

CHAT WACHARAMANOTHAM

University of Zurich, Department of Informatics
Binzmühlstrasse 14, CH-8050 Zurich
Switzerland

☎ + (41) 44 63 54313
✉ chat@ifi.uzh.ch
<https://zpac.ch/chat>

Google Scholar: [X-LAWNgAAAAJ](https://scholar.google.com/citations?user=X-LAWNgAAAAJ)
h-index: 11
i10-index: 13

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

06/2016 – present **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

FUNDED RESEARCH PROJECTS

2019 **Bank management simulation game** 6300 CHF from the Department of Banking and Finance, UZH for joint-development of an educational game that simulates decisions and competitions in banking
2017 **ATStat: Active Training of Statistics** 39600 CHF from UZH Teaching Fund (Lehrkredit)
A collaboration with Prof. Carolin Strobl (Department of Psychology) to develop an online interactive training platform concepts in statistics.

SUPERVISION OF DOCTORAL STUDENTS

Alexander Eiselmayer (Aug. 2018 – present): His research aims to help scientists plan their experiments and conduct statistical analysis. Towards this goal, we conducted empirical studies to understand the current work practices and develop interactive visualization systems for expert scientists in the HCI field.
Chia-Kai Yang (Feb. 2016 – Aug. 2020): His research aims to help eye-tracking experts better analyze sequential eye-tracking data. He conducted lab and field studies to reveal the practices in data analysis and develop interactive visualization system in close cooperation with experts.
Xiaoyi Wang (Visiting student from the University of Copenhagen during Jun. – Sep. 2019): We collaborated on developing an interactive system that help researchers make decision about statistical power.

SUPERVISION OF MASTER THESES (Listed by research directions. * denotes joint-supervision with another professor)

- ▶ **Practices and education of statistics** Poornigha Santhanakumar ('16), Johannes Maas ('17)*, Michael Ellers ('17)*, Jasmin Ebner ('18), Flavio Keller ('18), Alexander Eiselmayer ('18), Julian Iff ('19), Sebastian Pinegger ('19)
- ▶ **Open Science** Florian Fischer ('18), Lukas Eisenring ('19), Matthias Felix ('19)
- ▶ **Better integrations of paper and screens** Imanol Studer ('16), Till Salinger ('17), Raphael Weibel ('19), Jan Gugler ('19), Justin Sosnoski ('19)
- ▶ **Health and accessibility** Alexander Pfyffer ('18)*, Caroline Lottenbach ('19), Sven Stoll ('20)*

(For the supervisions during my doctoral study at RWTH Aachen, see <https://hci.rwth-aachen.de/chat>)

OWN TEACHING ACTIVITIES

- **Human-Computer Interaction (HCI)** BSc & MSc level – annually since 2016, partially flipped-classroom in 2019 and completely online in 2020
- **Quantitative Methods Human-Computer Interaction (QuantHCI)** MSc level – annually since 2017, partially online in 2020
- **Write4CHI** preparing publications for HCI venue. Online course in Thai in 2019

Guest lectures:

- **Evaluating Information Visualization** for the Data Visualisation course at UZH annually since 2016
- **Statistics for HCI** for the HCI course at ETH Zurich annually since 2016

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

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

Conference program committee:

- ACM **DIS** 2016, 2017 (Technological Innovation subcommittee)
- ACM **CHI** 2017 Late-breaking work
- **BELIV** 2016, 2018, 2020 (Beyond Time And Errors: Novel Evaluation Methods For Visualization) workshop at IEEE VIS

Reviewing: (main publication track of the following venues)

	11	12	13	14	15	16	17	18	19	20	21
CHI	•	•	•	★	★	•	•	★	★	★	★
UIST		•	•	★	•	★	•			•	
VIS								•	•		
Mobile HCI			•	•	•	•					

(★: special recognition for outstanding reviews)

Other reviewing contributions:

- ETRA 2020
- TOCHI 2019
- UbiComp 2015–16
- ITS/ISS 2014–15
- SUI 2013–15
- C&C 2015
- GI 2013
- APCHI 2012
- CHI Play 2014, 2015 (★)
- TVX 2014, 2015
- DIS 2012, 2016 (★)
- International Journal of Human-Computer Studies (IJHCS)
- Interacting with Computers

Memberships in scientific societies:

Since 2019 **ACM SIGCHI Asian Development Committee** (liaison for Southeast Asia–Thailand)
 Since 2017 **Bangkok ACM SIGCHI Chapter** (co-founder and Chapter secretary 2017–19)

Member of doctoral thesis committees:

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

- 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

- 2020 **ACM CHI 2020 Best Paper Award** (top 1%) Transparency of CHI Research Artifacts
- 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

2018 **VAY-Sports** Sensor-based and computer-vision based exercise posture recognition. www.facebook.com/vayaiofficial Since October 2020, the company has evolved to provide AI SaaS for exercise recognition: vay.ai