiMI).
 2013. ACM UbiComp, Organiser for Workshop on Human Interfaces for Civic and Urban Engagement (HiCUE).
 2012. WWW, Organiser for Workshop on Social web for disaster management.
 2012. Ubicomp workshop on Computer Mediated Social Offline Interactions, Organiser.
 2012. ACM Ubicomp, Organiser for Workshop on Ubiquitous Mobile Instrumentation.
 2012. IJHCS, Special issue guest editor: Social Networks and Ubiquitous Interactions.
 2011. ACM TEI, Demo Chair.
 2011. INTERACT, Associate Chair.
 2011. ACM Ubicomp, Organiser for Workshop Urban Sensoria.
 2010. NET-SCIP 2010 workshop on Security, Organiser.
 2010. ACM Ubicomp, Workshop Chair.
 2008. NetSci, Organiser for Workshop on Social Networks and Ubiquitous Computing.
 2005. ACM CHI, Organiser for UbiSoc workshop.
 2005. Interacting with Computers, Special issue guest editor: Social Implications of Emerging Technologies.
 2003. BCS-HCI, Technical Chair.

Leadership roles

2019–present. Founder, Director, Smart Hospital Living Lab, University of Melbourne.
 2018–2022. Group Leader, HCI Group, University of Melbourne.
 2016–2017. Founding Director, Center for Ubiquitous Computing, University of Oulu.
 2015–2017. Education Council member, University of Oulu.

2014–2015. Director, Community Imaging research group, University of Oulu.
 2014–2017. Director of postgraduate studies, Computer Science and Eng., University of Oulu.
 2014–2017. Member, Doctoral Training Committee, University of Oulu Graduate School.
 2014–2017. Ethics Board vice-member, University of Oulu.
 2012–2013. Deputy member, Doctoral Training Committee, University of Oulu Graduate School.
 2011. Vice-president, Madeira Interactive Technologies Institute.
 2011–2013. Assistant Director, MediaTeam research group, University of Oulu.
 2008. Organizer for Living Science 2008 Expo (Lisbon), Carnegie Mellon / Portugal stand.
 2002–2005. Webmaster, University of Bath, Department of Computer Science.
 2001–2004. Communications Committee, British Computer Society HCI Group.
 2001–2006. Webmaster, HCI Group, University of Bath, Department of Computer Science.

Grants

2022–2026. AI in Mental Health. CSIRO Data61 Next Gen Graduate Program (12-NGAI-R1). Chief Investigator with McNaney, Yap, Cai, Alvarez, D'Alfonso. (\$1,640,000 AUD).
 2021–2023. A comprehensive national scale human mobility data asset for Australia. Australian Research Data Commons (doi.org:10.47486/DP702). Chief Investigator with Liebig, Najeebullah, Jurdak, Geard, Barr (\$500,000 AUD).
 2021–2024. Harnessing information technology to improve self-management behaviours and health outcome in people with heart failure: A smarhome ecosystem Living Lab Study. NHMRC Ideas Grant, Australia (APP2004316). Chief Investigator with Maddison, Vasa, Oldenburg, Dingler, Rawstorn, Kwasnicka (\$1,120,225 AUD).
 2021–2022. Using smartphone sensor data to monitor and predict mental health conditions (2021-232746 3696). Cisco University Research Program Fund. Chief Investigator with D'Alfonso, Schmaal, Alvarez (\$99,122 USD).
 2021–2022. Integrated Qualification Test Framework to Measure Crowd Worker Quality and Assign or Recommend Heterogeneous Task. Amazon Research Awards. Chief Investigator with Goncalves (\$100,000 AUD).
 2021–2023. Cybersecurity Assurance for Teams of Computers and Humans. Joint Australian Department of Industry, Science, Energy and Resources (DISER) and U.S. Army Research Office (ARO) Multidisciplinary University Research Initiative (MURI) (GRANT13203896). Chief Investigator with Jha, Rubinstein, Bauer, Berkovsky, Brown, Chaudhuri, Eidels, Fredrikson, Gonzalez, Kaafar, McDaniel, Murray, Ohrimenko, Rogers, Zhu. (\$3,000,000 AUD + \$3,750,000 USD).
 2019–2022. Conceptualising and Measuring Digital Emotion Regulation. ARC Discovery Project, Australia (DP190102627). Chief Investigator with Wadley, Goncalves, Smith, Alvarez, Cox, Gross (\$410,000 AUD).
 2019–2024. Centre for Research Excellence in Interactive Digital Technology to Transform Australia's Chronic Disease Outcomes. NHMRC, Australia (1170937). Chief Investigator with Oldenburg, Maddison, Boyle, Borland, Lau, Furler, Scuffham, Abraham, Taylor (\$2,500,000 AUD).
 2018–2021. Reliable Operating Room. CSIRO (PhD Scholarship - TP706849). Chief Investigator (\$129,787 AUD).
 2017–2018. Advanced Models of Online Metalearning and Cognitive Computing in Highly Dynamic Context Scenarios. Samsung (Global Research Outreach). Chief Investigator with Koch (\$100,000 USD).
 2015–2017. 6AIKA: Open urban models as an open innovation platform. European Commission, European Regional Development Fund (A71143). Co-Principal Investigator with Ojala (€694,216).
 2015–2017. iCYCLE: Cyclist-aware traffic lights through distributed smartphone sensing. Academy of Finland (285062). Sole Principal Investigator (€523,000).
 2015–2018. iSCIENCE: Smartphones for science. Academy of Finland (285459). Sole Principal Investigator (€854,000).

- 2014–2018. Grey and green in Europe: elderly living in urban areas. European Commission, Marie Skłodowska-Curie Research and Innovation Staff Exchange (645706). Co-Principal Investigator (€828,000).
- 2012–2013. Leveraging community content for disaster awareness and emergency response coordination. IBM Open Collaborative Faculty Award. Sole Principal Investigator (\$40,000 USD).
- 2012–2016. Modelling Urban Mobility in City-Scale Ubiquitous Systems. European Commission, Marie Curie Career Integration Grant (322138). Sole Principal Investigator (€100,000).
- 2011–2014. UBI Metrics - Multidisciplinary Framework for Evaluating Ubicomp Systems in Real-World Urban Settings. Academy of Finland (137736). Co-Principal Investigator with Ojala (€660,100).
2010. Novel sensing techniques for urban transport. Portugal public transport authority (Horarios do Funchal). Sole Principal Investigator (€30,000).
- 2010–2011. SPAEN: a software platform for automated enterprise-wide analytics. Autonomous Region of Madeira Knowledge+ Program (MADFDR-01-1090-FEDER-000003). Principal Investigator with Chen (€227,000).
- 2010–2012. Urban flows and social networks. Fellowship of the Finland Distinguished Professor Program (40040/10). Co-Principal Investigator with Ojala (€600,000).
- 2010–2011. Leveraging community content for disaster awareness and emergency response coordination. IBM Open Collaborative Faculty Award. Sole Principal Investigator (\$40,000 USD).
- 2010–2013. Human-robot interaction with field robots using augmented reality and interactive mapping. Portuguese Foundation for Science and Technology (PTDC/EIA-CCO/113257/2009). Co-Principal Investigator with Ventura, Oakley, Bernardino, Gaspar (€129,885).
- 2010–2013. Novel optical fiber sensors for monitoring the fermentation of Madeira wine. Portuguese Foundation for Science and Technology (PTDC/EQU-EPR/114685/2009). Co-Principal Investigator with Pinto (€97,764).
- 2009–2012. SINAIS: Sustainable interaction with social networks, context awareness and innovative services. Portuguese Foundation for Science and Technology (CMU-PT/HuMach/0004/2008). Co-Principal Investigator with Nunes, Soibelman, Oakley, Nisi (€572,895).
- 2009–2012. WeSP: Web security and privacy. Portuguese Foundation for Science and Technology (CMU-PT/SE/0028/2008). Principal Investigator with Sadeh, Cranor, Peha, Catano, Oakley (€370,000).
- 2007–2008. Human factors in mobile malware. SetSquared UK/US Science bridge. Co-Principal Investigator with O'Neill (£40,000).
2007. "Creativity in systems design flexible award. University of Bath. PI with Dekoninck (£3,000).
- 2005–2009. Cityware: urban design and pervasive systems. EPSRC (EP/C547683/1). Researcher Co-Investigator (£1,200,000).
- Keynote talks**
2021. "Smart Hospitals". Keynote at the University of Melbourne Department of Surgery Research Showcase 2021, Melbourne, Australia. November 16.
2020. "Towards Smart Hospitals". Pre-summit talk the Digital Health Futures event, Melbourne, Australia. March 6.
2017. "Towards computers everywhere (and what this means for medicine and healthcare)". Keynote at the Northern Health Research week, Melbourne, Australia. October 3.
2015. "Digital whispers – What can technologies tell us about humans and cities". Main Speaker at the Smart City Seminar, Oulu, Finland. May 5.
2013. "Community Imaging". Keynote speech at the Second International Workshop on Ubiquitous Mobile Instrumentation, ACM Ubicomp, Zurich, Switzerland. September 8.

2012. "From labs to cities: Mapping the social impact of ubiquitous technologies". Keynote speech at the 2nd IEEE International Workshop on Social Implications of Pervasive, IEEE Percom, Lugano, Switzerland. March 23.
2010. "Towards smarter public transport". Keynote speech at I2COMM, IEEE Latincom, Bogota, Colombia. September 16.
2009. "Urban encounters of the 3rd type". Keynote speech at the 3rd International Cartographic Association's workshop on Geospatial Analysis and Modeling, Gavle, Sweden. August 6.

Invited talks

2023. "What smartphones can tell us about human behaviour". Talk at CSIRO, Melbourne. February 15.
2022. "Human-Emotion Interaction is a complex system". The Future of Emotion in Human-Computer Interaction, workshop at CHI 2022, Online. April 14.
2021. "Smart Hospital Living Lab". Talk at the University of Boston, Boston, USA. March 26.
2021. "Interaction is a complex system". Talk at Emergent Interaction: Complexity, Dynamics, and Enaction in HCI, workshop at CHI 2021, Online. May 15.
2019. "The Smart Hospital Living Lab". Talk at the University of Cambridge, Cambridge, UK. May 16.
2019. "Life in the 22nd Century: Living with the Internet of Things". Melbourne Knowledge Week, Melbourne, Australia. May 25.
2019. "Smartphone App Usage, Understanding, Modelling, and Prediction". Tutorial Instructor at UbiComp, London, UK. September 10.
2019. "Smart Hospital Living Lab". Northern Health Research Grand Rounds, Melbourne, Australia. November 10.
2018. "Computers everywhere, and Opportunities for healthcare". Victoria-India Health and Technology Forum, New Delhi, India. June 9.
2018. "The Smart Hospital Living Lab". CIS Seminar, Melbourne, Australia. September 4.
2017. "Using smartphones for population research". Seminar at Melbourne School of Population and Global Health, Melbourne, Australia. May 31.
2017. "Using smartphones for crowdsourcing research". Instructor ACM Summer school on crowdsourcing, Suzhou, China. July 13.
2016. "Community Imaging" techniques: Understanding people through their use of technology". Summer School on Smart Cities, Vienna, Austria. August 24.
2016. "From theory to practice: Lessons learned from Oulu's SmartCity experiences". Summer School on Smart Cities, Vienna, Austria. August 24.
2016. "Digital whispers – What can technologies tell us about humans and cities?". Summer School on Smart Cities, Vienna, Austria. August 24.
2016. "From theory to practice: Lessons learned from Oulu's SmartCity experience". Executive workshop at City of Vienna, Vienna, Austria. August 26.
2016. "The big hole in HCI". UCL Symposium on HCI Grand Challenges, London, UK. September 12.
2016. "Modelling Smartphone Usage: A Markov State Transition Model". UbiComp 2016, Heidelberg, Germany. September 15.
2015. "Modelling what friendship patterns of Facebook reveal about personality and social capital". CHI 2015, Seoul, South Korea. April 20.
2014. "CHI 1994-2013: Mapping Two Decades of Intellectual Progress through Co-word Analysis". CHI 2014, Toronto, Canada. May 1.
2014. "Identity Crisis of UbiComp? Mapping 15 Years of the Field's Development and Paradigm Change". UbiComp 2014, Seattle, Washington. September 15.
2013. "Crowdsourcing beyond the desktop". Dagstuhl workshop on crowdsourcing, Dagstuhl, Germany. September 3.
2012. "From labs to cities: Mapping the social impact of ubiquitous technologies". Talk at University of Lugano, Lugano, Switzerland. March 27.
2012. "From labs to cities: Mapping the social impact of ubiquitous technologies". Talk at University of Zurich, Zurich, Switzerland. March 28.

2012. "Ubiquitous computing and smarter cities". Talk at ETH Zurich, Zurich, Switzerland. March 29.
2012. "From labs to cities: Mapping the social impact of ubiquitous technologies". IGW Summercamp at the Vienna University of Technology, Vienna, Austria. July 3.
2012. "Unwinding spatial and transpatial networks". Lonrentz Workshop on Computational Models of Physical/Virtual Space Interaction, Leiden, Netherlands. December 17.
2011. "Ubiquitous Computing: Moving Interaction Beyond the Desktop and into the City". Talk at the University of Athens, Athens, Greece. February 4.
2011. "Towards real-time emergency response using crowd supported analysis of social media". Talk at IBM TJ Watson, Yorktown Heights, New York. May 13.
2011. "Driving innovation in urban computing with a community testbed". Talk at The First Workshop on Pervasive Urban Applications, at Pervasive 2011, San Fransisco, California. June 12.
2010. "Brief Encounters: Sensing, Modeling and Visualizing Urban Mobility and Copresence Networks". Talk at CHI 2010, Atlanta, Georgia. April 15.
2010. "Urban Social Networks: Sensing, Modelling and Visualising Urban Mobility and Copresence Networks ". Talk at 2nd Open Ubiquitous City Seminar, Oulu, Finland. May 31.
2010. "Making friends in life and online: Equivalence, micro-correlation and value in spatial and transpatial social networks". Talk at SocialCom, Minneapolis, Minnesota. August 20.
2010. "Privacy: The final frontier". UbiOulu Forum, Oulu, Finland. August 30.
2010. "Ubiquitous computing research". Talk at University Santiago, Cali, Colombia. September 14.
2009. "Designing trustworthy situated services". Talk at CHI 2009, Boston, Massachusetts. April 6.
2009. "Novel sensing techniques for urban transport". Talk at the University of Oulu, Oulu, Finland. August 10.
2008. "Understanding spatial and transpatial networks". Talk at Cambridge University, Cambridge, UK. June 19.
2008. "Cityware: Interplay between physical and digital space". Talk at the Bartlett School of Architecture, UCL, London, UK. October 23.
2008. "Human-Computer Interaction". Sciencia Viva (Living Science), Lisbon, Portugal. November 22.
2007. "NFC: Issues, lessons and future research". Talk at Percom 2007, White Plains, New York. March 19.
2007. "Experiences with urban deployment of Bluetooth". Talk at UCSD, San Diego, California. March 22.
2007. "Understanding mobility and encounter in the digital landscape". Talk at EPSRC WINES workshop, Warwick, UK. April 23.
2007. "Experiences with urban deployment of Bluetooth". Talk at UCL, London, UK. May 11.
2007. "Quantifying the effect of space on encounte". Talk at the Space Syntax Symposium, Istanbul, Turkey. June 13.
2007. "Pervasive Computing 1.0". Talk at the AgentCities workshop, Bath, UK. August 29.
2007. "Brief encounter networks". Talk at Oxford University, Oxford, UK. October 16.
2007. "Pervasive Computing 1.0". Talk at Dorkbot and Spike Media, Bristol, UK. November 20.
2007. "City-ware: space, technologies and people". Talk at the Bartlett School of Architecture, UCL, London, UK. November 22.
2007. "Urban deployment of Bluetooth". Talk at Carnegie Mellon University, Pittsburg, Pennsylvania. December 12.
2006. "Research overview of Bluetooth in urban space". Talk at the Bartlett, UCL, London, UK. January 24.
2006. "A design framework for pervasive systems". Talk at Hewlett-Packard Labs, Bristol, UK. March 29.

2006. "Building common ground by sharing mobile device context". Talk at LoCa workshop, Dublin, Ireland. May 11.
2006. "Cityware: Urban design and pervasive systems". Talk at Microsoft Research, Cambridge, UK. July 20.
2006. "Instrumenting the city". Talk at UbiComp 2006, Orange County, California. September 20.
2006. "Cityware and Bluetooth tracking". Talk at Cambridge University, Cambridge, UK. November 16.
2006. "City-ware: space, technologies and people". Talk at the Bartlett, UCL, London, UK. November 27.
2005. "Pervasive computing: Interaction and design". Talk at Athens University of Bussienss and Economics, Athens, Greece. February 4.
2005. "Pervasive computing: Interaction and design". Talk at Lancaster University, Lancaster, UK. June.
2005. "The Cityware Project: Pervasive computing and urban space". Talk at the University of Bath, Bath, UK. June.
2004. "Designing pervasive systems for society". Talk at First International Workshop on Sustainable Pervasive Computing, at Pervasive 2004, Vienna, Austria. April 20.
2004. "A novel approach for identification and authentication of users in a pervasive environment". Talk at UkUbiNet workshop, Cambridge, UK. May 7.
2004. "Pervasive computing in emergency situations". Talk at HICSS 2004, Big Island, Hawaii. January 6.
2003. "Introducing pervasive systems to society". Talk at Imperial College, London, UK. May.
2003. "A directional stroke recognition technique". Talk at the British HCI Conference, Bath, UK. September 9.

News mentions

2021. *E-magazine by DirectIndustry*. "Experimenting with IoT: Labs of the Future" (September 8).
2019. *BBC Radio 4*. "Interview on the Digital Human (Series 16, Episode: Wisdom)" (March 18).
2019. *Health Victoria*. "Northern Health gets its teeth into patient flow" (July 30).
2019. *Phys.org*. "Research to help mobile phones act smarter and last longer" (February 26).
2016. *APA Science*. "Interview (in German)" (April 30).
2016. *The Economist*. "Buddy, can you spare a Watt?" (April 30).
2014. *New Scientist*. "Magnetic messages let smartphones receive secret data" (July 3).
2013. *Communications of the ACM*. "Crowdsourcing Platforms Monitor Disease, Dissent, and Disasters" (March 8).
2013. *New Scientist*. "Use a bus stop touchscreen to kill time – and help out" (July 31).
2011. *New Scientist*. "Earthquake? Terrorist bomb? Call in the AI" (May 18).
2011. *CanalUP*. "Facebook is far from dying (in Portuguese)" (June 30).
2010. *Scientific American*. "Manipulation of the Crowd: How Trustworthy Are Online Ratings?" (July 1).
2010. *Hack-a-day*. "Wine cask sensor suite" (August 4).
2009. *SIC*. "Sinais project: Sensors in public transport anticipate users' needs" (September 8).
2009. *MIT Technology Review*. "Can You Trust Crowd Wisdom?" (September 16).
2008. *New Scientist*. "Towards the Facebook phone" (February 8).
2008. *Slashdot*. "Bluetooth Surveillance Tested In the UK" (April 22).
2008. *New Scientist*. "Bluetooth provides spies with a window into your life" (April 30).
2008. *The Guardian*. "Bluetooth is watching" (July 21).
2008. *Eleftherotipia*. "The Cityware project (in Greek)" (October 26).
2007. *Unwired Magazine*. "Cityware for Faceboo" (September).
2007. *BBC News*. "Bluetooth helps Facebook friends" (August 16).
2007. *BBC Radio 1*. "Live interview on Drivetime show" (August 20).
2006. *TVNZ*. "Historic city hosts modern experiment" (February 21).
2006. *The Register*. "Boffins wrestle with future in Roman Bath" (February 20).
2006. *BBC News*. "Futuristic phones tested in city" (February 22).

- PhD students**
- 2023–present. Le Fang, *University of Melbourne* (co-supervised by Jorge Goncalves).
 - 2023–present. Suwani Gunasekara, *University of Melbourne* (co-supervised by Jorge Goncalves).
 - 2023–present. Jarod Govers, *University of Melbourne* (co-supervised by Jorge Goncalves, Eduardo Velloso).
 - 2022–present. Songyan Teng, *University of Melbourne* (co-supervised by Simon D'Alfonso).
 - 2022–present. Tianyi Zhang, *University of Melbourne* (co-supervised by Simon D'Alfonso).
 - 2019–2023. Jing Wei, *University of Melbourne* (co-supervised by Tilman Dingler).
 - 2019–present. Mo Zhang, *University of Melbourne University of Birmingham* (co-supervised by David Oswald, Toby Murray).
 - 2018–present. Gabriele Marini, *University of Melbourne* (co-supervised by Jurdak, Goncalves, Velloso).
 - 2019–2023. Pallewatta Kankanamge, *University of Melbourne* (co-supervised by Rajkumar Buyya).
 - 2019–2023. Weiwei Jiang, *University of Melbourne* (co-supervised by Jorge Goncalves).
 - 2019–2022. Chaofan Wang, *University of Melbourne* (co-supervised by Jorge Goncalves).
 - 2018–2022. Senuri Wijenayake, *University of Melbourne* (co-supervised by Jorge Goncalves).
 - 2018–2021. Danula Hettiachchi, *University of Melbourne* (co-supervised by Jorge Goncalves).
 - 2017–2020. Zhanna Sarsenbayeva, *University of Melbourne* (co-supervised by Jorge Goncalves).
 - 2015–2019. Chu Luo, *University of Melbourne* (co-supervised by Jorge Goncalves, Eduardo Velloso).
 - 2015–2019. Niels van Berkel, *University of Melbourne* (co-supervised by Jorge Goncalves).
 - 2012–2015. Jorge Goncalves, *University of Oulu*.
 - 2009–2015. Jayant Venkatanathan, *University of Madeira* (co-supervised by Evangelos Karapanos).
 - 2010–2015. Jakob Rogstadius, *University of Madeira* (co-supervised by Evangelos Karapanos).
 - 2012–2013. Denzil Ferreira, *University of Oulu* (co-supervised by Anind Dey).
- Researchers supervised**
- 2019–2022. Benjamin Tag, *University of Melbourne* (Research fellow).
 - 2018–2020. Tillman Dingler, *University of Melbourne* (Senior Research fellow).
 - 2017–2018. Thomas Christy, *University of Melbourne* (Senior Research fellow).
 - 2017–2018. Fernando Koch, *University of Melbourne* (Senior Research fellow).
 - 2015–2016. Juan Camilo, *University of Oulu* (Research Assistant).
 - 2015–2016. Simon Klakegg, *University of Oulu* (Research Assistant).
 - 2015–2016. Theodoros Anagnostopoulos, *University of Oulu* (Postdoctoral Researcher).
 - 2015–2016. Huber Flores, *University of Oulu* (Postdoctoral Researcher).
 - 2015–2017. Aku Visuri, *University of Oulu* (Research Assistant).
 - 2015–2017. Jorge Goncalves, *University of Oulu* (Postdoctoral Researcher).
 - 2014–2015. Pratyush Pandab, *University of Oulu* (Research Assistant).
 - 2014–2017. Simo Hosio, *University of Oulu* (Academy of Finland Postdoctoral Researcher).
 - 2013–2017. Denzil Ferreira, *University of Oulu* (Academy of Finland Postdoctoral Researcher).
 - 2012–2014. Yong Liu, *University of Oulu* (Postdoctoral Researcher).
 - 2009–2011. Tiago Camacho, *University of Madeira* (Research Assistant).
- PhD thesis examiner**
- 2022. Lixiang Yan, *Monash University* (Socio-spatial Learning Analytics for Supporting Educational Research and Practice).
 - 2020. M. Aamir Mehmood, *The Shaheed Zulfikar Ali Bhutto Institute of Science and Technology* (A Model Based Testing Approach for Context-Aware Mobile Applications).
 - 2019. Dias Pereira Dos Santos Augusto, *University of Sydney* (Using Motion Sensor and Machine Learning to Support the Assessment of Rhythmic Skills in Social Partner Dance: Bridging Teacher, Student and Machine Contexts).
 - 2018. Mohammad Saiedur Rahaman, *RMIT* (Context-aware Mobility Analytics and trip Planning).
 - 2018. Iqbal Sarker, *Swinburne University of Technology* (Mining Individualized Context-dependent Behavioral Rules from Smartphone Data).

2018. Jake Fountain, *University of Newcastle Australia* (Ambient Sensor Fusion for Virtual Reality Systems).
2016. Claudia Zuniga, *University of Vigo* (UrbanContext: A model for the design of Urban Computing Systems).
2015. Kai Zhao, *University of Helsinki* (Understanding urban human mobility for network applications).
2013. Marcello Paolo Scipioni, *University of Lugano* (Privacy-aware location sharing in friend-finder systems through task-oriented tools).
2012. Yangqing Cui, *Technical University of Tampere* (Social networking services on mobile devices: user interface designs and user experience studies).

PhD thesis
committee

- 2018–present. Xiaojie Wang, *University of Melbourne* (Advisory Committee Chair).
- 2018–present. Renlord Yang, *University of Melbourne* (Advisory Committee Chair).
- 2018–present. Shima Rashidi, *University of Melbourne* (Advisory Committee Chair).
- 2014–2016. Elena Vildjiounaite, *University of Oulu* (Follow-up group chair).
- 2014–2018. Anu Pramila, *University of Oulu* (Follow-up group chair).
- 2013–2014. Adeladza 'Kofi' Amegah, *University of Oulu* (Follow-up group chair).
- 2013–2014. Simo Hosio, *University of Oulu* (Follow-up group chair).
- 2013–2017. Markus Ylimaki, *University of Oulu* (Follow-up group chair).
- 2013–2017. Leena Venta-Olkkonen, *University of Oulu* (Follow-up group chair).
- 2013–2018. Arto Heikkinen, *University of Oulu* (Follow-up group chair).
- 2013–2018. Angelos Fylakis, *University of Oulu* (Follow-up group chair).

Teaching

University of Melbourne

2019. HCI Project (INFO90008).
2019. HCI Project Advanced (INFO90009).
- 2018–present. Mobile Computing Systems Programming (COMP900018).
- 2017–present. Fundamentals of Interaction Design (INFO10003).
2018. Usability Engineering (INFO30004).
2018. Information Architecture (INFO90005).

University of Oulu

- 2012–2015. Human Computer Interaction (521145A).
- 2013–2015. Mobile and Social Computing (521147S).
- 2013–2014. Applied Computing Project 1 (521151A).
- 2013–2014. Applied Computing Project 2 (521152S).
- 2012–2014. Research Methods in Computer Science (521146S).
2012. Information Networks Service Techniques (521499A).

University of Madeira

- 2008–2010. Social Web.
2010. HCI Project II.
2010. HCI Project I.
- 2009–2010. Research Topics in Ubiquitous Computing.
2009. Programing Usable Interfaces.
2008. Software Architectures for User Interfaces.

University of Bath

2005. Introduction to Software Engineering (CM10137).
2005. Project Management (CM20026/CM50122).

BSc/MSc
theses
supervised

2017. Mitra Vahida, *University of Oulu* (MSc, Smartphone-based IoT COAP interface).
2017. Alexander Samodelkin, *University of Oulu* (MSc, Cyclist-aware intelligent transportation system).

2016. Zhanna Sarsenbayeva, *University of Oulu* (MSc, Assessment of mobile interaction performance in cold environments).
2016. Aku Visuri, *University of Oulu* (MSc, Smartphone based contextual symptom tracking and data gathering).
2015. Riku Kallio, *University of Oulu* (MSc, Development process and evaluation of a customer service chat application).
2015. Joonas Rahko, *University of Oulu* (MSc, Web client for a RESTful clinical data management system).
2015. Olli Okkonen, *University of Oulu* (MSc, RESTful clinical data management system).
2015. Mikko Korhonen, *University of Oulu* (BSc, AWARE-WS: a multipurpose science dashboard).
2015. Aku Visuri, *University of Oulu* (BSc, AWARE-WS: a multipurpose science dashboard).
2015. Henri Koski, *University of Oulu* (BSc, AWARE-WS: a multipurpose science dashboard).
2014. Atte Heinikoski, *University of Oulu* (MSc, Statistical analysis and visualization of a large-scale test run database in protocol testing).
2013. Saad Chaudhry, *University of Oulu* (MSc, Indoor location estimation using an nfc-based crowdsourcing approach for bootstrapping, co-supervised by Jukka Riekkö).
2012. Tomi Juntunen, *University of Oulu* (BSc, Vehicular Traffic Statistics Using Google Maps).
2012. Katariina Heikkinen, *University of Oulu* (MSc, Dashboard interface for steel service centers).
2011. Fransisco Andrade, *University of Madeira* (MSc, Eliciting community feedback on social media).
2011. Jorge Goncalves, *University of Madeira* (MSc, Narrowcasting on social media).
2011. Vitor Ferreira, *University of Madeira* (MSc, Brain Computer Interfaces).
2011. Nelson Serrao, *University of Madeira* (MSc, Combating shoulder surfing).
2011. Sandra Perdomo, *University of Madeira* (MSc, Visualising privacy on social media).
2011. Fernando Rodrigues, *University of Madeira* (MSc, Public display tweeting).
2010. Paulo Teixeira, *University of Madeira* (MSc, Smart Signs, co-supervised by Maria Lijding at University of Twente/CTIT).
2010. Salvador Faria, *University of Madeira* (MSc, An Online Platform for Real-Time Sensor Data Collection, Visualization, and Sharing, co-supervised by Marques Jose Carlos).
2010. Bernardo Reynolds, *University of Madeira* (Twitter privacy controls, co-supervised by Isidro Maya Jariego at University of Sevilla).
2010. Amilcar Rodrigues, *University of Madeira* (MSc, Combating shoulder-surfing).
2010. Maria Fritas, Mark Leun, Ricardo Jesus, Mike Pennisi, *University of Madeira* (MHCI Capstone, Distributed collaboration across smart environments, co-supervised by Lucia Terrenghi at Vodafone).
2009. Tiago Camacho, *University of Madeira* (MSc, Proximity Sensing and Context-Aware Content Dissemination).
2020. WristSense - Workshop at PerCom.
2019. EarComp - Workshop at UbiComp.
2018. WWW: The Web Conference.
2016. UbiComp: ACM International Joint Conference on Pervasive and Ubiquitous Computing.
2015. UCMC: 2nd International Workshop on Urban Computing and Modern Cities - IISA.
2015. Mobile Cognition - Workshop at MobileHCI.
2014. PD-Apps: Workshop on Developing Applications for Pervasive Display Networks.
2014. ENIC: The First European Network Intelligence Conference.
2013. EIPS: Workshop on Experiencing Interactivity in Public Spaces.
2013. ASONAM: International Conference on Advances in Social Networks Analysis and Mining.
2013. Sociable Smart City: Symposium on Smart Cities, International Conference on Intelligent Environments.
- 2013, 2014. PerDis: International Symposium on Pervasive Displays.

2012. SIPC: IEEE International Workshop on Social Implications of Pervasive Computing.
2012. UbiCrowd: Ubiquitous Crowdsourcing workshop at Ubicomp 2012.
- 2012, 2013. ICWSM: International AAAI Conference on Weblogs and Social Media.
- 2012, 2013, 2014, 2015. AmI: International conference on Ambient Intelligence.
2011. SocialComNet: International Workshop on Social Computing, Network, Services.
2011. SOTICS: The First International Conference on Social Eco-Informatics.
2011. Pervasive 2011 workshop selection committee.
2011. Simplex: Simplifying Complex Networks for Practitioners.
2011. SNAA: Workshop on Social Network Analysis in Applications.
2011. IPSoN11: Workshop on the Integration of Physical and Social-Network Sensing and Mining.
2011. SCA: International Conference on Social Computing and Applications.
- 2011, 2012. C&T: International Conference on Communities and Technologies.
- 2011, 2012, 2013, 2014, 2015. MUM: International Conference on Mobile and Ubiquitous Multimedia.
2010. FSKD: International Conference on Fuzzy Systems and Knowledge Discovery.
2010. PerCom, work in progress.
2010. SocialCom.
- 2010, 2011. Workshop on Enterprise Crowdsourcing.
2010. Digital Cities 7 (with Communities & Technologies 2010), Brisbane, Australia.
2009. WEIA: Workshop on Emerging Internet Applications.
- 2009, 2010. U-NET: Workshop on User-provided Networking.
- 2009, 2010, 2011. HotPlanet: the ACM International Workshop on Hot Topics of Planet-scale Mobility Measurements.
2008. W3C workshop on the Future of Social Networking.
2008. International Workshop on Social Interaction and Mundane Technologies.
2007. SAC: ACM Symposium on Applied Computing, track on Ubiquitous Computing.

Reviewing

- Journal reviewer for *ACM Transaction in Computer Human Interaction*, *Advances in Human Computer Interaction*, *Computer Journal*, *Computers, Environment and Urban Systems*, *Computer Networks*, *Geographical Analysis*, *IEEE Pervasive*, *IEEE Transactions on Dependable and Secure Computing*, *IEEE Transactions on Knowledge and Data Engineering*, *IEEE Transactions on Mobile Computing*, *IEEE Transactions on Parallel and Distributed Computing*, *IEEE Transactions on Systems Man and Cybernetics Part B*, *Information Processing Letters*, *Interacting with Computers*, *International Journal of Arts and Technology*, *International Journal of Health Geographics*, *International Journal of Human-Computer Studies*, *Journal of Systems and Software*, *Journal of Urban Technology*, *Personal and Ubiquitous Computing*, *Pervasive and Mobile Computing*, *Psychological Methods*, *PLoS ONE*, *Transportation Research Part C*.
- Conference reviewer for *ACM CHI*, *ACM CSCW*, *ACM C&T*, *ACM IUI*, *ACM SAC*, *ACM Ubicomp (and previously Pervasive)*, *ACM TEI*, *MobileHCI*, *IEEE SocialCom*, *IEEE Infocom*, *IEEE Percom*, *INTERACT*, *NordiCHI*, *OzCHI*.
- Grant reviewer for *EU FP7*, *H2020*, *EPSRC UK*, *National ICT Australia*, *FWF Austrian Science Fund*, *FCT Portugal*, *Innovation Fund Serbia*, *ARC Australia*, *Netherlands Organisation for Scientific Research*, *Czech Science Foundation*, *NASA*.
- Tenure/promotion reviewer for *University of Technology Sydney*, *Ulsan National Institute of Science and Technology (Korea)*, *Sussex University (UK)*, *Ionian University (Greece)*, *Athens University of Economics and Business (Greece)*, *University of Patras (Greece)*, *Open University (Greece)*, *Instituto Superior Técnico (Portugal)*, *Aalto University (Finland)*, *Monash University (Australia)*, *Western Sydney University (Australia)*.

Publications

Books

1. S. Brewster, G. Fitzpatrick, A. Cox, V. Kostakos (2019). *CHI '19: Proceedings of the 2019 CHI Conference on Human Factors in Computing Systems*. New York, NY, USA: ACM, 9077 pages. [URL].
2. T. Ojala, V. Kostakos, J. Muller, N. Memarovic (2016). *PerDis '16: Proceedings of the 5th ACM International Symposium on Pervasive Displays*. New York, NY, USA: ACM, 258 pages. [URL].

Journal articles

3. S. Pallewatta, V. Kostakos, R. Buyya (2024). MicroFog: A framework for scalable placement of microservices-based IoT applications in federated Fog environments. **Journal of Systems and Software**, 209, article 111910, 19 pages. DOI: 10.1016/j.jss.2023.111910. [URL] [Impact Factor: 3.5][ERA: A].
4. W. Jiang, C. Wang, Z. Sarsenbayeva, A. Irlitti, J. Wei, J. Knibbe, T. Dingler, J. Goncalves, V. Kostakos (2023). InfoPrint: Embedding Interactive Information in 3D Prints Using Low-Cost Readily-Available Printers and Materials. **Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)**, 7(3), article 102, 29 pages. DOI: 10.1145/3610933. [URL] [Impact Factor: 4.0][ERA: A*].
5. W. Jiang, D. Yu, C. Wang, Z. Sarsenbayeva, N. Berkel, J. Goncalves, V. Kostakos (2023). Near-Infrared Imaging for Information Embedding and Extraction with Layered Structures. **ACM Transactions on Graphics**, 42(1), article 4, 26 pages. DOI: 10.1145/3533426. [URL] [Impact Factor: 6.2][ERA: A*][Citations: 2].
6. M. H. Lim, L. Thurston, R. Eres, T. L. Rodebaugh, M. Alvarez-Jimenez, D. L. Penn, V. Kostakos, J. F. M. Gleeson (2023). A pilot randomised controlled trial of the Peer Tree digital intervention targeting loneliness in young people: a study protocol. **Trials**, 24, article 77, 13 pages. DOI: 10.1186/s13063-022-07029-7. [URL] [Impact Factor: 2.5].
7. S. O'Sullivan, N. Berkel, V. Kostakos, L. Schmaal, S. D'Alfonso, L. Valentine, S. Bendall, B. Nelson, J. F. M. Gleeson, M. Alvarez-Jimenez (2023). Understanding What Drives Long-term Engagement in Digital Mental Health Interventions: Secondary Causal Analysis of the Relationship Between Social Networking and Therapy Engagement. **JMIR Mental Health**, 10, article e44812, 11 pages. DOI: 10.2196/44812. [URL] [Impact Factor: 5.2][Citations: 2].
8. S. Pallewatta, V. Kostakos, R. Buyya (2023). Placement of Microservices-Based IoT Applications in Fog Computing: A Taxonomy and Future Directions. **ACM Computing Surveys**, 55(14), article 321, 43 pages. DOI: 10.1145/3592598. [URL] [Impact Factor: 16.6][ERA: A*][Citations: 14].
9. Z. Sarsenbayeva, N. van Berkel, D. Hettiachchi, B. Tag, E. Velloso, J. Goncalves, V. Kostakos (2023). Mapping 20 years of accessibility research in HCI: A co-word analysis. **International Journal of Human-Computer Studies**, 175, article 103018, 15 pages. DOI: 10.1016/j.ijhcs.2023.103018. [URL] [Impact Factor: 5.4][ERA: A][Citations: 3].
10. Y. Shi, P. Koval, V. Kostakos, J. Goncalves, G. Wadley (2023). "Instant Happiness": Smartphones as Tools for Everyday Emotion Regulation. **International Journal of Human-Computer Studies**, 170, article 102958, 14 pages. DOI: 10.1016/j.ijhcs.2022.102958. [URL] [Impact Factor: 5.4][ERA: A][Citations: 12].
11. B. Tag, N. Berkel, S. Verma, B. Z. H. Zhao, S. Berkovsky, D. Kaafar, V. Kostakos, O. Ohrimenko (2023). DDoD: Dual Denial of Decision Attacks on Human-AI Teams. **IEEE Pervasive Computing**, 22(1), 77–84. DOI: 10.1109/MPRV.2022.3218773. [URL] [Impact Factor: 1.6][ERA: A][Citations: 3].
12. C. Wang, W. Jiang, K. Yang, Z. Sarsenbayeva, B. Tag, T. Dingler, J. Goncalves, V. Kostakos (2023). Using Thermal Imaging to Measure Hand Hygiene Quality. **The Journal of Hospital Infection**, 139, 113–120. DOI: 10.1016/j.jhin.2023.05.016. [URL] [Impact Factor: 6.9].

13. D. Zarate, M. Ball, M. Prokofieva, V. Kostakos, V. Stavropoulos (2023). Identifying self-disclosed anxiety on Twitter: A natural language processing approach. **Psychiatry Research**, 330, article 115579, 29 pages. DOI: 10.1016/j.psychres.2023.115579. [URL] [Impact Factor: 2.3].
14. F. Alt, V. Kostakos, N. Olivier (2022). Out-of-the-Lab Pervasive Computing (Editorial). **IEEE Pervasive Computing**, 21(1), 7–8. DOI: 10.1109/MPRV.2022.3147105. [URL] [Impact Factor: 1.6][ERA: A].
15. N. Berkel, S. D'Alfonso, R. Kurnia Susanto, D. Ferreira, V. Kostakos (2022). AWARE-Light: a smartphone tool for experience sampling and digital phenotyping. **Personal and Ubiquitous Computing**, 27, 435–445. DOI: 10.1007/s00779-022-01697-7. [URL] [Impact Factor: 3.006][ERA: B][Citations: 4].
16. D. Hettiachchi, V. Kostakos, J. Goncalves (2022). A Survey on Task Assignment in Crowdsourcing. **ACM Computing Surveys**, 55(3), article 49, 35 pages. DOI: 10.1145/3494522. [URL] [Impact Factor: 16.6][ERA: A*][Citations: 37].
17. S. Pallewatta, V. Kostakos, R. Buyya (2022). QoS-aware placement of microservices-based IoT applications in Fog computing environments. **Future Generation Computer Systems**, 131, 121–136. DOI: 10.1016/j.future.2022.01.012. [URL] [Impact Factor: 7.5][ERA: A][Citations: 44].
18. Z. Sarsenbayeva, N. Berkel, E. Velloso, J. Goncalves, V. Kostakos (2022). Methodological Standards in Accessibility Research on Motor Impairments: A Survey. **ACM Computing Surveys**, 55(7), article 143, 35 pages. DOI: 10.1145/3543509. [URL] [Impact Factor: 16.6][ERA: A*][Citations: 7].
19. B. Tag, N. Berkel, A. W. Vargo, Z. Sarsenbayeva, T. Colasante, G. Wadley, S. Webber, W. Smith, P. Koval, T. Hollenstein, J. Goncalves, V. Kostakos (2022). Impact of the global pandemic upon young People's use of technology for emotion regulation. **Computers in Human Behavior Reports**, 6, article 100192, 22 pages. DOI: 10.1016/j.chbr.2022.100192. [URL] [Citations: 11].
20. B. Tag, J. Goncalves, S. Webber, P. Koval, V. Kostakos (2022). A Retrospective and a Look Forward: Lessons Learned From Researching Emotions In-the-Wild. **IEEE Pervasive Computing**, 21(1), 28–36. DOI: 10.1109/MPRV.2021.3106272. [URL] [Impact Factor: 1.6][ERA: A][Citations: 8].
21. B. Tag, Z. Sarsenbayeva, A. Cox, G. Wadley, J. Goncalves, V. Kostakos (2022). Emotion trajectories in smartphone use: Towards recognizing emotion regulation in-the-wild. **International Journal of Human-Computer Studies**, 166, article 102872, 14 pages. DOI: 10.1016/j.ijhcs.2022.102872. [URL] [Impact Factor: 5.4][ERA: A][Citations: 2].
22. C. Wang, W. Jiang, K. Yang, Z. Sarsenbayeva, B. Tag, J. Goncalves, V. Kostakos (2022). A System for Computational Assessment of Hand Hygiene Techniques. **Journal of Medical Systems**, 46, article 32, 12 pages. DOI: 10.1007/s10916-022-01817-z. [URL] [Impact Factor: 5.3][Citations: 4].
23. J. Wei, W. Jiang, C. Wang, D. Yu, J. Goncalves, T. Dingler, V. Kostakos (2022). Understanding How to Administer Voice Surveys through Smart Speakers. **Proceedings of the ACM on Human-Computer Interaction**, 6(CSCW2), article 548, 32 pages. DOI: 10.1145/3555606. [URL] [ERA: A][Citations: 3].
24. S. Wijenayake, N. Berkel, V. Kostakos, J. Goncalves (2022). Quantifying determinants of social conformity in an online debating website. **International Journal of Human-Computer Studies**, 158, article 102743, 16 pages. DOI: 10.1016/j.ijhcs.2021.102743. [URL] [Impact Factor: 5.4][ERA: A][Citations: 2].
25. N. Berkel, S. Dennis, M. Zyphur, J. Li, A. Heathcote, V. Kostakos (2021). Modeling interaction as a complex system. **Human-Computer Interaction**, 36(4), 279–305. DOI: 10.1080/07370024.2020.1715221. [URL] [Impact Factor: 5.3][ERA: A][Citations: 30].
26. D. Hettiachchi, L. Hayes, J. Goncalves, V. Kostakos (2021). Team Dynamics in Hospital Workflows: An Exploratory Study of a Smartphone Task Manager. **JMIR Medical**

- Informatics**, 9(8), article e28245, 9 pages. DOI: 10 . 2196 / 28245. [URL] [Impact Factor: 3.2][Citations: 2].
27. K. Mangaroska, B. Vesin, V. Kostakos, P. Brusilovsky, M. Giannakos (2021). Architecting Analytics Across Multiple E-learning Systems to Enhance Learning Design. **IEEE Transactions on Learning Technologies**, 14(2), 173–188. DOI: 10 . 1109 / TLT . 2021 . 3072159. [URL] [Impact Factor: 3.7][Citations: 22].
 28. K. Sharma, K. Mangaroska, N. Berkel, M. Giannakos, V. Kostakos (2021). Information flow and cognition affect each other: Evidence from digital learning. **International Journal of Human-Computer Studies**, 146, article 102549, 20 pages. DOI: 10 . 1016 / j . ijhcs . 2020 . 102549. [URL] [Impact Factor: 5.4][ERA: A][Citations: 16].
 29. H. Shi, Y. Li, H. Cao, X. Zhou, C. Zhang, V. Kostakos (2021). Semantics-Aware Hidden Markov Model for Human Mobility. **IEEE Transactions on Knowledge and Data Engineering**, 33(3), 1183–1194. DOI: 10 . 1109 / TKDE . 2019 . 2937296. [URL] [Impact Factor: 8.9][ERA: A*][Citations: 38].
 30. A. Visuri, N. Berkel, J. Goncalves, R. Rawassizadeh, D. Ferreira, V. Kostakos (2021). Understanding usage style transformation during long-term smartwatch use. **Personal and Ubiquitous Computing**, 25, 535–549. DOI: 10 . 1007 / s00779 - 020 - 01511 - 2. [URL] [Impact Factor: 3.006][ERA: B][Citations: 10].
 31. C. Wang, W. Jiang, K. Yang, D. Yu, J. Newn, Z. Sarsenbayeva, J. Goncalves, V. Kostakos (2021). Electronic Monitoring Systems for Hand Hygiene: Systematic Review of Technology. **Journal of Medical Internet Research**, 23(11), article e27880, 29 pages. DOI: 10 . 2196 / 27880. [URL] [Impact Factor: 7.4][Citations: 27].
 32. J. Wei, T. Dingler, V. Kostakos (2021). Understanding User Perceptions of Proactive Smart Speakers. **Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)**, 5(3), article 185, 28 pages. DOI: 10 . 1145 / 3494965. [URL] [Impact Factor: 4.0][ERA: A*][Citations: 11].
 33. Y. Zhang, F. Xu, T. Li, V. Kostakos, P. Hui, Y. Li (2021). Passive Health Monitoring Using Large Scale Mobility Data. **Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)**, 5(1), article 49, 23 pages. DOI: 10 . 1145 / 3448078. [URL] [Impact Factor: 4.0][ERA: A*][Citations: 14].
 34. O. Amft, J. Favela, S. Intille, M. Musolesi, V. Kostakos (2020). Personalized Pervasive Health (Editorial). **IEEE Pervasive Computing**, 19(3), 11–13. DOI: 10 . 1109 / MPRV . 2020 . 3003142. [URL] [Impact Factor: 1.6][ERA: A][Citations: 11].
 35. T. Anagnostopoulos, C. Luo, J. Ramson, K. Ntalianis, V. Kostakos, C. Skourlas (2020). A multi-agent system for distributed smartphone sensing cycling in smart cities. **Journal of Systems and Information Technology**, 22(4), 119–134. DOI: 10 . 1108 / JSIT - 12 - 2018 - 0158. [URL] [Impact Factor: 3.1][ERA: C][Citations: 4].
 36. N. Berkel, J. Goncalves, S. Hosio, Z. Sarsenbayeva, E. Velloso, V. Kostakos (2020). Overcoming Compliance Bias in Self-Report Studies: A Cross-Study Analysis. **International Journal of Human-Computer Studies**, 134, 1–12. DOI: 10 . 1016 / j . ijhcs . 2019 . 10 . 003. [URL] [Impact Factor: 5.4][ERA: A][Citations: 49].
 37. Y. Chen, N. Berkel, C. Luo, Z. Sarsenbayeva, V. Kostakos (2020). Application of miniaturized near-infrared spectroscopy in pharmaceutical identification. **Smart Health**, 18, article 100126, 6 pages. DOI: 10 . 1016 / j . smhl . 2020 . 100126. [URL] [Impact Factor: 5.19][Citations: 5].
 38. Z. Chen, H. Cao, H. Wang, F. Xu, V. Kostakos, Y. Li (2020). Will You Come Back / Check-in Again? Understanding Characteristics Leading to Urban Revisitation and Re-Check-In. **Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)**, 4(3), article 76, 27 pages. DOI: 10 . 1145 / 3411812. [URL] [Impact Factor: 4.0][ERA: A*][Citations: 12].
 39. M. N. Giannakos, S. Papavlasopoulou, V. Kostakos, I. Pappas, K. Sharma (2020). Fitbit for Learning: Towards capturing the learning experience using wearable sensing. **International**

- Journal of Human-Computer Studies**, 136, article 102384, 14 pages. DOI: 10 . 1016 / j . ijhcs . 2019 . 102384. [URL] [Impact Factor: 5.4][ERA: A][Citations: 60].
40. D. Hettiachchi, N. Berkel, V. Kostakos, J. Goncalves (2020). CrowdCog: A Cognitive Skill based System for Heterogeneous Task Assignment and Recommendation in Crowdsourcing. **Proceedings of the ACM on Human-Computer Interaction**, 4(CSCW), article 110, 22 pages. DOI: 10 . 1145/3415181. [URL] [ERA: A][Citations: 42].
 41. V. Kostakos, B. Knowles, P. Markopoulos, K. Yatani (2020). Growing Up With Pervasive Computing (Editorial). **IEEE Pervasive Computing**, 19(1), 8–9. DOI: 10 . 1109/MPRV . 2020 . 2971286. [URL] [Impact Factor: 1.6][ERA: A].
 42. C. Luo, J. Goncalves, E. Velloso, V. Kostakos (2020). A Survey of Context Simulation for Testing Mobile Context-Aware Applications. **ACM Computing Surveys**, 53(1), article 21, 39 pages. DOI: 10 . 1145/3372788. [URL] [Impact Factor: 16.6][ERA: A*][Citations: 35].
 43. G. Marini, B. Tag, J. Goncalves, E. Velloso, R. Jurdak, D. Capurro, C. McCarthy, W. Shearer, V. Kostakos (2020). Measuring Mobility and Room Occupancy in Clinical Settings: System Development and Implementation. **JMIR mHealth and uHealth**, 8(10), article e19874, 17 pages. DOI: 10 . 2196/19874. [URL] [Impact Factor: 5.0][Citations: 1].
 44. K. Sharma, E. Niforatos, M. Giannakos, V. Kostakos (2020). Assessing Cognitive Performance Using Physiological and Facial Features: Generalizing across Contexts. **Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)**, 4(3), article 95, 41 pages. DOI: 10 . 1145 / 3411811. [URL] [Impact Factor: 4.0][ERA: A*][Citations: 37].
 45. B. Tag, T. Dingler, A. W. Vargo, V. Kostakos (2020). Inferring Circadian Rhythms of Cognitive Performance in Everyday Life. **IEEE Pervasive Computing**, 19(3), 14–23. DOI: 10 . 1109/MPRV . 2020 . 2994914. [URL] [Impact Factor: 1.6][ERA: A][Citations: 4].
 46. C. Wang, Z. Sarsenbayeva, X. Chen, T. Dingler, J. Goncalves, V. Kostakos (2020). Accurate Measurement of Handwash Quality Using Sensor Armbands: Instrument Validation Study. **JMIR mHealth and uHealth**, 8(3), article e17001, 18 pages. DOI: 10 . 2196/17001. [URL] [Impact Factor: 5.0][Citations: 38].
 47. S. Wijenayake, N. Berkel, V. Kostakos, J. Goncalves (2020). Impact of contextual and personal determinants on online social conformity. **Computers in Human Behavior**, 108, article 106302, 11 pages. DOI: 10 . 1016 / j . chb . 2020 . 106302. [URL] [Impact Factor: 9.9][Citations: 58].
 48. S. Wijenayake, N. Berkel, V. Kostakos, J. Goncalves (2020). Quantifying the Effect of Social Presence on Online Social Conformity. **Proceedings of the ACM on Human-Computer Interaction**, 4(CSCW), article 55, 22 pages. DOI: 10 . 1145 / 3392863. [URL] [ERA: A][Citations: 13].
 49. S. Wijenayake, D. Hettiachchi, S. Hosio, V. Kostakos, J. Goncalves (2020). Effect of Conformity on Perceived Trustworthiness of News in Social Media. **IEEE Internet Computing**, 1–8. DOI: 10 . 1109 / MIC . 2020 . 3032410. [URL] [Impact Factor: 3.2][ERA: B][Citations: 24].
 50. N. Berkel, J. Goncalves, D. Hettiachchi, S. Wijenayake, R. M. Kelly, V. Kostakos (2019). Crowdsourcing Perceptions of Fair Predictors for Machine Learning: A Recidivism Case Study. **Proceedings of the ACM on Human-Computer Interaction**, 3(CSCW), article 28, 21 pages. DOI: 10 . 1145/3359130. [URL] [ERA: A][Citations: 67].
 51. N. Berkel, J. Goncalves, L. Lovén, D. Ferreira, S. Hosio, V. Kostakos (2019). Effect Of Experience Sampling Schedules On Response Rate And Recall Accuracy Of Objective Self-Reports. **International Journal of Human-Computer Studies**, 125, 118–128. DOI: 10 . 1016/j . ijhcs . 2018 . 12 . 002. [URL] [Impact Factor: 5.4][ERA: A][Citations: 87].
 52. M. Giannakos, K. Sharma, I. O. Pappas, V. Kostakos, E. Velloso (2019). Multimodal data as a means to understand the learning experience. **International Journal of Information Management**, 48, 108–119. DOI: 10 . 1016/j . ijinfmt . 2019 . 02 . 003. [URL] [Impact Factor: 21][Citations: 156].

53. W. Jiang, G. Marini, N. Berkel, Z. Sarsenbayeva, Z. Tan, C. Luo, X. He, T. Dingler, J. Goncalves, Y. Kawahara, V. Kostakos (2019). Probing Sucrose Contents in Everyday Drinks Using Miniaturized Near-Infrared Spectroscopy Scanners. **Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)**, 3(4), article 136, 25 pages. DOI: 10.1145/3369834. [URL] [Impact Factor: 4.0][ERA: A*][Citations: 22].
54. M. B. Lopez, A. Hadid, E. Boutellaa, J. Goncalves, V. Kostakos, S. Hosio (2019). Kinship Verification from Facial Images and Videos: Human vs. Machine. **Machine Vision and Applications**, 29(5), 873–890. DOI: 10.1007/s00138-018-0943-x. [URL] [Impact Factor: 2.012][ERA: B][Citations: 33].
55. C. Luo, A. Visuri, S. Klakegg, N. Berkel, Z. Sarsenbayeva, A. Möttönen, J. Goncalves, T. Anagnostopoulos, D. Ferreira, H. Flores, E. Velloso, V. Kostakos (2019). Energy-efficient prediction of smartphone unlocking. **Personal and Ubiquitous Computing**, 23(1), 159–177. DOI: 10.1007/s00779-018-01190-0. [URL] [Impact Factor: 3.006][ERA: B][Citations: 6].
56. C. Luo, Z. Xu, R. Dong, J. Goncalves, E. Velloso, V. Kostakos (2019). CamTest: A laboratory testbed for camera-based mobile sensing applications. **Pervasive and Mobile Computing**, 56, 106–131. DOI: 10.1016/j.pmcj.2019.04.001. [URL] [Impact Factor: 4.3][ERA: B][Citations: 1].
57. Z. Sarsenbayeva, N. Berkel, D. Hettiachchi, W. Jiang, T. Dingler, E. Velloso, V. Kostakos, J. Goncalves (2019). Measuring the Effects of Stress on Mobile Interaction. **Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)**, 3(1), article 24, 18 pages. DOI: 10.1145/3314411. [URL] [Impact Factor: 4.0][ERA: A*][Citations: 35].
58. A. Visuri, N. Berkel, T. Okoshi, J. Goncalves, V. Kostakos (2019). Understanding smartphone notifications' user interactions and content importance. **International Journal of Human-Computer Studies**, 128, 72–85. DOI: 10.1016/j.ijhcs.2019.03.001. [URL] [Impact Factor: 5.4][ERA: A][Citations: 48].
59. S. Wijenayake, N. Berkel, V. Kostakos, J. Goncalves (2019). Measuring the Effects of Gender on Online Social Conformity. **Proceedings of the ACM on Human-Computer Interaction**, 3(CSCW), article 145, 24 pages. DOI: 10.1145/3359247. [URL] [ERA: A][Citations: 15].
60. H. Cao, Z. Chen, F. Xu, Y. Li, V. Kostakos (2018). Revisitation in Urban Space vs. Online: A Comparison across POIs, Websites, and Smartphone Apps. **Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)**, 2(4), article 156, 25 pages. DOI: 10.1145/3287034. [URL] [Impact Factor: 4.0][ERA: A*][Citations: 32].
61. H. Cao, J. Feng, Y. Li, V. Kostakos (2018). Uniqueness in the City: Urban Morphology and Location Privacy. **Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)**, 2(2), 1–20. DOI: 10.1145/3214265. [URL] [Impact Factor: 4.0][ERA: A*][Citations: 22].
62. H. Flores, P. Hui, P. Nurmi, E. Lagerspetz, S. Tarkoma, J. Manner, V. Kostakos, Y. Li, X. Su (2018). Evidence-aware Mobile Computational Offloading. **IEEE Transactions on Mobile Computing**, 17(8), 1834–1850. DOI: 10.1109/TMC.2017.2777491. [URL] [Impact Factor: 7.9][ERA: A*][Citations: 47].
63. S. Hosio, J. Goncalves, N. Berkel, S. Klakegg, V. Kostakos (2018). Facilitating Collocated Crowdsourcing on Situated Displays. **Human-Computer Interaction**, 33(5-6), 335–371. DOI: 10.1080/07370024.2017.1344126. [URL] [Impact Factor: 5.3][ERA: A][Citations: 18].
64. S. Klakegg, J. Goncalves, A. Visuri, C. Luo, A. Popov, N. Berkel, Z. Sarsenbayeva, V. Kostakos, S. Hosio, S. Savage, A. Bykov, I. Meglinski, D. Ferreira (2018). Assisted Medication Management in Elderly Care Using Miniaturised Near-Infrared Spectroscopy. **Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies**

- (IMWUT), 2(2), article 69, 24 pages. DOI: 10 . 1145 / 3214272. [URL] [Impact Factor: 4.0][ERA: A*. Distinguished Paper Award][Citations: 24].
65. Z. Sarsenbayeva, N. Berkel, E. Velloso, V. Kostakos, J. Goncalves (2018). Effect of Distinct Ambient Noise Types on Mobile Interaction. **Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)**, 2(2), article 82, 23 pages. DOI: 10.1145/3214285. [URL] [Impact Factor: 4.0][ERA: A*][Citations: 30].
 66. D. Yu, Y. Li, F. Xu, P. Zhang, V. Kostakos (2018). Smartphone App Usage Prediction Using Points of Interest. **Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)**, 1(4), article 174, 21 pages. DOI: 10 . 1145 / 3161413. [URL] [Impact Factor: 4.0][ERA: A*][Citations: 99].
 67. Y. Zhang, T. Gu, C. Luo, V. Kostakos, A. Seneviratne (2018). FinDroidHR: Smartwatch Gesture Input with Optical HeartRate Monitor. **Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)**, 2(1), article 56, 42 pages. DOI: 10.1145/3191788. [URL] [Impact Factor: 4.0][ERA: A*][Citations: 34].
 68. G. D. Abowd, V. Kostakos, S. Santini, J. Scott, K. Yatani (2017). Editorial. **Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)**, 1(1), 1. DOI: 10.1145/3075960. [URL] [Impact Factor: 4.0].
 69. T. Anagnostopoulos, J. C. Garcia, J. Goncalves, D. Ferreira, S. Hosio, V. Kostakos (2017). Environmental exposure assessment using indoor/outdoor detection on smartphones. **Personal and Ubiquitous Computing**, 21(4), 761–773. DOI: 10.1007/s00779-017-1028-y. [URL] [Impact Factor: 3.006][ERA: B][Citations: 19].
 70. A. Berenguer, J. Goncalves, S. Hosio, D. Ferreira, T. Anagnostopoulos, V. Kostakos (2017). Are Smartphones Ubiquitous? An In-depth Survey of Smartphone Adoption by Seniors. **IEEE Consumer Electronics Magazine**, 6(1), 104–110. DOI: 10.1109/MCE.2016.2614524. [URL] [Impact Factor: 4.5][Citations: 175].
 71. N. Berkel, D. Ferreira, V. Kostakos (2017). The Experience Sampling Method on Mobile Devices. **ACM Computing Surveys**, 50(6), article 93, 40 pages. DOI: 10 . 1145 / 3123988. [URL] [Impact Factor: 16.6][ERA: A*][Citations: 527].
 72. N. Berkel, J. Goncalves, S. Hosio, V. Kostakos (2017). Gamification of Mobile Experience Sampling Improves Data Quality and Quantity. **Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)**, 1(3), article 107, 21 pages. DOI: 10.1145/3130972. [URL] [Impact Factor: 4.0][ERA: A*][Citations: 96].
 73. H. Flores, R. Sharma, D. Ferreira, V. Kostakos, S. Tarkoma, P. Hui, Y. Li (2017). Social-aware Hybrid Mobile Offloading. **Pervasive and Mobile Computing**, 36, 25–43. DOI: 10.1016/j.pmcj.2016.09.014. [URL] [Impact Factor: 4.3][ERA: B][Citations: 55].
 74. J. Goncalves, S. Hosio, N. Berkel, F. Ahmed, V. Kostakos (2017). CrowdPickUp: Crowdsourcing Task Pickup in the Wild. **Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)**, 1(3), article 51, 22 pages. DOI: 10 . 1145/3130916. [URL] [Impact Factor: 4.0][ERA: A*][Citations: 24].
 75. J. Goncalves, S. Hosio, V. Kostakos (2017). Eliciting Structured Knowledge from Situated Crowd Markets. **ACM Transactions on Internet Technology**, 17(2), article 14, 21 pages. doi: 10.1145/3007900. [URL] [Impact Factor: 5.3][ERA: B][Citations: 8].
 76. J. Goncalves, Z. Sarsenbayeva, N. Berkel, S. Hosio, S. Rissanen, H. Rintamaki, V. Kostakos (2017). Tapping Task Performance on Smartphones in Cold Temperature. **Interacting with Computers**, 29(3), 355–367. DOI: 10 . 1093 / iwc / iww029. [URL] [Impact Factor: 1.3][ERA: B][Citations: 26].
 77. A. Komninos, J. Besharat, D. Ferreira, J. Garofalakis, V. Kostakos (2017). Where's everybody? Comparing the use of heatmaps to uncover cities' tacit social context in smartphones and pervasive displays. **Information Technology & Tourism**, 17(4), 399–427. doi: 10.1007/s40558-017-0092-5. [URL] [Impact Factor: 9.3][Citations: 14].
 78. V. Kostakos, M. Musolesi (2017). Avoiding pitfalls when using machine learning in HCI studies. **Interactions**, 24(4), 34–37. doi: 10.1145/3085556. [URL] [Citations: 16].

79. Y. Liu, D. Ferreira, J. Goncalves, S. Hosio, P. Pandab, V. Kostakos (2017). Donating Context Data to Science: The Effects of Social Signals and Perceptions on Action-Taking. **Interacting with Computers**, 29(2), 132–146. DOI: 10 . 1093 / iwc / iww013. [URL] [Impact Factor: 1.3][ERA: B][Citations: 12].
80. Y. Liu, J. Mezei, V. Kostakos, H. Li (2017). Applying Configurational Analysis to IS Behavioural Research: a Methodological Alternative for Modelling Combinatorial Complexities. **Information Systems Journal**, 27(1), 59–89. DOI: 10 . 1111 / isj . 12094. [URL] [Impact Factor: 6.4][ERA: A*][Citations: 191].
81. C. Luo, M. Kuuttila, S. Klakegg, D. Ferreira, J. Goncalves, M. Mantyla, V. Kostakos (2017). TestAWARE: A Laboratory-Oriented Testing Tool for Mobile Context-Aware Applications. **Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)**, 1(3), article 80, 29 pages. DOI: 10 . 1145 / 3130945. [URL] [Impact Factor: 4.0][ERA: A*][Citations: 13].
82. Z. Sarsenbayeva, N. Berkel, A. Visuri, S. Rissanen, H. Rintamaki, V. Kostakos, J. Goncalves (2017). Sensing Cold-Induced Situational Impairments in Mobile Interaction. **Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)**, 1(3), article 98, 10 pages. DOI: 10 . 1145 / 3130963. [URL] [Impact Factor: 4.0][ERA: A*][Citations: 18].
83. T. Sasao, S. Konomi, V. Kostakos, K. Kuribayashi, J. Goncalves (2017). Community Reminder: Participatory Contextual Reminder Environments for Local Communities. **International Journal of Human-Computer Studies**, 102, 41–53. DOI: 10 . 1016 / j . ijhcs . 2016 . 09 . 001. [URL] [Impact Factor: 5.4][ERA: A][Citations: 18].
84. T. Anagnostopoulos, D. Ferreira, A. Samodelkin, M. Ahmed, V. Kostakos (2016). Cyclist-aware traffic lights through distributed smartphone sensing. **Pervasive and Mobile Computing**, 31, 22–36. DOI: 10 . 1016 / j . pmc j . 2016 . 01 . 012. [URL] [Impact Factor: 4.3][ERA: B][Citations: 26].
85. J. Goncalves, S. Hosio, Y. Liu, V. Kostakos (2016). Worker performance in a situated crowdsourcing market. **Interacting with Computers**, 28(5), 612–624. DOI: 10 . 1093 / iwc / iww035. [URL] [Impact Factor: 1.3][ERA: B][Citations: 5].
86. S. Hosio, H. Kukka, J. Goncalves, V. Kostakos, T. Ojala (2016). Toward Meaningful Engagement with Pervasive Displays. **IEEE Pervasive Computing**, 15(3), 24–31. DOI: 10 . 1109 / MPRV . 2016 . 58. [URL] [Impact Factor: 1.6][ERA: A][Citations: 18].
87. Y. Liu, H. Li, X. Xu, V. Kostakos, J. Heikkila (2016). Modeling Consumer Switching Behavior in Social Network Games by Exploring Consumer Cognitive Dissonance and Change Experience. **Industrial Management & Data Systems**, 116(4), 801–820. DOI: 10 . 1108 / IMDS - 05 - 2015 - 0170. [URL] [Impact Factor: 5.5][Citations: 67].
88. Y. Liu, H. Li, J. Goncalves, V. Kostakos, B. Xiao (2016). Fragmentation or Cohesion? Visualizing the Process and Consequences of Information System Diversity, 1993-2012. **European Journal of Information Systems**, 25(6), 509–533. DOI: 10 . 1057 / ejis . 2016 . 5. [URL] [Impact Factor: 9.5][ERA: A*][Citations: 34].
89. M. Pouke, J. Goncalves, D. Ferreira, V. Kostakos (2016). Practical simulation for virtual crowds using points of interest. **Computers, Environment and Urban Systems**, 57, 118–129. DOI: 10 . 1016 / j . compenvurbsys . 2016 . 02 . 004. [URL] [Impact Factor: 6.8][Citations: 24].
90. D. Ferreira, V. Kostakos, A. K. Dey (2015). AWARE: mobile context instrumentation framework. **Frontiers in ICT**, 2(6), 1–9. DOI: 10 . 3389 / fict . 2015 . 00006. [URL] [Impact Factor: 2.283][Citations: 432].
91. J. Goncalves, S. Hosio, J. Rogstadius, E. Karapanos, V. Kostakos (2015). Motivating Participation and Improving Quality of Contribution in Ubiquitous Crowdsourcing. **Computer Networks**, 90, 34–48. DOI: 10 . 1016 / j . comnet . 2015 . 07 . 002. [URL] [Impact Factor: 5.6][ERA: A][Citations: 73].

92. J. Goncalves, Y. Liu, B. Xiao, S. Chaundhry, S. Hosio, V. Kostakos (2015). Increasing the Reach of Government Social Media: A Case Study in Modeling Government-Citizen Interaction on Facebook. *Policy & Internet*, 7(1), 80–102. DOI: 10.1002/poi3.81. [URL] [Impact Factor: 4.9][Citations: 41].
93. S. Hosio, J. Goncalves, V. Kostakos, J. Riekkilä (2015). Crowdsourcing Public Opinion using Urban Pervasive Technologies: Lessons from Real-Life Experiments in Oulu. *Policy & Internet*, 7(2), 203–222. DOI: 10.1002/poi3.90. [URL] [Impact Factor: 4.9][Citations: 71].
94. V. Kostakos (2015). The big hole in HCI research. *Interactions*, 22(2), 48–51. DOI: 10.1145/2729103. [URL] [Citations: 56].
95. V. Kostakos, D. Ferreira (2015). The Rise Of Ubiquitous Instrumentation. *Frontiers in ICT*, 2(3), 1–2. DOI: 10.3389/fict.2015.00003. [URL] [Impact Factor: 2.283][Citations: 9].
96. Y. Liu, V. Kostakos, H. Li (2015). Climatic Effects on Planning Behavior. *PLoS ONE*, 10(5), article e0126205, 9 pages. DOI: 10.1371/journal.pone.0126205. [URL] [Impact Factor: 3.7][Citations: 9].
97. M. Perttunen, V. Kostakos, J. Riekkilä, T. Ojala (2015). Urban traffic analysis through multi-modal sensing. *Personal and Ubiquitous Computing*, 19(3), 709–721. DOI: 10.1007/s00779-015-0833-4. [URL] [Impact Factor: 3.006][ERA: B][Citations: 29].
98. J. Goncalves, S. Hosio, Y. Liu, V. Kostakos (2014). Eliciting Situated Feedback: A Comparison of Paper, Web Forms and Public Displays. *Displays*, 35(1), 27–37. DOI: 10.1016/j.displa.2013.12.002. [URL] [Impact Factor: 4.3][ERA: B][Citations: 38].
99. J. Goncalves, V. Kostakos, E. Karapanos, M. Barreto, T. Camacho, A. Tomasic, J. Zimmerman (2014). Citizen Motivation on the Go: The Role of Psychological Empowerment. *Interacting with Computers*, 26(3), 196–207. DOI: 10.1093/iwc/iwt035. [URL] [Impact Factor: 1.3][ERA: B][Citations: 55].
100. C. Katsanos, N. Tselios, J. Goncalves, T. Juntunen, V. Kostakos (2014). Multipurpose Public Displays: Can Automated Grouping of Applications and Services Enhance User Experience? *International Journal of Human-Computer Interaction*, 30(3), 237–249. DOI: 10.1080/10447318.2013.849547. [URL] [Impact Factor: 4.7][ERA: B][Citations: 13].
101. H. Kukka, A. Luusua, J. Ylipulli, T. Suopajarvi, V. Kostakos, T. Ojala (2014). From cyberpunk to calm urban computing: Exploring the role of technology in the future cityscape. *Technological Forecasting & Social Change*, 84, 29–42. DOI: 10.1016/j.techfore.2013.07.015. [URL] [Impact Factor: 12.0][Citations: 56].
102. Y. Liu, H. Li, V. Kostakos, J. Goncalves, S. Hosio, F. Hu (2014). An Empirical Investigation of Mobile Government Adoption in Rural China: A Case Study in Zhejiang Province. *Government Information Quarterly*, 31(3), 432–442. DOI: 10.1016/j.giq.2014.02.008. [URL] [Impact Factor: 7.8][ERA: B][Citations: 226].
103. Y. Liu, J. Venkatanathan, J. Goncalves, E. Karapanos, V. Kostakos (2014). Modeling what friendship patterns on Facebook reveal about personality and social capital. *ACM Transactions on Computer-Human Interaction*, 21(3), article 17, 20 pages. DOI: 10.1145/2617572. [URL] [Impact Factor: 3.7][ERA: A*][Citations: 39].
104. M. Perttunen, V. Kostakos, J. Riekkilä, T. Ojala (2014). Spatio-temporal patterns link your digital identities. *Computers, Environment and Urban Systems*, 47, 58–67. DOI: 10.1016/j.compenvurbsys.2013.12.004. [URL] [Impact Factor: 6.8][Citations: 10].
105. J. Venkatanathan, V. Kostakos, E. Karapanos, J. Goncalves (2014). Online Disclosure of Personally Identifiable Information with Strangers: Effects of Public and Private Sharing. *Interacting with Computers*, 26(6), 614–626. DOI: 10.1093/iwc/iwt058. [URL] [Impact Factor: 1.3][ERA: B][Citations: 21].
106. J. Ylipulli, T. Suopajarvi, T. Ojala, V. Kostakos, H. Kukka (2014). Municipal WiFi and interactive displays: Appropriation of new technologies in public urban spaces. *Technological Forecasting & Social Change*, 89, 145–160. DOI: 10.1016/j.techfore.2013.08.037. [URL] [Impact Factor: 12.0][Citations: 103].

107. V. Kostakos, T. Camacho, C. Mantero (2013). Towards proximity-based passenger sensing on public transport buses. **Personal and Ubiquitous Computing**, 17(8), 1807–1816. DOI: 10.1007/s00779-013-0652-4. [URL] [Impact Factor: 3.006][ERA: B][Citations: 47].
108. V. Kostakos, T. Juntunen, J. Goncalves, S. Hosio, T. Ojala (2013). Where Am I? Location Archetype Keyword Extraction from Urban Mobility Patterns. **PLoS ONE**, 8(5), article e63980, 10 pages. DOI: 10.1371/journal.pone.0063980. [URL] [Impact Factor: 3.7][Citations: 17].
109. V. Kostakos, H. Kukka, J. Goncalves, N. Tselios, T. Ojala (2013). Multipurpose public displays: How shortcut menus affect usage. **IEEE Computer Graphics and Applications**, 33(2), 50–57. DOI: 10.1109/MCG.2012.125. [URL] [Impact Factor: 1.8][ERA: B][Citations: 31].
110. V. Kostakos, M. Musolesi (2013). Introduction to the special issue on social networks and ubiquitous interactions. **International Journal of Human-Computer Studies**, 71(9), 859–861. DOI: 10.1016/j.ijhcs.2013.04.002. [URL] [Impact Factor: 5.4][ERA: A][Citations: 2].
111. V. Kostakos, T. Ojala (2013). Public Displays Invade Urban Spaces. **IEEE Pervasive Computing**, 12(1), 8–13. DOI: 10.1109/MPRV.2013.15. [URL] [Impact Factor: 1.6][ERA: A][Citations: 75].
112. V. Kostakos, T. Ojala, T. Juntunen (2013). Traffic in the Smart City: Exploring City-Wide Sensing for Traffic Control Center Augmentation. **IEEE Internet Computing**, 17(6), 22–29. DOI: 10.1109/MIC.2013.83. [URL] [Impact Factor: 3.2][ERA: B][Citations: 106].
113. H. Kukka, V. Kostakos, T. Ojala, J. Ylipulli, T. Suopajarvi, M. Jurmu, S. Hosio (2013). This is not classified: everyday information seeking and encountering in smart urban spaces. **Personal and Ubiquitous Computing**, 17(1), 15–27. DOI: 10.1007/s00779-011-0474-1. [URL] [Impact Factor: 3.006][ERA: B][Citations: 58].
114. J. Rogstadius, C. Teixeira, M. Vukovic, V. Kostakos, E. Karapanos, J. Laredo (2013). CrisisTracker: Crowdsourced Social Media Curation for Disaster Awareness. **IBM Journal of Research and Development**, 57(5), article 4, 13 pages. DOI: 10.1147/JRD.2013.2260692. [URL] [Impact Factor: 1.3][ERA: B][Citations: 264].
115. D. Ferreira, V. Kostakos, A. K. Dey (2012). Lessons Learned from Large-Scale User Studies: Using Android Market as a Source of Data. **International Journal of Mobile Human Computer Interaction**, 4(3), 28–43. DOI: 10.4018/jmhci.2012070102. [URL] [Impact Factor: 1.6][Citations: 46].
116. V. Kostakos (2012). Training users vs. training soldiers: experiences from the battlefield. **Communications of the ACM**, 55(3), 33–35. DOI: 10.1145/2093548.2093562. [URL] [Impact Factor: 22.7][Citations: 2].
117. O. Lyra, E. Karapanos, V. Kostakos (2012). Measuring social inclusion in primary schools. **IEEE Pervasive Computing**, 11(3), 43–45. DOI: 10.1109/MPRV.2012.45. [URL] [Impact Factor: 1.6][ERA: A].
118. T. Ojala, V. Kostakos, H. Kukka, T. Heikkinen, T. Linden, M. Jurmu, S. Hosio, F. Kruger, D. Zanni (2012). Multipurpose Interactive Public Displays in the Wild: Three Years Later. **Computer**, 45(5), 42–49. DOI: 10.1109/MC.2012.115. [URL] [Impact Factor: 3.7][ERA: B][Citations: 246].
119. V. Kostakos (2011). The challenges and opportunities of designing pervasive systems for deep-space colonies. **Personal and Ubiquitous Computing**, 15(5), 479–486. DOI: 10.1007/s00779-010-0317-5. [URL] [Impact Factor: 3.006][ERA: B][Citations: 2].
120. V. Kostakos, P. Kostakos (2010). Inferring social networks from physical interactions: a feasibility study. **International Journal of Pervasive Computing and Communications**, 6(4), 423–431. DOI: 10.1108/17427371011097622. [URL] [ERA: C][Citations: 4].
121. V. Kostakos, E. O’Neill, A. Penn, G. Roussos, D. Papadongonas (2010). Brief encounters: Sensing, modeling and visualizing urban mobility and copresence networks. **ACM**

- Transactions on Computer-Human Interaction**, 17(1), article 2, 38 pages. DOI: 10.1145/1721831.1721833. [URL] [Impact Factor: 3.7][ERA: A*][Citations: 87].
122. V. Kostakos (2009). Temporal graphs. **Physica A: Statistical Mechanics and its Applications**, 388(6), 1007–1023. DOI: 10.1016/j.physa.2008.11.021. [URL] [Impact Factor: 3.3][Citations: 403].
 123. V. Kostakos, T. Nicolai, E. Yoneki, E. O’Neill, H. Kenn, J. Crowcroft (2009). Understanding and measuring the urban pervasive infrastructure. **Personal and Ubiquitous Computing**, 13(5), 355–364. DOI: 10.1007/s00779-008-0196-1. [URL] [Impact Factor: 3.006][ERA: B][Citations: 64].
 124. G. Roussos, V. Kostakos (2009). RFID in Pervasive Computing: State-of-the-art and Outlook. **Pervasive and Mobile Computing**, 5(1), 110–131. DOI: 10.1016/j.pmcj.2008.11.004. [URL] [Impact Factor: 4.3][ERA: B][Citations: 188].
 125. V. Kostakos, P. Kostakos (2007). Social network analysis: Real world methodological challenges. **ESRC Standing Group on Organised Crime Newsletter**, 6(1), 7–9. [URL].
 126. V. Kostakos, P. Kostakos (2006). Criminal group behaviour and operational environments. **ESRC Standing Group on Organised Crime Newsletter**, 5(2), 6–7. [URL].
 127. V. Kostakos, E. O’Neill, A. Penn (2006). Designing urban pervasive systems. **Computer**, 39(9), 52–59. DOI: 10.1109/MC.2006.303. [URL] [Impact Factor: 3.7][ERA: B][Citations: 67].
 128. E. O’Neill, M. Kaenampornpan, V. Kostakos, A. Warr, D. Woodgate (2006). Can we do without GUIs? Gesture and speech interaction with a patient information system. **Personal and Ubiquitous Computing**, 10(5), 269–283. DOI: 10.1007/s00779-005-0048-1. [URL] [Impact Factor: 3.006][ERA: B][Citations: 39].
 129. V. Kostakos, E. O’Neill, L. Little, E. Sillence (2005). The social implications of emerging technologies. **Interacting with Computers**, 17(5), 475–483. DOI: 10.1016/j.intcom.2005.03.001. [URL] [Impact Factor: 1.3][ERA: B][Citations: 37].

Book chapters

130. R. Buyya, S. N. Srirama, R. Mahmud, M. Goudarzi, L. Ismail, V. Kostakos (2023). “Quality of Service (QoS)-Driven Edge Computing and Smart Hospitals: A Vision, Architectural Elements, and Future Directions”. *Lecture Notes in Networks and Systems*. Ed. by S. Singh, S. Mahanta, and Y. Singh. Vol. 676. Springer International Publishing. DOI: 10.1007/978-981-99-1699-3_1. [URL].
131. N. Berkel, V. Kostakos (2021). “Recommendations for Conducting Longitudinal Experience Sampling Studies”. *Advances in Longitudinal HCI Research*. Ed. by E. Karapanos, J. Gerken, J. Kjeldskov, and M. B. Skov. Springer International Publishing, 59–78. DOI: 10.1007/978-3-030-67322-2_4. [URL] [Citations: 16].
132. H. Flores, V. Kostakos, S. Tarkoma, P. Hui, Y. Li (2018). “Evidence-Aware Mobile Cloud Architectures”. *Mobile Big Data: A Roadmap from Models to Technologies*. Ed. by G. Skourletopoulos, G. Mastorakis, C. X. Mavromoustakis, C. Dobre, and E. Pallis. Springer International Publishing, 65–84. DOI: 10.1007/978-3-319-67925-9_4. [URL] [Citations: 3].
133. D. Ferreira, V. Kostakos, I. Schweizer (2017). “Human Sensors on the Move”. *Participatory Sensing, Opinions and Collective Awareness*. Ed. by V. Loreto, M. Haklay, A. Hotho, V. C. P. Servedio, G. Stumme, J. Theunis, and F. Tria. Springer International Publishing, 9–19. DOI: 10.1007/978-3-319-25658-0_1. [URL] [Citations: 8].
134. S. Gautama, M. Atzmueller, V. Kostakos, D. Gillis, S. Hosio (2017). “Observing Human Activity Through Sensing”. *Participatory Sensing, Opinions and Collective Awareness*. Ed. by V. Loreto, M. Haklay, A. Hotho, V. C. P. Servedio, G. Stumme, J. Theunis, and F. Tria. Springer International Publishing, 47–68. DOI: 10.1007/978-3-319-25658-0_3. [URL] [Citations: 5].

135. V. Kostakos, J. Rogstadius, D. Ferreira, S. Hosio, J. Goncalves (2017). “Human Sensors”. *Participatory Sensing, Opinions and Collective Awareness*. Ed. by V. Loreto, M. Haklay, A. Hotho, V. C. P. Servedio, G. Stumme, J. Theunis, and F. Tria. Springer International Publishing, 69–92. DOI: 10.1007/978-3-319-25658-0_4. [URL] [Citations: 19].
136. S. Hosio, J. Goncalves, V. Kostakos, J. Riekkki (2014). “Exploring Civic Engagement on Public Displays”. *User-Centric Technology Design for Nonprofit and Civic Engagements*. Ed. by S. Saeed. Springer International Publishing, 91–111. DOI: 10.1007/978-3-319-05963-1_7. [URL] [Citations: 47].
137. S. Faria, V. Kostakos (2012). “A scalable sensor middleware for social end-user programming”. *Mobile Context Awareness*. Ed. by T. Lovett and E. O’Neill. Springer, 115–131. DOI: 10.1007/978-0-85729-625-2_7. [URL] [Citations: 4].
138. V. Kostakos (2010). “Space syntax and pervasive systems”. *Geospatial Analysis and Modelling of Urban Structure and Dynamics*. Ed. by B. Jiang and X. A. Yao. Springer, 31–52. DOI: 10.1007/978-90-481-8572-6_3. [URL] [Citations: 45].
139. A. F. Schieck, V. Kostakos, A. Penn (2010). “Exploring Digital Encounters in the Public Arena”. *Shared Encounters*. Ed. by K. Willis, G. Roussos, M. Chorianopoulos, and M. Struppek. Springer, 179–195. DOI: 10.1007/978-1-84882-727-1_9. [URL] [Citations: 22].
140. V. Kostakos, E. O’Neill (2008). “Cityware: Urban computing to bridge online and real-world social networks”. *Handbook of research on urban informatics: The practice and promise of the real-time city*. Ed. by M. Foth. IGI Global, 195–204. DOI: 10.4018/978-1-60566-152-0.ch013. [URL] [Citations: 73].
141. V. Kostakos, E. O’Neill (2006). “Interacting with mobile and pervasive computer systems”. *Handbook of Research on Mobile Multimedia*. Ed. by I. K. Ibrahim. IGI Global, 71–85. DOI: 10.4018/978-1-59140-866-6.ch006. [URL] [Citations: 1].

Conference papers

142. W. Jiang, D. Yu, A. Irlitti, J. Goncalves, V. Kostakos, X. He (2023). Knock the Reality: Virtual Interface Registration in Mixed Reality. 2023 IEEE Conference on Virtual Reality and 3D User Interfaces (VRW) (VRW), 615–616. DOI: 10.1109/VRW58643.2023.00150. [URL].
143. T. Dingler, B. Tag, D. Eccles, N. Berkel, V. Kostakos (2022). Method for Appropriating the Brief Implicit Association Test to Elicit Biases in Users. Conference on Human Factors in Computing Systems (CHI), article 243, 16 pages. DOI: 10.1145/3491102.3517570. [URL] [CORE: A*][Citations: 5].
144. W. Smith, G. Wadley, S. Webber, B. Tag, V. Kostakos, P. Koval, J. J. Gross (2022). Digital Emotion Regulation in Everyday Life. Conference on Human Factors in Computing Systems (CHI), article 444, 15 pages. DOI: 10.1145/3491102.3517573. [URL] [CORE: A*][Citations: 22].
145. G. Wadley, V. Kostakos, P. Koval, W. Smith, S. Webber, A. Cox, J. Gross, K. Höök, R. Mandryk, P. Slovak (2022). The Future of Emotion in Human-Computer Interaction. Conference on Human Factors in Computing Systems extended abstracts (CHI EA), 1–10. DOI: 10.1145/3491101.3503729. [URL] [Citations: 12].
146. C. Wang, K. Yang, W. Jiang, J. Wei, Z. Sarsenbayeva, J. Goncalves, V. Kostakos (2022). Hand Hygiene Quality Assessment Using Image-to-Image Translation. Medical Image Computing and Computer Assisted Intervention (MICCAI), 15 pages 64–73. DOI: 10.1007/978-3-031-16449-1_7. [URL] [CORE: A][Citations: 2].
147. J. Wei, B. Tag, J. R. Trippas, T. Dingler, V. Kostakos (2022). What Could Possibly Go Wrong When Interacting with Proactive Smart Speakers? A Case Study Using an ESM Application. Conference on Human Factors in Computing Systems (CHI), article 276, 15 pages. DOI: 10.1145/3491102.3517432. [URL] [CORE: A*][Citations: 7].
148. D. Yu, W. Jiang, A. Irlitti, T. Dingler, E. Velloso, J. Goncalves, V. Kostakos (2022). Haptics in VR Using Origami-Augmented Drones. International Symposium on Mixed and

- Augmented Reality Adjunct (ISMAR-Adjunct) (**ISMAR Adjunct**), 905–906. DOI: 10.1109/ISMAR-Adjunct57072.2022.00198. [URL] [Citations: 3].
149. D. T. Bennett, A. Dix, T. Froese, S. Lérique, F. Feng, V. Kostakos, N. Berkel, P. Eslambolchilar (2021). Emergent Interaction: Complexity, Dynamics, and Enaction in HCI. Conference on Human Factors in Computing Systems extended abstracts (**CHI EA**), article 119, 7 pages. DOI: 10.1145/3411763.3441321. [URL] [Citations: 8].
 150. W. Jiang, Z. Sarsenbayeva, N. Berkel, C. Wang, D. Yu, J. Wei, J. Goncalves, V. Kostakos (2021). User Trust in Assisted Decision-Making Using Miniaturized Near-Infrared Spectroscopy. Conference on Human Factors in Computing Systems (**CHI**), article 153, 16 pages. DOI: 10.1145/3411764.3445710. [URL] [Acceptance Rate: 26%][CORE: A*][Citations: 8].
 151. B. Tag, S. Webber, G. Wadley, V. Bartlett, J. Goncalves, P. Koval, P. Slovak, W. Smith, T. Hollenstein, A. Cox, V. Kostakos (2021). Making Sense of Emotion-Sensing: Workshop on Quantifying Human Emotions. International Joint Conference on Pervasive and Ubiquitous Computing Adjunct (**UbiComp Adjunct**). ACM, 226–229. DOI: 10.1145/3460418.3479272. [URL] [Citations: 10].
 152. J. Wei, T. Dingler, V. Kostakos (2021). Developing the Proactive Speaker Prototype Based on Google Home. Conference on Human Factors in Computing Systems extended abstracts (**CHI EA**), article 292, 6 pages. DOI: 10.1145/3411763.3451642. [URL] [Acceptance Rate: 39%][Citations: 14].
 153. S. Wijenayake, J. Hu, V. Kostakos, J. Goncalves (2021). Quantifying the Effects of Age-related Stereotypes on Online Social Conformity. IFIP TC.13 International Conference on Human-Computer Interaction (**INTERACT**), 451–475. DOI: 10.1007/978-3-030-85610-6_26. [URL] [CORE: B][Citations: 3].
 154. T. Dingler, S. Li, N. Berkel, V. Kostakos (2020). Page-Turning Techniques for Reading Interfaces in Virtual Environments. Australian Conference on Human-Computer Interaction (**OzCHI**), 454–461. DOI: 10.1145/3441000.3441024. [URL] [Acceptance Rate: 46%][CORE: National][Citations: 2].
 155. D. Hettiachchi, N. Berkel, S. Hosio, M. B. Lopez, V. Kostakos, J. Goncalves (2020). Augmenting Automated Kinship Verification with Targeted Human Input. Proceedings of the Pacific Asia Conference on Information Systems (**PACIS**), article 141, 14 pages. DOI: 10.5281/zenodo.4008130. [URL] [Acceptance Rate: 40%][CORE: A][Citations: 4].
 156. D. Hettiachchi, Z. Sarsenbayeva, F. Allison, N. Berkel, T. Dingler, G. Marini, V. Kostakos, J. Goncalves (2020). “Hi! I Am the Crowd Tasker” Crowdsourcing through Digital Voice Assistants. Conference on Human Factors in Computing Systems (**CHI**), 1–14. DOI: 10.1145/3313831.3376320. [URL] [Acceptance Rate: 24%][CORE: A*][Citations: 19].
 157. D. Hettiachchi, S. Wijenayake, S. Hosio, V. Kostakos, J. Goncalves (2020). How Context Influences Cross-Device Task Acceptance in Crowd Work. AAAI Conference on Human Computation and Crowdsourcing (**HCOMP**), 53–62. DOI: 10.1609/hcomp.v8i1.7463. [URL] [Acceptance Rate: 27%][Citations: 7].
 158. Z. Sarsenbayeva, G. Marini, N. Berkel, C. Luo, W. Jiang, K. Yang, G. Wadley, T. Dingler, V. Kostakos, J. Goncalves (2020). Does Smartphone Use Drive Our Emotions or Vice Versa? A Causal Analysis. Conference on Human Factors in Computing Systems (**CHI**), 1–15. DOI: 10.1145/3313831.3376163. [URL] [Acceptance Rate: 24%][CORE: A*][Citations: 61].
 159. Z. Sarsenbayeva, B. Tag, S. Yan, V. Kostakos, J. Goncalves (2020). Using Video Games to Regulate Emotions. Australian Conference on Human-Computer Interaction (**OzCHI**), 755–759. DOI: 10.1145/3441000.3441035. [URL] [Acceptance Rate: 46%][CORE: National][Citations: 10].
 160. J. Wei, T. Dingler, E. Gong, B. Oldenburg, V. Kostakos (2020). Proactive Smart Speakers for Chronic Disease Management: Challenges and Opportunities. Conference on Human

- Factors in Computing Systems extended abstracts (CHI EA), 1–6. DOI: 10.5281/zenodo.4060420. [URL] [Citations: 3].
161. N. Berkel, J. Goncalves, P. Koval, S. Hosio, T. Dingler, D. Ferreira, V. Kostakos (2019). Context-Informed Scheduling and Analysis: Improving Accuracy of Mobile Self-Reports. Conference on Human Factors in Computing Systems (CHI), article 51, 12 pages. DOI: 10.1145/3290605.3300281. [URL] [Acceptance Rate: 24%][CORE: A*][Citations: 35].
 162. D. Hettiachchi, N. Berkel, T. Dingler, F. Allison, V. Kostakos, J. Goncalves (2019). Enabling Creative Crowd Work through Smart Speakers. Conference on Human Factors in Computing Systems extended abstracts (CHI EA), 1–5. DOI: 10.5281/zenodo.2648986. [URL] [Citations: 4].
 163. D. Hettiachchi, N. Berkel, S. Hosio, V. Kostakos, J. Goncalves (2019). Effect of Cognitive Abilities on Crowdsourcing Task Performance. IFIP TC.13 International Conference on Human-Computer Interaction (INTERACT), 442–464. DOI: 10.1007/978-3-030-29381-9_28. [URL] [Acceptance Rate: 29%][CORE: A][Citations: 17].
 164. J. Liono, F. D. Salim, N. Berkel, V. Kostakos, A. K. Qin (2019). Improving Experience Sampling with Multi-View User-Driven Annotation Prediction. International Conference on Pervasive Computing and Communications (PerCom), 22–32. DOI: 10.1109/PERCOM.2019.8767394. [URL] [Acceptance Rate: 17%][CORE: A*][Citations: 5].
 165. C. Luo, X. Ma, Y. Tian, J. Goncalves, E. Velloso, V. Kostakos (2019). Verifying nondeterministic processes driven by broadcasts on Android. Information Technology, Networking, Electronic and Automation Control Conference (ITNEC), 341–348. DOI: 10.1109/ITNEC.2019.8729296. [URL].
 166. G. Marini, J. Goncalves, E. Velloso, R. Jurdak, V. Kostakos (2019). Towards context-free Semantic Localisation. International Joint Conference on Pervasive and Ubiquitous Computing Adjunct (UbiComp Adjunct), 584–591. DOI: 10.1145/3341162.3349329. [URL] [Citations: 4].
 167. S. Pallewatta, V. Kostakos, R. Buyya (2019). Microservices-based IoT Application Placement within Heterogeneous and Resource Constrained Fog Computing Environments. International Conference on Utility and Cloud Computing (UCC), 71–81. DOI: 10.1145/3344341.3368800. [URL] [Acceptance Rate: 29%][Citations: 89].
 168. Z. Sarsenbayeva, N. Berkel, W. Jiang, D. Hettiachchi, V. Kostakos, J. Goncalves (2019). Effect of Ambient Light on Mobile Interaction. IFIP TC.13 International Conference on Human-Computer Interaction (INTERACT), 465–475. DOI: 10.1007/978-3-030-29387-1_26. [URL] [Acceptance Rate: 29%][CORE: A][Citations: 4].
 169. Z. Sarsenbayeva, J. Goncalves, V. Kostakos (2019). Situationally-Induced Impairments and Disabilities Research. Conference on Human Factors in Computing Systems extended abstracts (CHI EA), 1–5. DOI: 10.5281/zenodo.2648085. [URL] [Citations: 4].
 170. H. Shi, H. Cao, X. Zhou, Y. Li, C. Zhang, V. Kostakos, F. Sun, F. Meng (2019). Semantics-Aware Hidden Markov Model for Human Mobility. SIAM International Conference on Data Mining (SDM), 774–782. DOI: 10.1137/1.9781611975673.87. [URL] [Acceptance Rate: 23%][CORE: A][Citations: 38].
 171. C. Wang, Z. Sarsenbayeva, C. Luo, J. Goncalves, V. Kostakos (2019). Improving Wearable Sensor Data Quality Using Context Markers. International Joint Conference on Pervasive and Ubiquitous Computing Adjunct (UbiComp Adjunct), 598–601. DOI: 10.1145/3341162.3349334. [URL] [Citations: 8].
 172. N. Berkel, S. Hosio, J. Goncalves, V. Kostakos (2018). Informed Diet Selection: Increasing Food Literacy through Crowdsourcing. Conference on Human Factors in Computing Systems extended abstracts (CHI EA), 1–2. DOI: 10.5281/zenodo.1304369. [URL] [Citations: 1].
 173. N. Berkel, S. Hosio, J. Goncalves, K. Wac, V. Kostakos, A. Cox (2018). MHC '18: International Workshop on Mobile Human Contributions: Opportunities and Challenges. International Joint Conference on Pervasive and Ubiquitous Computing Adjunct

- (UbiComp Adjunct). ACM, 590–593. DOI: 10.1145/3267305.3274134. [URL] [Citations: 4].
174. T. Dingler, A. Choudhury, V. Kostakos (2018). Biased Bots: Conversational Agents to Overcome Polarization. International Joint Conference on Pervasive and Ubiquitous Computing Adjunct (**UbiComp Adjunct**). ACM, 1664–1668. DOI: 10.1145/3267305.3274189. [URL] [Citations: 9].
 175. H. Flores, P. Hui, S. Tarkoma, Y. Li, T. Anagnostopoulos, V. Kostakos, C. Luo, X. Su (2018). SensorClone: A Framework for Harnessing Smart Devices with Virtual Sensors. ACM Multimedia Systems Conference (MMSys), 328–338. DOI: 10.1145/3204949.3204952. [URL] [Acceptance Rate: 26%][Citations: 2].
 176. S. Hosio, J. Karppinen, E.-P. Takala, J. Takatalo, J. Goncalves, N. Berkel, S. Konomi, V. Kostakos (2018). Crowdsourcing Treatments for Low Back Pain. Conference on Human Factors in Computing Systems (CHI), article 276, 12 pages. DOI: 10.1145/3173574.3173850. [URL] [Acceptance Rate: 26%][CORE: A*][Citations: 20].
 177. W. Jiang, G. Marini, N. Berkel, Z. Sarsenbayeva, C. Luo, X. He, T. Dingler, Y. Kawahara, V. Kostakos (2018). A Mobile Scanner for Probing Liquid Samples in Everyday Settings. International Joint Conference on Pervasive and Ubiquitous Computing Adjunct (**UbiComp Adjunct**). ACM, 1172–1177. DOI: 10.1145/3267305.3274764. [URL] [Citations: 3].
 178. P. Kostakos, A. Pandya, M. Oussalah, S. Hosio, C. Breidbach, V. Kostakos, N. Berkel, O. Kyriakouli, A. Sattari (2018). Correlating Refugee Border Crossings with Internet Search Data. IEEE International Conference on Information Reuse and Integration (IRI), 264–268. DOI: 10.1109/IRI.2018.00048. [URL] [Citations: 3].
 179. A. Visuri, K. O. Asare, E. Kuosmanen, Y. Nishiyama, D. Ferreira, Z. Sarsenbayeva, J. Goncalves, N. Berkel, G. Wadley, V. Kostakos, S. Clinch, O. Matthews, S. Harper, A. Jenkins, S. Snow, m. c. Schraefel (2018). Ubiquitous Mobile Sensing: Behaviour, Mood, and Environment. International Joint Conference on Pervasive and Ubiquitous Computing Adjunct (**UbiComp Adjunct**). ACM, 1140–1143. DOI: 10.1145/3267305.3274142. [URL] [Citations: 7].
 180. H. Flores, X. Su, V. Kostakos, A. Y. Ding, P. Nurmi, S. Tarkoma, P. Hui, Y. Li (2017). Large-scale Offloading in the Internet of Things. International Conference on Pervasive Computing and Communications Workshops (**PerCom WS**), 479–484. DOI: 10.1109/PERCOMW.2017.7917610. [URL] [Citations: 50].
 181. H. Flores, X. Su, V. Kostakos, J. Riekkilä, E. Lagerspetz, S. Tarkoma, P. Hui, Y. Li, J. Manner (2017). Modeling Mobile Code Acceleration in the Cloud. International Conference on Distributed Computing Systems (**ICDCS**), 480–491. DOI: 10.1109/ICDCS.2017.242. [URL] [Acceptance Rate: 17%][CORE: A][Citations: 6].
 182. G. Georgiev, K. Yamada, T. Taura, V. Kostakos, M. Pouke, S. Tzvetanova Yung, T. Ojala (2017). Augmenting Creative Design Thinking using Networks of Concepts. IEEE Virtual Reality (VR), 243–244. DOI: 10.1109/VR.2017.7892267. [URL] [CORE: B][Citations: 4].
 183. J. Goncalves, M. Feldman, S. Hu, V. Kostakos, A. Bernstein (2017). Task Routing and Assignment in Crowdsourcing based on Cognitive Abilities. 26th International World Wide Web Conference (WWW), 1023–1031. DOI: 10.1145/3041021.3055128. [URL] [CORE: A*][Citations: 25].
 184. S. Klakegg, J. Goncalves, N. Berkel, C. Luo, S. Hosio, V. Kostakos (2017). Towards Commoditised Near Infrared Spectroscopy. Designing Interactive Systems (DIS), 515–527. DOI: 10.1145/3064663.3064738. [URL] [Acceptance Rate: 24%][CORE: A][Citations: 14].
 185. C. Luo, H. Koski, M. Korhonen, J. Goncalves, T. Anagnostopoulos, S. Konomi, S. Klakegg, V. Kostakos (2017). Rapid Clock Synchronisation for Ubiquitous Sensing Services Involving Multiple Smartphones. International Joint Conference on Pervasive and Ubiquitous Computing Adjunct (**UbiComp Adjunct**), 476–481. DOI: 10.1145/3123024.3124432. [URL] [Citations: 7].

186. Z. Sarsenbayeva, N. Berkel, C. Luo, V. Kostakos, J. Goncalves (2017). Challenges of Situational Impairments during Interaction with Mobile Devices. Australian Conference on Human-Computer Interaction (**OzCHI**), 477–481. DOI: 10 . 1145 / 3152771 . 3156161. [URL] [Acceptance Rate: 46%][CORE: National. Best Paper Award][Citations: 55].
187. Z. Sarsenbayeva, D. Ferreira, N. Berkel, C. Luo, M. Vaisanen, V. Kostakos, J. Goncalves (2017). Vision-Based Happiness Inference: A Feasibility Case-Study. International Joint Conference on Pervasive and Ubiquitous Computing Adjunct (**UbiComp Adjunct**), 494–499. DOI: 10 . 1145 / 3123024 . 3124438. [URL] [Citations: 8].
188. A. Visuri, N. Berkel, C. Luo, J. Goncalves, D. Ferreira, V. Kostakos (2017). Challenges of Quantified-Self: Encouraging Self-Reported Data Logging During Recurrent Smartphone Usage. 31st British Human Computer Interaction Conference (**BCS-HCI**), 1–7. DOI: 10 . 14236 / ewic / HCI2017 . 81. [URL] [CORE: National][Citations: 11].
189. A. Visuri, N. Berkel, C. Luo, J. Goncalves, D. Ferreira, V. Kostakos (2017). Predicting Interruptibility for Manual Data Collection: A Cluster-Based User Model. International Conference on Human-Computer Interaction with Mobile Devices and Services (**MobileHCI**), article 14, 14 pages. DOI: 10 . 1145 / 3098279 . 3098532. [URL] [CORE: B][Citations: 26].
190. A. Visuri, D. Ferreira, S. Pirttikangas, V. Kostakos, K. Synnes, J. Lindqvist, Y. Nishiyama (2017). UbiMI'17: ubiquitous mobile instrumentation. International Joint Conference on Pervasive and Ubiquitous Computing Adjunct (**UbiComp Adjunct**). ACM, 448–451. DOI: 10 . 1145 / 3123024 . 3124454. [URL].
191. A. Visuri, Z. Sarsenbayeva, N. Berkel, J. Goncalves, R. Rawassizadeh, V. Kostakos, D. Ferreira (2017). Quantifying Sources and Types of Smartwatch Usage Sessions. Conference on Human Factors in Computing Systems (**CHI**), 3569–3581. DOI: 10 . 1145 / 3025453 . 3025817. [URL] [Acceptance Rate: 25%][CORE: A*][Citations: 66].
192. A. Visuri, Z. Zhu, D. Ferreira, S. Konomi, V. Kostakos (2017). Smartphone detection of collapsed buildings during earthquakes. International Joint Conference on Pervasive and Ubiquitous Computing Adjunct (**UbiComp Adjunct**), 557–562. DOI: 10 . 1145 / 3123024 . 3124402. [URL] [Citations: 3].
193. N. Berkel, S. Hosio, T. Durkee, V. Carli, D. Wasserman, V. Kostakos (2016). Providing Patient Context to Mental Health Professionals Using Mobile Applications. CHI workshop on Computing and Mental Health (**CHI EA**), 1–4. DOI: 10 . 13140 / RG . 2 . 1 . 3793 . 1923. [URL] [Citations: 2].
194. N. Berkel, S. Kopytin, S. Hosio, J. Malmberg, H. Järvenoja, V. Kostakos (2016). Measuring Group Dynamics in an Elementary School Setting Using Mobile Devices. International Joint Conference on Pervasive and Ubiquitous Computing Adjunct (**UbiComp Adjunct**), 652–656. DOI: 10 . 1145 / 2968219 . 2971596. [URL] [Citations: 5].
195. N. Berkel, C. Luo, T. Anagnostopoulos, D. Ferreira, J. Goncalves, S. Hosio, V. Kostakos (2016). A Systematic Assessment of Smartphone Usage Gaps. Conference on Human Factors in Computing Systems (**CHI**), 4711–4721. DOI: 10 . 1145 / 2858036 . 2858348. [URL] [Acceptance Rate: 23%][CORE: A*][Citations: 80].
196. D. Ferreira, C. Schuss, C. Luo, J. Goncalves, V. Kostakos, T. Rahkonen (2016). Indoor Light Scavenging on Smartphones. International Conference on Mobile and Ubiquitous Multimedia (**MUM**), 369–372. DOI: 10 . 1145 / 3012709 . 3017603. [URL] [CORE: B][Citations: 5].
197. H. Flores, D. Ferreira, C. Luo, V. Kostakos, P. Hui, R. Sharma, S. Tarkoma, Y. Li (2016). Social-aware Device-to-Device Communication: A Contribution for Edge and Fog Computing? International Joint Conference on Pervasive and Ubiquitous Computing Adjunct (**UbiComp Adjunct**), 1466–1471. DOI: 10 . 1145 / 2968219 . 2968589. [URL] [Citations: 17].
198. J. Goncalves, H. Kukka, I. Sánchez, V. Kostakos (2016). Crowdsourcing Queue Estimations in Situ. Conference on Computer-Supported Cooperative Work and Social

- Computing (CSCW), 1040–1051. DOI: 10.1145/2818048.2819997. [URL] [Acceptance Rate: 25%][CORE: A][Citations: 26].
199. S. Hosio, D. Ferreira, J. Goncalves, N. Berkel, C. Luo, M. Ahmed, H. Flores, V. Kostakos (2016). Monetary Assessment of Battery Life on Smartphones. Conference on Human Factors in Computing Systems (CHI), 1869–1880. DOI: 10.1145/2858036.2858285. [URL] [Acceptance Rate: 23%][CORE: A*][Citations: 47].
 200. S. Hosio, J. Goncalves, T. Anagnostopoulos, V. Kostakos (2016). Leveraging Wisdom of the Crowd for Decision Support. British Human Computer Interaction Conference (BCS-HCI), 1–12. DOI: 10.14236/ewic/HCI2016.38. [URL] [CORE: National][Citations: 36].
 201. S. Klakegg, C. Luo, J. Goncalves, S. Hosio, V. Kostakos (2016). Instrumenting Smartphones with Portable NIRS. International Joint Conference on Pervasive and Ubiquitous Computing Adjunct (**UbiComp Adjunct**), 618–623. DOI: 10.1145/2968219.2971590. [URL] [Citations: 20].
 202. V. Kostakos, D. Ferreira, J. Goncalves, S. Hosio (2016). Modelling Smartphone Usage: A Markov State Transition Model. International Joint Conference on Pervasive and Ubiquitous Computing (**UbiComp**), 486–497. DOI: 10.1145/2971648.2971669. [URL] [Acceptance Rate: 24%][CORE: A*][Citations: 42].
 203. C. Luo, A. Fylakis, J. Partala, S. Klakegg, J. Goncalves, K. Liang, T. Seppänen, V. Kostakos (2016). A Data Hiding Approach for Sensitive Smartphone Data. International Joint Conference on Pervasive and Ubiquitous Computing (**UbiComp**), 457–468. DOI: 10.1145/2971648.2971686. [URL] [Acceptance Rate: 24%][CORE: A*][Citations: 21].
 204. C. Luo, M. Kuutila, S. Klakegg, D. Ferreira, H. Flores, J. Goncalves, V. Kostakos, M. Mantyla (2016). How to Validate Mobile Crowdsourcing Design? Leveraging Data Integration in Prototype Testing. International Joint Conference on Pervasive and Ubiquitous Computing Adjunct (**UbiComp Adjunct**), 1448–1453. DOI: 10.1145/2968219.2968586. [URL] [Citations: 9].
 205. Z. Sarsenbayeva, J. Goncalves, J. Garcia, S. Klakegg, S. Rissanen, H. Rintamaki, J. Hannu, V. Kostakos (2016). Situational Impairments to Mobile Interaction in Cold Environments. International Joint Conference on Pervasive and Ubiquitous Computing (**UbiComp**), 85–96. DOI: 10.1145/2971648.2971734. [URL] [Acceptance Rate: 24%][CORE: A*][Citations: 39].
 206. J. Williamson, J. Williamson, V. Kostakos, K. Hamilton, J. Green (2016). Mobile Phone Usage Cycles: A Torus Topology for Spherical Visualisation. Conference on Human Factors in Computing Systems extended abstracts (CHI EA), 2751–2757. DOI: 10.1145/2851581.2892402. [URL] [Acceptance Rate: 43%][Citations: 2].
 207. N. Berkel, C. Luo, D. Ferreira, J. Goncalves, V. Kostakos (2015). The Curse of Quantified-Self: An Endless Quest for Answers. International Joint Conference on Pervasive and Ubiquitous Computing Adjunct (**UbiComp Adjunct**), 973–978. DOI: 10.1145/2800835.2800946. [URL] [Citations: 46].
 208. D. Ferreira, V. Kostakos, A. R. Beresford, J. Lindqvist, A. K. Dey (2015). Securacy: An Empirical Investigation of Android Applications' Network Usage, Privacy and Security. Conference on Security and Privacy in Wireless and Mobile Networks (**WiSec**), article 11, 11 pages. DOI: 10.1145/2766498.2766506. [URL] [Acceptance Rate: 19%][Citations: 73].
 209. J. Goncalves, S. Hosio, D. Ferreira, T. Anagnostopoulos, V. Kostakos (2015). Bazaar: A situated crowdsourcing market. International Joint Conference on Pervasive and Ubiquitous Computing Adjunct (**UbiComp Adjunct**), 1385–1390. DOI: 10.1145/2800835.2800974. [URL] [Citations: 5].
 210. J. Goncalves, S. Hosio, V. Kostakos, M. Vukovic, S. Konomi (2015). Workshop on Mobile and Situated Crowdsourcing. International Joint Conference on Pervasive and Ubiquitous Computing Adjunct (**UbiComp Adjunct**), 1339–1342. DOI: 10.1145/2800835.2800966. [URL] [Citations: 4].

211. S. Hosio, R. Harper, K. O'Hara, J. Goncalves, V. Kostakos (2015). Life through the Lens: A Qualitative Investigation of Human Behaviour with an Urban Photography Service. *British Human Computer Interaction Conference (BCS-HCI)*, 157–164. DOI: 10 . 1145 / 2783446 . 2783577. [URL] [Acceptance Rate: 45%][CORE: National. Best Full Paper Award][Citations: 16].
212. S. Jones, D. Ferreira, S. Hosio, J. Goncalves, V. Kostakos (2015). Revisitation Analysis of Smartphone App Use. *International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp)*, 1197–1208. DOI: 10 . 1145/2750858 . 2807542. [URL] [Acceptance Rate: 24%][CORE: A*][Citations: 120].
213. S. Konomi, V. Kostakos, K. Sezaki, R. Shibasaki (2015). Crowd Sensing for Disaster Response and Preparedness. *National Convention of the Information Processing Society of Japan* 4:449–4:450. DOI: 10 . 13140/RG . 2 . 1 . 2684 . 0403. [URL] [Citations: 11].
214. V. Kostakos, D. Ferreira, P. Pandab (2015). Not what, but HOW to study in HCI: tools, data, theory. *CHI workshop on What to Study in HCI (CHI EA)*, 1–4. DOI: 10 . 13140 / RG . 2 . 1 . 2568 . 9764. [URL].
215. D. Ferreira, J. Goncalves, V. Kostakos, L. Barkhuus, A. K. Dey (2014). Contextual Experience Sampling of Mobile Application Micro-Usage. *International Conference on Human-Computer Interaction with Mobile Devices and Services (MobileHCI)*, 91–100. DOI: 10 . 1145 / 2628363 . 2628367. [URL] [Acceptance Rate: 21%][CORE: B][Citations: 218].
216. J. Goncalves, S. Hosio, D. Ferreira, V. Kostakos (2014). Game of Words: Tagging Places through Crowdsourcing on Public Displays. *Designing Interactive Systems (DIS)*, 705–714. DOI: 10 . 1145/2598510 . 2598514. [URL] [Acceptance Rate: 26%][CORE: A][Citations: 74].
217. J. Goncalves, P. Pandab, D. Ferreira, M. Ghahramani, G. Zhao, V. Kostakos (2014). Projective Testing of Diurnal Collective Emotion. *International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp)*, 487–497. DOI: 10 . 1145 / 2632048 . 2636067. [URL] [Acceptance Rate: 21%][CORE: A*][Citations: 38].
218. T. Heikkinen, J. Goncalves, V. Kostakos, I. Elhart, T. Ojala (2014). Tandem Browsing Toolkit: Distributed Multi-Display Interfaces with Web Technologies. *International Symposium on Pervasive Displays (PerDis)*, 142–147. DOI: 10 . 1145 / 2611009 . 2611026. [URL] [Citations: 21].
219. S. Hosio, J. Goncalves, V. Lehdonvirta, D. Ferreira, V. Kostakos (2014). Situated Crowdsourcing Using a Market Model. *User Interface Software and Technology (UIST)*, 55–64. DOI: 10 . 1145 / 2642918 . 2647362. [URL] [Acceptance Rate: 22%][CORE: A*][Citations: 74].
220. W. Jiang, D. Ferreira, J. Ylioja, J. Goncalves, V. Kostakos (2014). Pulse: Low bitrate wireless magnetic communication for smartphones. *International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp)*, 261–265. DOI: 10 . 1145 / 2632048 . 2632094. [URL] [Acceptance Rate: 21%][CORE: A*][Citations: 22].
221. Y. Liu, J. Goncalves, D. Ferreira, S. Hosio, V. Kostakos (2014). Identity Crisis of UbiComp? Mapping 15 Years of the Field's Development and Paradigm Change. *International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp)*, 75–86. DOI: 10 . 1145 / 2632048 . 2632086. [URL] [Acceptance Rate: 21%][CORE: A*][Citations: 42].
222. Y. Liu, J. Goncalves, D. Ferreira, B. Xiao, S. Hosio, V. Kostakos (2014). CHI 1994-2013: Mapping two decades of intellectual progress through co-word analysis. *Conference on Human Factors in Computing Systems (CHI)*, 3553–3562. DOI: 10 . 1145 / 2556288 . 2556969. [URL] [Acceptance Rate: 23%][CORE: A* . , SIGCHI Best of CHI Honorable Mention Award & Best Talk Award][Citations: 215].
223. K. Van den Broucke, D. Ferreira, J. Goncalves, V. Kostakos, K. De Moor (2014). Mobile Cloud Storage: A Contextual Experience. *International Conference on Human-Computer Interaction with Mobile Devices and Services (MobileHCI)*, 101–110. DOI: 10 . 1145 / 2628363 . 2628386. [URL] [Acceptance Rate: 21%][CORE: B][Citations: 29].

224. D. Ferreira, E. Ferreira, J. Goncalves, V. Kostakos, A. K. Dey (2013). Revisiting Human-Battery Interaction with an Interactive Battery Interface. International Joint Conference on Pervasive and Ubiquitous Computing (**UbiComp**), 563–572. DOI: 10.1145/2493432.2493465. [URL] [Acceptance Rate: 23%][CORE: A*][Citations: 76].
225. D. Ferreira, C. Koehler, E. Karapanos, V. Kostakos (2013). Ubiquitous mobile instrumentation. International Joint Conference on Pervasive and Ubiquitous Computing Adjunct (**UbiComp Adjunct**), 1409–1412. DOI: 10.1145/2494091.2496043. [URL] [Citations: 4].
226. J. Goncalves, D. Ferreira, S. Hosio, Y. Liu, J. Rogstadius, H. Kukka, V. Kostakos (2013). Crowdsourcing on the spot: altruistic use of public displays, feasibility, performance, and behaviours. International Joint Conference on Pervasive and Ubiquitous Computing (**UbiComp**), 753–762. DOI: 10.1145/2493432.2493481. [URL] [Acceptance Rate: 23%][CORE: A*][Citations: 117].
227. J. Goncalves, V. Kostakos, S. Hosio, E. Karapanos, O. Lyra (2013). IncluCity: Using Contextual Cues to Raise Awareness on Environmental Accessibility. International ACM SIGACCESS Conference on Computers and Accessibility (**ASSETS**), article 17, 8 pages. DOI: 10.1145/2513383.2517030. [URL] [Acceptance Rate: 29%][Citations: 35].
228. J. Goncalves, V. Kostakos, J. Venkatanathan (2013). Narrowcasting in Social Media: Effects and Perceptions. International Conference on Advances in Social Network Analysis and Mining (**ASONAM**), 502–509. DOI: 10.1145/2492517.2492570. [URL] [Acceptance Rate: 13%][CORE: C][Citations: 36].
229. S. Hosio, J. Goncalves, V. Kostakos (2013). Application discoverability on multipurpose public displays: popularity comes at a price. International Symposium on Pervasive Displays (**PerDis**), 31–36. DOI: 10.1145/2491568.2491576. [URL] [Acceptance Rate: 59%][Citations: 30].
230. S. Hosio, J. Goncalves, V. Kostakos, K. Cheverst, Y. Rogers (2013). Human interfaces for civic and urban engagement: HiCUE '13. International Joint Conference on Pervasive and Ubiquitous Computing Adjunct (**UbiComp Adjunct**), 713–720. DOI: 10.1145/2494091.2495993. [URL] [Citations: 12].
231. H. Kukka, H. Oja, V. Kostakos, J. Goncalves, T. Ojala (2013). What makes you click: exploring visual signals to entice interaction on public displays. Conference on Human Factors in Computing Systems (**CHI**), 1699–1708. DOI: 10.1145/2470654.2466225. [URL] [Acceptance Rate: 20%][CORE: A*][Citations: 126].
232. Y. Liu, V. Kostakos, S. Deng (2013). Risks of Using NFC Mobile Payment: Investigating the Moderating Effect of Demographic Attributes. International Conference on Electronic Commerce (**ICEC**), 125–134. DOI: 10.5281/zenodo.1109696. [URL] [CORE: C][Citations: 27].
233. N. Memarovic, V. Kostakos, G. Fitzpatrick, A. Schmidt (2013). SOFTec 2013: second workshop on computer mediated social offline interactions. International Joint Conference on Pervasive and Ubiquitous Computing Adjunct (**UbiComp Adjunct**), 1373–1380. DOI: 10.1145/2494091.2497358. [URL] [Citations: 4].
234. M. Rautiainen, A. Heikkinen, J. Sarvanko, K. Chorianopoulos, V. Kostakos, M. Ylianttila (2013). Time shifting patterns in browsing and search behavior for catch-up TV on the web. European conference on Interactive TV and video (**EuroITV**), 117–120. DOI: 10.1145/2465958.2465965. [URL] [Acceptance Rate: 36%][Citations: 2].
235. M. Rautiainen, A. Heikkinen, J. Sarvanko, V. Kostakos, M. Ylianttila (2013). Kuukkeli-TV: Online content-based services and applications for broadcast TV with long-term user experiments. ICMEW workshop on Broadcast and User-generated Content Recognition and Analysis (**BRUREC**) (**ICMEW EA**), 1–8. DOI: 10.1109/ICMEW.2013.6618358. [URL] [Citations: 3].
236. M. Rautiainen, J. Sarvanko, A. Heikkinen, M. Ylianttila, V. Kostakos (2013). An online system with end-user services: mining novelty concepts from tv broadcast subtitles.

- Conference on Knowledge Discovery and Data Mining (KDD), 1486–1489. DOI: 10.1145/2487575.2487715. [URL] [CORE: A].
237. J. Rogstadius, C. Teixeira, E. Karapanos, V. Kostakos (2013). An Introduction for System Developers to Volunteer Roles in Crisis Response and Recovery. International Conference on Information Systems for Crisis Response and Management (ISCRAM), 874–883. DOI: 10.13140/RG.2.1.4141.8405. [URL] [CORE: C][Citations: 24].
 238. J. Venkatanathan, E. Karapanos, V. Kostakos, J. Goncalves (2013). A Network Science Approach to Modelling and Predicting Empathy. International Conference on Advances in Social Network Analysis and Mining (ASONAM), 1395–1400. DOI: 10.1145/2492517.2500295. [URL] [Citations: 11].
 239. D. Ferreira, E. Miluzzo, J. Hakkila, T. Lovett, V. Kostakos (2012). UbiMI: ubiquitous mobile instrumentation. International Conference on Ubiquitous Computing Adjunct (UbiComp Adjunct), 715–716. DOI: 10.1145/2370216.2370372. [URL] [Citations: 1].
 240. S. Hosio, V. Kostakos, H. Kukka, M. Jurmu, J. Rieki, T. Ojala (2012). From school food to skate parks in a few clicks: using public displays to bootstrap civic engagement of the young. International Conference on Pervasive Computing (Pervasive), 425–442. DOI: 10.1007/978-3-642-31205-2_26. [URL] [Acceptance Rate: 20%][CORE: A*][Citations: 107].
 241. T. Juntunen, V. Kostakos, M. Perttunen, D. Ferreira (2012). Web tool for traffic engineers: direct manipulation and visualization of vehicular traffic using Google maps. International Conference on Making Sense of Converging Media (AcademicMindTrek), 209–210. DOI: 10.1145/2393132.2393173. [URL] [Citations: 15].
 242. J. Kaasila, D. Ferreira, V. Kostakos, T. Ojala (2012). Testdroid: automated remote UI testing on Android. International Conference on Mobile and Ubiquitous Multimedia (MUM), article 28, 4 pages. DOI: 10.1145/2406367.2406402. [URL] [Acceptance Rate: 35%][CORE: B][Citations: 93].
 243. V. Kostakos (2012). Keynote: From labs to cities: Mapping the social impact of ubiquitous technologies. International Conference on Pervasive Computing and Communications Workshops (PerCom WS), 901–901. DOI: 10.1109/PerComW.2012.6197641. [URL].
 244. T. Linden, T. Heikkinen, V. Kostakos, D. Ferreira, T. Ojala (2012). Towards multi-application public interactive displays. International Symposium on Pervasive Displays (PerDis), 9. DOI: 10.1145/2307798.2307807. [URL] [Citations: 26].
 245. N. Memarovic, M. Langheinrich, V. Kostakos, G. Fitzpatrick, E. M. Huang (2012). Workshop on Computer Mediated Social Offline Interactions (SOFTec 2012). International Conference on Ubiquitous Computing Adjunct (UbiComp Adjunct), 790–791. DOI: 10.1145/2370216.2370394. [URL] [Citations: 3].
 246. T. Ojala, F. Kruger, V. Kostakos, V. Valkama (2012). Two field trials on the efficiency of unsolicited Bluetooth proximity marketing. International Conference on Mobile and Ubiquitous Multimedia (MUM), article 38, 4 pages. DOI: 10.1145/2406367.2406414. [URL] [Acceptance Rate: 35%][CORE: B][Citations: 11].
 247. J. Venkatanathan, E. Karapanos, V. Kostakos, J. Goncalves (2012). Network, personality and social capital. ACM Web Science (WebSci), 326–329. DOI: 10.1145/2380718.2380760. [URL] [Citations: 29].
 248. M. Vukovic, S. Kumara, V. Kostakos (2012). Message from the SDWM Workshop Chairs. International World Wide Web Conference (IW3C2), 651–652. [URL].
 249. A. Bianchi, I. Oakley, V. Kostakos, D. S. Kwon (2011). The phone lock: audio and haptic shoulder-surfing resistant PIN entry methods for mobile devices. International conference on Tangible, Embedded and Embodied Interaction (TEI), 197–200. DOI: 10.1145/1935701.1935740. [URL] [Acceptance Rate: 32%][CORE: A][Citations: 189].
 250. A. Bianchi, I. Oakley, J. K. Lee, D. S. Kwon, V. Kostakos (2011). Haptics for tangible interaction: a vibro-tactile prototype. International conference on Tangible, Embedded and Embodied Interaction (TEI), 283–284. DOI: 10.1145/1935701.1935764. [URL] [CORE: A][Citations: 19].

251. T. Camacho, F. Quintal, M. Scott, V. Kostakos, I. Oakley (2011). Towards Egocentric Fuel Efficiency Feedback. CHI workshop on Persuasion, Influence, Nudge & Coercion through mobile devices (CHI EA), 1–4. DOI: 10.5281/zenodo.1117401. [URL] [Citations: 1].
252. D. Ferreira, A. K. Dey, V. Kostakos (2011). Understanding human-smartphone concerns: a study of battery life. International Conference on Pervasive Computing (Pervasive), 19–33. DOI: 10.1007/978-3-642-21726-5_2. [URL] [Acceptance Rate: 24%][CORE: A*][Citations: 332].
253. V. Kostakos (2011). Network science as a foundation for metrics, models and theories of large-scale pervasive systems. NSF workshop on Pervasive Computing at Scale (PeCS) 27–28. DOI: 10.5281/zenodo.1117409. [URL] [Citations: 1].
254. V. Kostakos, J. Venkatanathan, B. Reynolds, N. Sadeh, E. Toch, S. A. Shaikh, S. Jones (2011). Who's your best friend?: targeted privacy attacks in location-sharing social networks. International Conference on Ubiquitous Computing (UbiComp), 177–186. DOI: 10.1145/2030112.2030138. [URL] [Acceptance Rate: 17%][CORE: A*][Citations: 42].
255. H. Kukka, F. Kruger, V. Kostakos, T. Ojala, M. Jurmu (2011). Information to go: exploring in-situ information pick-up In the Wild. IFIP TC.13 International Conference on Human-Computer Interaction (INTERACT), 487–504. DOI: 10.1007/978-3-642-23771-3_37. [URL] [Acceptance Rate: 28%][CORE: A][Citations: 15].
256. O. Lyra, E. Karapanos, V. Kostakos (2011). Intelligent playgrounds: measuring and affecting social inclusion in schools. IFIP TC.13 International Conference on Human-Computer Interaction (INTERACT), 560–563. DOI: 10.1007/978-3-642-23768-3_82. [URL] [Acceptance Rate: 22%][CORE: A][Citations: 7].
257. T. Ojala, V. Kostakos (2011). Driving Innovation in Urban Computing With a Community Testbed. Pervasive Workshop on Pervasive Urban Applications (Pervasive EA), 1–8. DOI: 10.5281/zenodo.1117411. [URL].
258. T. Ojala, V. Kostakos (2011). UBI challenge: research coepetition on real-world urban computing. International Conference on Mobile and Ubiquitous Multimedia (MUM), 205–208. DOI: 10.1145/2107596.2107622. [URL] [Acceptance Rate: 44%][CORE: B][Citations: 21].
259. T. Ojala, V. Kostakos, H. Kukka (2011). It's a Jungle Out There: Fantasy and Reality of Evaluating Public Displays. CHI workshop on Large Displays in Urban Life: from Exhibition Halls to Media Facades (CHI EA), 1–4. DOI: 10.5281/zenodo.1117397. [URL] [Citations: 16].
260. B. Reynolds, J. Venkatanathan, J. Goncalves, V. Kostakos (2011). Sharing ephemeral information in online social networks: privacy perceptions and behaviours. IFIP TC.13 International Conference on Human-Computer Interaction (INTERACT), 204–215. DOI: 10.1007/978-3-642-23765-2_14. [URL] [Acceptance Rate: 28%][CORE: A][Citations: 106].
261. J. Rogstadius, V. Kostakos, A. Kittur, B. Smus, J. Laredo, M. Vukovic (2011). An Assessment of Intrinsic and Extrinsic Motivation on Task Performance in Crowdsourcing Markets. International AAAI Conference on Web and Social Media (ICWSM), 321–328. DOI: 10.13140/RG.2.2.19170.94401. [URL] [Acceptance Rate: 20%][Citations: 452].
262. J. Rogstadius, V. Kostakos, J. Laredo, M. Vukovic (2011). A real-time social media aggregation tool: Reflections from five large-scale events. ECSCW Workshop CSCWSmart (ECSCW EA), 1–9. DOI: 10.5281/zenodo.1117403. [URL] [Citations: 16].
263. J. Rogstadius, V. Kostakos, J. Laredo, M. Vukovic (2011). Improving Situational Awareness in Emergencies through Crowd Supported Analysis of Social Media. European Conference on Computer-Supported Cooperative Work adjunct proceedings (ECSCW), 1–2. DOI: 10.5281/zenodo.1117407. [URL] [Citations: 2].
264. J. Rogstadius, V. Kostakos, J. Laredo, M. Vukovic (2011). Towards Real-time Emergency Response using Crowd Supported Analysis of Social Media. CHI workshop on

- Crowdsourcing and Human Computation: Systems, Studies and Platforms (**CHI EA**), 1–3. DOI: 10.13140/RG.2.2.25881.83047. [URL] [Citations: 35].
265. J. Venkatanathan, D. Ferreira, M. Benisch, J. Lin, E. Karapanos, V. Kostakos, N. Sadeh, E. Toch (2011). Improving users' consistency when recalling location sharing preferences. *IFIP TC.13 International Conference on Human-Computer Interaction (INTERACT)*, 380–387. DOI: 10.1007/978-3-642-23774-4_31. [URL] [Acceptance Rate: 28%][CORE: A][Citations: 12].
 266. J. Venkatanathan, V. Kostakos (2011). Privacy in a networked world: effects of reciprocity and imitation on location sharing. *CHI workshop on Networked Privacy (CHI EA)*, 1–4. DOI: 10.5281/zenodo.1117399. [URL].
 267. T. Camacho, V. Kostakos, C. Mantero (2010). A wireless infrastructure for delivering contextual services and studying transport behavior. *Conference on Intelligent Transportation Systems (ITS)*, 943–948. DOI: 10.1109/ITSC.2010.5625134. [URL] [Citations: 4].
 268. D. Ferreira, V. Kostakos, J. Rogstadius, J. Venkatanathan (2010). Design, Prototyping and Evaluation of Ambient Media: Lessons Learned from the Ambient Notifier. *MobileHCI Workshop on Tool-Support for Mobile and Pervasive Application Development 1–5*. DOI: 10.5281/zenodo.1304371. [URL].
 269. V. Kostakos, L. Barkhuus (2010). Workshop Chairs' Welcome. *International Conference on Ubiquitous Computing Adjunct (UbiComp Adjunct)*, 493. [URL].
 270. V. Kostakos, T. Camacho, C. Mantero (2010). Wireless detection of end-to-end passenger trips on public transport buses. *Conference on Intelligent Transportation Systems (ITS)*, 1795–1800. DOI: 10.1109/ITSC.2010.5625062. [URL] [Citations: 88].
 271. V. Kostakos, J. Venkatanathan (2010). Making Friends in Life and Online: Equivalence, Micro-Correlation and Value in Spatial and Transpatial Social Networks. *International Conference on Social Computing (SocialCom)*, 587–594. DOI: 10.1109/SocialCom.2010.181. [URL] [Acceptance Rate: 13%][Citations: 39].
 272. B. Smus, V. Kostakos (2010). Running gestures: hands-free interaction during physical activity. *International Conference on Ubiquitous Computing Adjunct (UbiComp Adjunct)*, 433–434. DOI: 10.1145/1864431.1864473. [URL] [Citations: 15].
 273. D. Wagner, M. Lopez, A. Doria, I. Pavlyshak, V. Kostakos, I. Oakley, T. Spiliotopoulos (2010). Hide and seek: location sharing practices with social media. *International Conference on Human-Computer Interaction with Mobile Devices and Services (MobileHCI)*, 55–58. DOI: 10.1145/1851600.1851612. [URL] [Acceptance Rate: 20%][CORE: B][Citations: 51].
 274. N. Catano, V. Kostakos, I. Oakley (2009). Poporo: A formal framework for social networking. *Workshop on Formal Methods for Interactive Systems (FMIS)*, 79. DOI: 10.5281/zenodo.1304378. [URL] [Citations: 5].
 275. V. Kostakos (2009). Is the Crowd's Wisdom Biased? A Quantitative Analysis of Three Online Communities. *Computational Science and Engineering (CSE)*, 251–255. DOI: 10.1109/CSE.2009.491. [URL] [Acceptance Rate: 20%][Citations: 69].
 276. V. Kostakos, I. Oakley (2009). Designing trustworthy situated services: an implicit and explicit assessment of locative images' effect on trust. *Conference on Human Factors in Computing Systems (CHI)*, 329–332. DOI: 10.1145/1518701.1518753. [URL] [Acceptance Rate: 25%][CORE: A*][Citations: 12].
 277. J. P. Leeuwen, I. Oakley, N. J. Nunes, V. Nisi, V. Kostakos (2009). Sensory Social Networks to Motivate Sustainable Behaviour. *EuropIA (EuropIA)*, 45–55. DOI: 10.5281/zenodo.1304373. [URL] [Citations: 4].
 278. T. Kindberg, E. O'Neill, C. Bevan, V. Kostakos, D. Stanton Fraser, T. Jay (2008). Measuring trust in wi-fi hotspots. *Conference on Human Factors in Computing Systems (CHI)*, 173–182. DOI: 10.1145/1357054.1357084. [URL] [Acceptance Rate: 22%][CORE: A*][Citations: 45].

279. V. Kostakos (2008). Social networking 2.0. Conference on Human Factors in Computing Systems extended abstracts (CHI EA), 3381–3386. DOI: 10.1145/1358628.1358861. [URL] [Citations: 28].
280. V. Kostakos, E. O’Neill (2008). Capturing and visualising Bluetooth encounters. CHI workshop on Social Data Analysis (CHI EA), 1–4. DOI: 10.5281/zenodo.1304384. [URL] [Citations: 13].
281. V. Kostakos, E. O’Neill (2008). Human-in-the-loop: rethinking security in mobile and pervasive systems. Conference on Human Factors in Computing Systems extended abstracts (CHI EA), 3075–3080. DOI: 10.1145/1358628.1358810. [URL] [Citations: 6].
282. V. Kostakos, E. O’Neill (2008). Urban encounters: the game of real life. Conference on Human Factors in Computing Systems extended abstracts (CHI EA), 3555–3560. DOI: 10.1145/1358628.1358890. [URL] [Citations: 3].
283. E. O’Neill, V. Kostakos (2008). Measuring urban mobility and encounter. Measuring Behaviour 66–67. [URL].
284. M. L. d. Silva, V. Kostakos, M. Matsumoto (2008). Improving Emergency Response to Mass Casualty Incidents. International Conference on Pervasive Computing and Communications (PerCom), 256–259. DOI: 10.1109/PERCOM.2008.71. [URL] [Acceptance Rate: 22%][CORE: A*][Citations: 3].
285. V. Kostakos, E. O’Neill (2007). NFC on mobile phones: issues, lessons and future research. International Conference on Pervasive Computing and Communications Workshops (PerCom WS), 367–370. DOI: 10.1109/PERCOMW.2007.84. [URL] [Citations: 37].
286. V. Kostakos, E. O’Neill (2007). Quantifying the effects of space on encounter. Space syntax symposium article 97, 9 pages. DOI: 10.5281/zenodo.1304389. [URL] [Citations: 10].
287. V. Kostakos, A. F. Schieck (2007). Exploring digital encounters in the city. CHI workshop on Shared Encounters (CHI EA), 1–7. DOI: 10.5281/zenodo.1304387. [URL] [Citations: 2].
288. M. L. d. Silva, V. Kostakos, M. Matsumoto (2007). Study on the Use of Pervasive Technology to Improve the Emergency Response to Mass Casualty Incidents. GITS GITI Forum 1. [URL].
289. V. Kostakos, E. O’Neill, A. Shahi (2006). Building common ground for face to face interactions by sharing mobile device context. Location and Context-Awareness (LoCA), 222–238. DOI: 10.1007/11752967_15. [URL] [Acceptance Rate: 24%][Citations: 45].
290. E. O’Neill, V. Kostakos, T. Kindberg, A. F. Schieck, A. Penn, D. S. Fraser, T. Jones (2006). Instrumenting the city: Developing methods for observing and understanding the digital cityscape. International Conference on Ubiquitous Computing (UbiComp), 315–332. DOI: 10.1007/11853565_19. [URL] [Acceptance Rate: 13%][CORE: A*][Citations: 262].
291. A. F. Schieck, A. Penn, V. Kostakos, E. O’Neill, T. Kindberg, D. S. Fraser, T. Jones (2006). Design Tools for Pervasive Computing in Urban Environments. Innovations in Design & Decision Support Systems in Architecture and Urban Planning (DDSS), 467–486. DOI: 10.1007/978-1-4020-5060-2_30. [URL] [Citations: 7].
292. V. Coroama, V. Kostakos, C. Magerkurth, I. L. Vallejo (2005). UbiSoc 2005: first international workshop on social implications of ubiquitous computing. Conference on Human Factors in Computing Systems extended abstracts (CHI EA), 2111–2112. DOI: 10.1145/1056808.1057111. [URL] [Citations: 2].
293. V. Kostakos, E. O’Neill (2005). A space oriented approach to designing pervasive systems. UK-UbiNet Workshop 1–2. DOI: 10.5281/zenodo.1304391. [URL] [Citations: 1].
294. S. Garzonis, E. O’Neill, V. Kostakos, M. Kaenampornpan, A. Warr (2004). A novel approach for identification and authentication of users in a pervasive environment. UK-UbiNet Workshop 1–2. DOI: 10.5281/zenodo.1304402. [URL] [Citations: 3].

295. M. Kaenampornpan, E. O'Neill, V. Kostakos, A. Warr (2004). Classifying context classifications: an activity theory perspective. UK-UbiNet Workshop 1–2. DOI: 10.5281/zenodo.1304406. [URL] [Citations: 9].
296. V. Kostakos, E. O'Neill (2004). Designing pervasive systems for society. Pervasive Workshop on Sustainable Pervasive Computing (**Pervasive EA**), 1–8. DOI: 10.5281/zenodo.1304399. [URL] [Citations: 7].
297. V. Kostakos, E. O'Neill (2004). Extending Traditional Design Approaches for Pervasive Computing. Prep2004 1–2. DOI: 10.5281/zenodo.1304415. [URL] [Citations: 2].
298. V. Kostakos, E. O'Neill (2004). Pervasive computing in emergency situations. Hawaii International Conference on System Sciences (**HICSS**), 1–10. DOI: 10.1109/HICSS.2004.1265232. [URL] [CORE: A][Citations: 24].
299. E. O'Neill, D. Woodgate, V. Kostakos (2004). Easing the wait in the emergency room: building a theory of public information systems. Designing Interactive Systems (**DIS**), 17–25. DOI: 10.1145/1013115.1013120. [URL] [Acceptance Rate: 19%][CORE: A][Citations: 37].
300. V. Kostakos, E. O'Neill (2003). A directional stroke recognition technique for mobile interaction in a pervasive computing world. People and Computers (**BCS-HCI**), 197–206. DOI: 10.1007/978-1-4471-3754-2_12. [URL] [CORE: National][Citations: 19].
301. V. Kostakos, E. O'Neill (2003). Introducing Pervasive Computing to Society. UK-UbiNet Workshop 1–2. DOI: 10.5281/zenodo.1304410. [URL] [CORE: C][Citations: 3].

PhD thesis

302. V. Kostakos (2005). "A design framework for pervasive computing systems". PhD Thesis, 1–260. DOI: 10.5281/zenodo.1304395. [URL] [Citations: 13].

Other

303. V. Kostakos (2019). *Honey, I Shrunk the Spectrometer!* AWE International. [URL].
304. V. Kostakos (2019). *What pill is that? Cheap and easy pill testing could soon be in your own hands.* The Conversation. [URL].
305. C. Luo, J. Goncalves, E. Velloso, V. Kostakos (2019). *Using AI to make your smartphone smarter.* Pursuit. [URL].
306. V. Kostakos (2018). *The internet is terrible at answering most tough questions. Our 'wisdom of the crowd' tool can help.* The Conversation. [URL].
307. V. Kostakos (2009). *An empirical study of spatial and transpatial social networks using Bluetooth and Facebook.* ArXiv e-prints. [URL].
308. V. Kostakos (2009). *Is the crowd's wisdom biased? A quantitative assessment of three online communities.* ArXiv e-prints. [URL].
309. V. Kostakos (2008). *Bluetooth monitoring can bring many benefits.* The Guardian. [URL].
310. V. Kostakos (2008). *The privacy implications of Bluetooth.* ArXiv e-prints. [URL] [Citations: 9].
311. V. Kostakos, P. Kostakos (2008). *Intelligence gathering by capturing the social processes within prisons.* ArXiv e-prints. [URL] [Citations: 1].
312. V. Kostakos, E. O'Neill (2008). *Size matters: performance declines if your pixels are too big or too small.* ArXiv e-prints. [URL].
313. V. Kostakos, E. O'Neill, A. Penn (2007). *Brief encounter networks.* ArXiv e-prints. [URL].

Publication metrics

Published 2 books, 127 journal articles, 12 book chapters, 160 conference papers, 1 thesis, and 11 miscelanea. Number of citations: 11219. H-index: 54. (Source: Google Scholar)