

Jorge Goncalves

Curriculum Vitae

Contact

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Google Scholar: <https://scholar.google.com/citations?user=SkQ6OisAAAAJ>

Education

PhD in Computer Science and Engineering (with distinction)

Thesis: Situated Crowdsourcing: Feasibility, Performance and Behaviours

September 2015, University of Oulu, Finland

MSc in Computer Science and Engineering

Thesis: Groupster: Narrowcasting on Social Networking Sites (19 out of 20)

September 2011, University of Madeira, Madeira Interactive Technologies Institute

BSc in Software Engineering

September 2009, University of Madeira

Work Experience

Associate Professor	University of Melbourne (Australia)	Jan 2023 - Now
Senior Lecturer	University of Melbourne (Australia)	Sep 2019 – Dec 2022
Lecturer	University of Melbourne (Australia)	Apr 2017 – Aug 2019
Postdoctoral Researcher	University of Oulu (Finland)	Sep 2015 – Mar 2017
Research Scientist	University of Oulu (Finland)	Feb 2012 – Aug 2015
Visiting Researcher	ifuplan (Germany)	Jun – Aug 2015
Visiting Researcher	University of Tokyo (Japan)	May – Jul 2014
Visiting Researcher	Pukyong National University (South Korea)	Apr – Jun 2013
Research Assistant	University of Madeira (Portugal)	Sep 2011 – Jan 2012

Awards and Recognition

- 2022: Excellence Award in Mid-Career Research, Faculty of Engineering and IT
- 2021: Research Excellence Award, School of Computing and Information Systems
- 2021: Best Paper Award, CHI '21
- 2021: Honorable Mention Award, CHI '21
- 2021: Best Paper Award, INTERACT '21
- 2021: Special Recognition for Outstanding Review, PACM IMWUT
- 2019: Early Career Researcher Excellence Award Finalist, Faculty of Engineering and IT
- 2019: Distinguished Paper Award, PACM IMWUT / UbiComp'19
- 2019: Special Recognition for Outstanding Review, PACM IMWUT
- 2019: Special Recognition for Outstanding Review (2x), INTERACT
- 2018: Special Recognition for Outstanding Review, PACM IMWUT
- 2017: Special Recognition for Outstanding Review (2x), CHI '17
- 2017: Honorable Mention Award, OzCHI '17
- 2016: Special Recognition for Outstanding Review, UbiComp'16
- 2015: Distinguished Doctoral Dissertation, University of Oulu

- 2015: Best Paper Award, BritishHCI'15
- 2015: Special Recognition for Outstanding Review, CHI '15
- 2014: Honorable Mention Award, CHI '14
- 2012: Best Presentation Award, UBI Summer School

Grants

- 2022: Mitigating Cyberbullying Experiences of Younger Users on Instagram, **Facebook Research Awards** (\$70,000)
- 2021: *Integrated Qualification Test Framework to Measure Crowd Worker Quality and Assign or Recommend Heterogeneous Tasks*, **Amazon Research Awards** (\$105,000)
- 2019-2022: *Conceptualising and Measuring Digital Emotion Regulation*, **Australian Research Council Discovery Project** (\$410,000)
- 2019: *Augmenting Human Perception with Near Infrared Spectroscopy*, **University of Melbourne Early Career Researcher Grant** (\$38,432)
- 2018-2022: *Indoor Mobility Tracking Using Proximity Sensing*, **CSIRO - Data 61 Collaborative Research Project** (\$129,787)
- 2018: *Augmenting Human Perception with Near Infrared Spectroscopy*, **Innovation Grant** (\$55,100)
- 2018: *Understanding How Personal Technologies are Used to Regulate Emotion*, **University of Melbourne-University of Manchester Research Fund** (\$18,500)
- 2018: *Bringing Near-Infrared Spectroscopy to Non-Expert End-users*, **University of Melbourne Early Career Researcher Grant** (\$10,000)
- 2015: *Situated Crowdsourcing*, **Walter Ahlström Foundation Research Grant** (€4,000)
- 2014: **University of Oulu Travel Grant** (€2,500)
- 2014: *Situated Crowdsourcing*, **Walter Ahlström Foundation Research Grant** (€4,000)
- 2013-2015: *Situated Crowdsourcing – Feasibility, Performance and Behaviours*, **Infotech Graduate School Personal Scholarship** (€90,000)
- 2013: *The Future of Crowdsourcing*, **Nokia Foundation Personal Scholarship** (€5,000)
- 2013: **University of Oulu Travel Grant** (€2,500)
- 2013: *Designing Technology to Foster Participation In-the-Wild*, **Tauno Tønning Foundation Grant** (€4,000)
- 2013: *Designing Technology to Foster Participation In-the-Wild*, **Walter Ahlström Foundation Research Grant** (€4,000)
- 2012: *Designing Technology to Foster Participation In-the-Wild*, **Nokia Foundation Personal Scholarship** (€5,000)

Teaching

University of Melbourne

- **Social Computing** (2018-2023: Coordinator/Lecturer)
- **Graphics and Interaction** (2017-2023: Coordinator/Lecturer)

University of Oulu

- **Human-Computer Interaction** (2012-2015: TA, 2016: Coordinator/Lecturer)
- **Mobile and Social Computing** (2013-2015: TA)
- **Research Methods in Computer Science** (2012-2014: TA)
- **Applied Computing Project** (2013-2015: TA)
- **Advanced Applied Computing Project** (2013-2015 - TA)
- **Information Networks Service Techniques** (2012 - TA)

Supervision

Completed PhD Students

- Qiushi Zhou (PhD, co-supervisor): 2019-2024
- Gabriele Marini (PhD, co-supervisor): 2018-2024
- Difeng Yu (PhD, primary supervisor): 2019-2023
- Weiwei Jiang (PhD, co-supervisor): 2019-2023
- Brandon Syiem (PhD, co-supervisor): 2019-2023
- Kangning Yang (PhD, primary supervisor): 2019-2022
- Chaofan Wang (PhD, co-supervisor): 2019-2022
- Senuri Wijenayake (PhD, primary supervisor): 2018-2021
- Danula Hettiachchi (PhD, primary supervisor): 2018-2021
- Zhanna Sarsenbayeva (PhD, primary supervisor): 2017-2020
- Chu Luo (PhD, co-supervisor): 2016-2019
- Niels van Berkel (PhD, co-supervisor): 2016-2019

Current PhD Students

- Cherie Sew (PhD, primary supervisor): 2023-ongoing
- Yan Zhang (PhD, co-supervisor): 2023-ongoing
- Shiquan Zhang (PhD, primary supervisor): 2023-ongoing
- Le Fang (PhD, co-supervisor): 2023-ongoing
- Suwani Gunasekara (PhD, primary supervisor): 2023-ongoing
- Jarod Govers (PhD, primary supervisor): 2023-ongoing
- Sarah Schombs (PhD, co-supervisor): 2023-ongoing
- Saumya Pareek (PhD, primary supervisor): 2023-ongoing
- Ying Ma (PhD, primary supervisor): 2022-ongoing
- Nattapat Boonprakong (PhD, primary supervisor): 2021-ongoing

Supervised Researchers

- Cherie Sew (Research Assistant): 2023
- Benjamin Tag (Research Fellow): 2019-2022
- Senuri Wijenayake (Research Assistant): 2021
- Zhanna Sarsenbayeva (Research Assistant): 2019
- Weiwei Jiang (Research Assistant): 2018-2019
- Oludamilare Matthews (Research Assistant): 2018
- Simon Blakegg (Research Assistant): 2016-2018

Supervised MCS/MIT/MIS/BSc Theses

- MCS (75-100pts): Dongju Yang (2024), Hamza Qureshi (2023), Andrew Halim (2022), Tanuj Aggarwal (2022), Sanathkumar Swamy (2021), Yangyang He (2019-2020), Alexander Zable (2019-2020), Furqan Ahmed (2016), Junjie Zhou (2016), Zhanna Sarsenbayeva (2015)
- MIT/MIS (25-50pts): Yiwei Li (2023), Jiazhi Li (2023), Xuanyi Wu (2023), Kaiqing Lu (2023), Mehrnoosh Rizi (2023), Saumya Pareek (2022), Cherie Sew (2022), Qingyuan Zhu (2022), Zhiqing Wu (2022), Hsin Po Lin (2021), Tian Lian Zhang (2021), Shangqian Li (2021), Yifan Cai (2021), Shu Yan (2020), Tanay Arora (2020), Dongdong Yu (2020), Jolan Hu (2020), Yi Ying Hsieh (2020), Yadi Wang (2019), Yue Zhao (2019), Leonardus Putra (2019), Yue Wang (2019), Yujie Lyu (2019), Mustafa Neguib (2019), Kening Wu (2018), Silan Li (2018), Hsuan-Yi Chang (2018), Yu Geng (2018)

- **BSc (25pts):** Subinqian Hu (2016), Nemanja Vukota (2014), Teemu Partanen (2014), Miika Keisu (2014), Jonas Nikula (2014)

Media Mentions

- **The Guardian:** How does it feel to live without a smartphone? (12 August 2023)
- **Pursuit:** Your phone, your emotions and everyday life (20 June 2023)
- **Pursuit:** Do devices help us regulate our emotions? (02 April 2020)
- **BBC Radio:** The Digital Human, Series 16 – Wisdom (20 March 2019)
- **RTP Madeira:** Successful alumni from the University of Madeira (16 March 2019)
- **The Conversation:** What pill is that? Cheap and easy pill testing could soon be in your own hands (7 March 2019)
- **CIO:** AI used to predict phone unlocking, saving battery and bandwidth (27 February 2019)
- **Pursuit:** Using AI to make your smartphone smarter (25 February 2019)
- **Pursuit:** Crowdsourcing the problem of low back pain (13 January 2019)
- **The Conversation:** The internet is terrible at answering most tough questions. Our ‘wisdom of the crowd’ tool can help (26 June 2018)
- **The Economist:** Buddy, can you spare a watt? (30 Apr 2016)
- **Nielsen Norman Group:** Work on micro-usage smartphone behavior (1 Nov 2015)
- **New Scientist:** Magnetic messages let smartphones receive secret data (3 Jul 2014)
- **TechXplore:** Team explores magnetic communication for smartphones (6 Jul 2014)
- **Gizmodo:** Your next phone could communicate using magnetism (4 Jul 2014)
- **New Scientist:** Use a bus stop touchscreen to kill time – and help out (5 Aug 2013)

Academic Service

- **University Administration**
 - **PhD Student Advisory Committee Superchair**, School of Computing and Information Systems (2024-)
 - **Research Ethics Advisor**, Faculty of Engineering and Information Technology, University of Melbourne (2020-2024)
 - **Course Coordinator**, Masters of Information Technology (HCI Stream), University of Melbourne (2020-2022)
 - **Faculty Advisor & Credit Assessor**, School of Computing and Information Systems, University of Melbourne (2017-2019)
 - **Webmaster**, Center for Ubiquitous Computing, University of Oulu (2012-2017)
 - **Webmaster**, Madeira Interactive Technologies Institute, University of Madeira (2011)
- **Organisation**
 - **Program Chair**, 2024 ACM International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp’24)
 - **Organiser**, Workshop on Understanding and Mitigating Cognitive Biases in Human-AI Collaboration (CSCW’23)
 - **Special Interest Groups Chair**, 2022 ACM CHI Conference on Human Factors in Computing Systems (CHI’22)
 - **Organiser**, Workshop on Reimagining Global Crowdsourcing for Better Human-AI Collaboration (CHI’22)
 - **Organiser**, SIG - Metaverse: The Vision for the Future (CHI’22)
 - **Special Interest Groups Chair**, 2021 ACM CHI Conference on Human Factors in Computing Systems (CHI’21)

- **Workshops Chair**, 2020 ACM CHI Conference on Human Factors in Computing Systems (CHI'20)
- **Organiser**, Workshop on Visions, Technologies, and Visions of Technologies for Understanding Human Scale Spaces (CHI'20)
- **Workshops Chair**, 2019 ACM CHI Conference on Human Factors in Computing Systems (CHI'19)
- **Organiser**, Workshop on Designing Crowd-powered Creativity Support Systems (CHI'19)
- **Organiser**, Workshop on Addressing the Challenges of Situationally-Induced Impairments and Disabilities in Mobile Interaction (CHI'19)
- **Organiser**, Workshop on Crowd-powered Interfaces for Creative Design Thinking (C&C'19)
- **Posters Chair**, The 8th ACM International Symposium on Pervasive Displays (PerDis'19)
- **Organiser**, Workshop on Mobile Human Contributions and Challenges (UbiComp'18)
- **Organiser**, Workshop on Ubiquitous Mobile Sensing: Behaviour, Mood and Environment (UbiComp'18)
- **General Chair**, UBI Summer School 2016
- **Organiser**, 2nd Workshop on Mobile and Situated Crowdsourcing (UbiComp'16)
- **Organiser**, 5th ACM International Symposium on Pervasive Displays (PerDis'16)
- **Organiser**, 1st Workshop on Mobile and Situated Crowdsourcing (UbiComp'15)
- **Organiser**, Workshop on Human Interfaces for Civic Engagement (UbiComp'13)
- **Editorial Board Member**
 - **Associate Editor**, Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (PACM IMWUT, previously ACM UbiComp) (2017-)
 - **Associate Editor**, Proceedings of the ACM on Human-Computer Interaction (PACM HCI: CSCW, previously ACM CSCW) (2017-2019)
 - **Guest Editor**, Special Issue on Human Accuracy in Mobile Data (IJHCS, 2019)
 - **Guest Editor**, Special Issue on Mobile and Situated Crowdsourcing (IJHCS, 2017)
- **Technical Program Committee Member**
 - 2024 ACM CHI Conference on Human Factors in Computing Systems (CHI'24)
 - 2023 Web Conference, Human Computation and Crowdsourcing track (WWW 2023)
 - 9th AAAI Conference on Human Computation and Crowdsourcing (HCOMP 2021)
 - 31st Australian Conference on Human-Computer Interaction (OzCHI'20)
 - 9th ACM International Symposium on Pervasive Displays (PerDis'20)
 - 30th Australian Conference on Human-Computer Interaction (OzCHI'19)
 - 8th ACM International Symposium on Pervasive Displays (PerDis'19)
 - CISC'19: 2nd International Workshop on Crowd Intelligence for Smart Cities: Technology and Applications (EWSN'19 Workshop)
 - 29th Australian Conference on Human-Computer Interaction (OzCHI'18)
 - 7th ACM International Symposium on Pervasive Displays (PerDis'18)
 - 32nd British Human Computer Interaction Conference (BritishHCI'18)
 - 2018 The Web Conference (WWW'18)
 - 21st ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW'18)
 - 31st British Human Computer Interaction Conference (BritishHCI'17)
 - 5th ACM International Symposium on Pervasive Displays (PerDis'16)
 - 29th British Human Computer Interaction Conference (BritishHCI'15)
 - 12th International Conference on Mobile and Ubiquitous Multimedia (MUM'13)
 - 2nd International Urban Interactions Research Challenge (UBI Challenge'13)
 - UbiMI: 2nd Workshop on Ubiquitous Mobile Instrumentation (UbiComp'13)

- UbiMI: 1st Workshop on Ubiquitous Mobile Instrumentation (UbiComp'12)
- **Journal Reviewer**
 - ACM ToCHI, IJHCI, Interacting with Computers, IEEE Pervasive Computing, IJHCS, PMC, ACM ToIT, Computer Networks, Policy & Internet, PACM IMWUT, JCSCW
- **Conference Reviewer**
 - CHI, CSCW, MobileHCI, UbiComp, UIST, WWW, ISS, DIS, INTERACT, NordiCHI, BritishHCI, OzCHI, ICWSM, C&T, MUM, PerDis