

# CHAT WACHARAMANOTHAM

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Google Scholar: [X-LAWNgAAAAJ](https://scholar.google.com/citations?user=X-LAWNgAAAAJ)  
h-index: 14  
i10-index: 19

## EDUCATION

- 2010 – 2016 Dr. rer. nat. (PhD) in Computer Science with magna cum laude, RWTH Aachen University
- 2007 – 2009 Master in Informatics The University of Edinburgh and RWTH Aachen University
- 2002 – 2005 Bachelor in Computer Science Chulalongkorn University, Thailand

## EMPLOYMENT HISTORY

- 03/2023 – Current **Lecturer – Teaching**, *Department of Informatics, University of Zurich (UZH), CH*
- 07/2022 – 06/2023 **Lecturer in Computer Science**, *Swansea University, UK*
- 07/2022 – 07/2023 **Mandated instructor**, *Department of Informatics, University of Zurich (UZH), CH*
- 06/2016 – 05/2022 **Assistant Professor of Interaction Design**  
*People and Computing Lab, Department of Informatics, University of Zurich (UZH), CH*
- 03/2009 – 10/2015 **Research Assistant**  
*Media Informatics and Human–Computer Interactions, RWTH Aachen University, DE*
- 03/2009 – 10/2009 **Research Assistant (Medical Image Processing)**  
*Department of Medical Informatics, RWTH Aachen University, DE*
- 01/2002 – 08/2006 **Research Assistant**  
*NLP and AI System Technology Lab, Kasetsart University, TH*
- 03/2005 – 05/2005 **Software developer student intern**  
*ExxonMobil Affiliate, TH*

## TEACHING ACTIVITIES

*Full courses:*

- **Data Visualisation** BSc & MSc level (equivalent to 6 ECTS) at Swansea University in the Spring term 2023
- **Statistical Analysis for Experiments** MSc level (6 ECTS) at the University of Zurich the Spring term 2023
- **Human-Computer Interaction (HCI)** BSc & MSc level (6 ECTS), 2016–21, annually
- **Quantitative Methods in Human-Computer Interaction (QuantHCI)** MSc level (6 ECTS), 2017–21, annually
- **Write4CHI** preparing publications for HCI venue. Online course presented in Thai language in 2019

*Seminar course:*

- **Experiments in Human–Computer Interaction** MSc level University of Zurich, Fall 2022

*Short professional course:*

- **Transparent Practices for Quantitative Empirical Research** at the CHI conferences 2022–23 (4 slots× 75 minutes), and a tutorial at VIS conference 2023 (2 slots × 75 minutes)  
Co-instructors: Fuming Yang (Brown University), Xiaoying Pu (University of Michigan), Abhraneel Sarma (Northwestern University), and Lace Padilla (UC Merced)
- **Introduction to Transparent Practices for Quantitative Research** at the Mensch und Computer conference 2023

*Guest lectures and talks:*

- **Motivating research transparency in Human–Computer Interaction**
  - Max Planck Society Phdnet: Open Science Ambassadors Program (OSAP) meeting (September 2023)
  - Singapore HCI Annual Gathering 2023
- **Introduction to Transparent Practices for Quantitative Research** (September 2023)
- **Evaluating Information Visualization** for the Data Visualization course at UZH annually since 2016
- **Statistics for HCI** for the HCI course at ETH Zurich 2016–19

*Teaching activities during the doctoral study at RWTH Aachen:*

- **Current Topics in HCI** (2011–14): Redesigning the course, lecturing (partially), and grading
- **iPhone Application Programming** (2013): Organizing, lecturing (partially), and grading
- **Media Computing Project** (2012): Organizing, supervising projects and grading
- **Designing Interactive Systems I** (2010–13) Lecturing (partially) and grading

## SUPERVISION OF DOCTORAL STUDENTS

**Darren Scott** (2022, as a second supervisor; primary supervisor: Matt Roach)

**Alexander Eiselmayer** (2018–2022)

**Chia-Kai Yang** (2016–2020)

## FUNDED RESEARCH PROJECTS

- 2022 **N-of-1 experiments to promote evidence-based living for resilience, wellbeing, and societal transformation** Awarded £5000 from the Morgan Advanced Studies Institute (MASI) to investigate how people use experimentation to improve their wellbeing
- 2017 **ATStat: Active Training of Statistics** Awarded 39600 CHF from the UZH Teaching Fund to work on a project to develop an online interactive platform for learning statistics.

## MEMBERSHIPS IN PANELS, BOARDS, ETC., AND INDIVIDUAL SCIENTIFIC REVIEWING ACTIVITIES

### Conference program committee:

- ACM **CHI** 2023 Student Research Competition Co-chair
- ACM **CHI** 2023 Associate Chair in the Understanding People (Quantitative methods) subcommittee
- ACM **CHI** 2022 Associate Chair in the Visualization Subcommittee and a member of Best Paper Awards Committee
- ACM **CHI** 2017 Late-breaking work
- ACM **DIS** 2016, 2017 (Technological Innovation subcommittee)

### Reviewing: (main publication track of the following venues)

	11	12	13	14	15	16	17	18	19	20	21	22	23	24
CHI	•	•	•	★	★	•	•	★	★	★	★	•	★	★
UIST		•	•	★	•	★	•		•				•	
VIS							•	•			•			

(★: special recognition for outstanding reviews)

### Other reviewing contributions:

- APCHI 2012
- Asian CHI symposia 2019–21
- BELIV 2016, 18, 20
- C&C 2015
- CHI Play 2014, 2015 (★)
- CSCW 2021 (★)
- DIS 2012, 2016 (★)
- GI 2013
- ETRA 2020
- IJHCS 2020
- IWC 2020
- ITS/ISS 2014–15
- Mobile HCI 2013–16, 18–19
- SUI 2013–15
- TVX 2014, 2015
- TOCHI 2019
- UbiComp 2015–16

### Memberships in scientific societies:

2023–present Chair of the **ACM SIGCHI Asia Committee**—which is established by the SIGCHI Executive Committee to promote regional collaboration among HCI communities in Asia

2021–2022 Member of the **ACM SIGCHI Asia Committee**

2019–2020 **ACM SIGCHI Asian Development Committee** (liaison for Southeast Asia—Thailand)

Since 2017 **Bangkok ACM SIGCHI Chapter** (co-founder and Chapter secretary 2017–19; currently a chapter member)

### Member of doctoral thesis committees:

2021 Mintra Ruensuk, UNIST, South Korea (Thesis advisor: Ian Oakley)

2020 Atima Tharatipyakul, Singapore University of Technology and Design (Thesis advisor: Simon Tangi Perrault)

2018 Manuela Züger, University of Zurich (Thesis advisor: Thomas Fritz)

### Member of professorial hiring committees:

2019 Assistant professor in interacting with data

2017 Professor in decision and Neuroeconomics

## ORGANIZATION OF SCIENTIFIC EVENTS

### 2022 Dagstuhl Seminar [Transparent Quantitative Research as a User Interface Problem](#)

Co-organizer, with Kasper Hornbaek (University of Copenhagen), Yvonne Jansen (Inria), Amelia A. McNamara (University of St. Thomas), and Judy Robertson (University of Edinburgh)

### 2020 Asian CHI Symposium 2020 (virtual, affiliated with CHI 2020)

Reviewing co-chair

### 2019 Transparent statistics meet-up

Co-organizer

### 2019 Asian CHI Symposium 2019 (affiliated with CHI 2019)

Co-organizer and reviewer

### 2019 The First Thai SIGCHI Symposium

Co-organizer and guest lecturer

### 2017 Workshop for Thai HCI and UX researchers and practitioners

This workshop is funded by ACM SIGCHI development fund (2250 USD). The result of the workshop led to the founding of the Bangkok ACM SIGCHI Chapter in the same year

### 2018 Special Interest Group on Transparent Statistics Guidelines at CHI 2018

Co-organized a SIG meeting to elicit feedback from the CHI community for the draft guideline in the topic of statistical effect size

### 2017 Workshop for Moving Transparent Statistics Forward at CHI 2017

Co-organized a workshop that discuss issue in transparent statistics practices.

## PRIZES, AWARDS, AND FELLOWSHIPS

2023 **ACM CHI 2023 Best Paper Award** (top 1%) Changes in Research Ethics, Openness, and Transparency in Empirical Studies between CHI 2017 and CHI 2022 (Niksirat et al.)

2020 **ACM CHI 2020 Best Paper Award** (top 1%) Transparency of CHI Research Artifacts (Wacharamanotham et al.)

2019 **ACM CHI 2019 Best Paper Award** (top 1%) Touchstone2 (Eiselmayer et al.)

2019 **Credit Suisse Award for Best Teaching** for outstanding teaching at the University of Zurich (One award per year, university-wide)

2013 **Nominated for the Teaching award** for the iPhone Programming class in winter semester 2013 at the Computer Science Department, RWTH Aachen University, Germany

2010 – 2013 **B-IT Research School Scholarship** A full scholarship for Ph.D. study from Bonn-Aachen International Center for Information Technology Foundation (B-IT), Germany

2008 – 2009 **Erasmus Mundus Scholarship** A full scholarship for M.Sc. study from the European Commission

2003 – 2005 **Junior Science Talent Project Scholarship** A full scholarship for B.Sc. study from Thailand National Science and Technology Development Agency

**SPIN-OFF AND INDUSTRY COLLABORATIONS**

- 2019 A collaboration with the Department of Banking and Finance (UZH) and the Game Solution AG (a company in Zurich) for designing and developing an educational game that simulates decisions and competitions in banking.
- 2018 **VAY-Sports** Sensor-based and computer-vision based exercise posture recognition. The company evolved to provide AI SaaS for exercise recognition ([vay.ai](#)) and was acquired by Nautilus Inc. in September 2021.

**SOCIETAL CONTRIBUTIONS**

- 2020 A mentor of one external doctoral student in the SIGCHI Trans/Queer in HCI 1-1 Mentoring Program