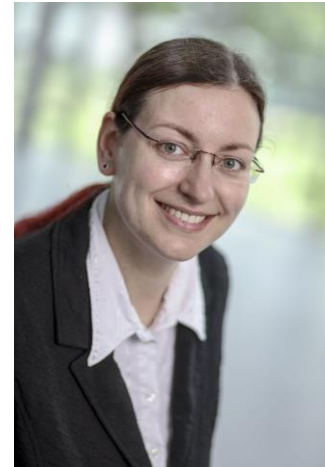


# Curriculum Vitae

Anja Exler (née Bachmann)



## *Personal information*

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Email [exler@teco.edu](mailto:exler@teco.edu)  
Web [www.teco.edu/people/exler](http://www.teco.edu/people/exler)

## *Education*

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07/2007 **University entrance diploma** (Grade 1.4)  
Europagymnasium Richard von Weizsäcker, Thale, Germany

10/2007 – 03/2011 **Studies of computer science, Bachelor of Science** (Grade 1.8)  
Otto von Guericke University Magdeburg, Germany

04/2011 – 09/2012 **Studies of computer science, Master of Science** (Grade 1.4)  
Otto von Guericke University Magdeburg, Germany

- 04/2012 – 09/2012: Semester abroad  
European Centre for Soft Computing, Spain

10/2012 – today **PhD studies of computer science**  
Karlsruhe Institute of Technology (KIT), Karlsruhe, Germany

## *Professional Experience in the Academic Field*

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10/2008 – 01/2009 **English Tutor**  
Kindergarten, Parchau (Burg), Germany

09/2009 – 09/2011 **Tutor for Mathematics and Programming**  
Otto von Guericke University Magdeburg, Germany

07/2011 – 09/2012 **Student Researcher**  
Otto von Guericke University Magdeburg, Germany  
European Centre for Softcomputing (ECSC), Mieres, Spain

10/2012 – now **Research Fellow**  
Karlsruhe Institute of Technology (KIT), Karlsruhe, Germany

- 04/2017 – 04/2018: Parental leave

## *Scientific Activities*

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2013 – 2018	<b>Reviewer for International Conferences</b> MUM'13, DIS'16, MobileHCI'16, UbiComp'15 – UbiComp'17, CHI'18
2014 – 2018	<b>Reviewer for International Journals</b> Journal of Ambient Intelligence and Smart Environments (JAISE), IEEE Pervasive Computing, Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT), IEEE Transactions on Big Data (TBD)
2014 – 2018	<b>Workshop Program Committee Member</b> HASCA'14 – HASCA'18, UPA'18
2016	<b>Local Arrangement Chair and Publicity Chair</b> International Symposium on Wearable Sensors (ISWC'16)
2017, 2018	<b>Workshop Organizer</b> UbiTtention'17; INAM'17; UbiTtention'18
2018	<b>Technical Program Committee Member</b> MobiCase'18

## *Current and Recent Volunteer Activities*

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07/2014 – today	<b>Volunteer member and mentor</b> Arbeiterkind.de Local Group, Karlsruhe, Germany
10/2015 – 03/2018	<b>Mentor</b> Cybermentor.de
04/2015 – 03/2017	<b>Spokeswoman of the computer science faculty's doctoral students council</b>
07/2015 – 11/2016	<b>Representative of KIT doctoral students within the Helmholtz Association</b>
11/2016 – today	<b>Member</b> leaderslikeher.net; Networking Networking Women (N2Women)

## *Language Skills*

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German (mother tongue), English (fluently), French (advanced knowledge), Spanish (advanced knowledge), Japanese (advanced knowledge), Latinum

# Peer-Reviewed Publications

2018

- **Anja Exler, Christoph Michel, Michael Beigl (2018)**  
*On-Body Smartphone Position Detection with Position Transition Correction Based on the Hand State*  
Proceedings of the 2018 EAI 9th International Conference on Mobile Computing, Applications and Services (MobiCASE)
- **Anja Exler, Marcel Braith, Kristina Mincheva, Andrea Schankin, Michael Beigl (2018)**  
*Smartphone-Based Estimation Of A User Being In Company Or Alone Based On Place, Time, And Activity*  
Proceedings of the 2018 EAI 9th International Conference on Mobile Computing, Applications and Services (MobiCASE)
- **Muneeba Raja, Anja Exler, Samuli Hemminki, Shin'ichi Konomi, Stephan Sigg, Sozo Inoue (2018)**  
*Towards pervasive geospatial affect perception*  
Springer GeoInformatica Journal

2017

- **Anja Exler, Sebastian Kramer, MiguelAngel Meza Martánez, Christian Navolskyi, Michael Vogt, Michael Beigl (2017)**  
*Suitability of Event-Based Prompts in Experience Sampling Studies Focusing on Location Changes*  
Proceedings of the 2017 EAI 7th International Conference on Wireless Mobile Communication and Healthcare (Mobihealth)
- **Anja Exler, Christian Dinse, Zeynep Günes, Nadim Hammoud, Steffen Mattes, Michael Beigl (2017)**  
*Investigating The Perceptibility of Different Notification Types on Smartphones Depending on the Smartphone Position*  
Proceedings of the 2017 ACM International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp) and Proceedings of the 2017 ACM International Symposium on Wearable Computers (ISWC)
- **Matthias Budde, Anja Exler, Till Riedel, Michael Beigl, Andrea Schankin (2017)**  
*Lessons from Failures in Designing and Conducting Experimental Studies – a Brief Anecdotal Tutorial*  
Proceedings of the 2017 ACM International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp) and Proceedings of the 2017 ACM International Symposium on Wearable Computers (ISWC)

2016

- **Anja Exler, Matthias Urschel, Andrea Schankin, Michael Beigl (2016)** *Smartphone-Based Detection of Location Changes Using WiFi Data*  
Proceedings of the 2016 EAI 6th International Conference on Wireless Mobile Communication and Healthcare (Mobihealth)
- **Anja Exler, Andrea Schankin, Christoph Klebsattel, Michael Beigl (2016)**  
*A wearable system for mood assessment considering smartphone features and data from mobile ECGs*  
Adjunct Proceedings of the 2016 ACM International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp)
- **Anja Exler, Marcel Braith, Andrea Schankin, Michael Beigl (2016)**  
*Preliminary investigations about interruptibility of smartphone users at specific place types*  
Adjunct Proceedings of the 2016 ACM International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp)

2015

- **Anja Bachmann, Robert Zetzsche, Andrea Schankin, Till Riedel, Michael Beigl, Markus Reichert, Philip Santangelo, Ulrich Ebner-Priemer (2015)**  
*ESMAC: A Web-Based Configurator for Context-Aware Experience Sampling Apps in Ambulatory Assessment*  
Proceedings of the 2015 EAI 5th International Conference on Wireless Mobile Communication and Healthcare (Mobihealth), *Best Paper Award*
- **Anja Bachmann, Christoph Klebsattel, Andrea Schankin, Till Riedel, Michael Beigl, Markus Reichert, Philip Santangelo, Ulrich Ebner-Priemer (2015)** *Leveraging Smartwatches for Unobtrusive Mobile Ambulatory Mood Assessment*  
Adjunct Proceedings of the 2015 ACM International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp)
- **Anja Bachmann (2015)**  
*Towards Smartphone-Based Sensing of Social Interaction for Ambulatory Assessment*,  
Adjunct Proceedings of the 2015 ACM International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp)
- **Anja Bachmann, Christoph Klebsattel, Matthias Budde, Till Riedel, Michael Beigl, Markus Reichert, Philip Santangelo, Ulrich Ebner-Priemer (2015)**  
*How to Use Smartphones for Less Optrusive Ambulatory Mood Assessment and Mood Recognition*  
Adjunct Proceedings of the 2015 ACM International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp)
- **Anja Bachmann, Robert Zetzsche, Till Riedel, Michael Beigl, Markus Reichert, Philip Santangelo, Ulrich Ebner-Priemer (2015)**  
*Identification of Relevant Sensor Sources for Context-Aware ESM Apps in Ambulatory Assessment*  
Adjunct Proceedings of the 2015 ACM International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp)

2013

- **Anja Bachmann, Martin Alexander Neumann, Hossein Miri, José Barateiro, Gonçalo Antunes, Artur Caetano (2013)** *Preservation and Redeployment of Sensor Acquisition Processes from a Dam Safety Information System*  
Proceedings of the 5th International Conference on Knowledge Management and Information Sharing (KMIS)
- **Anja Bachmann, Christian Borgelt, Gyöző Gidofalvi (2013)** *Incremental Frequent Route Based Trajectory Prediction*  
Proceedings of the 6th ACM SIGSPATIAL International Workshop on Computational Transportation Science (IWCTS)
- **Anja Bachmann (2013)** *Process Mining and Activity Recognition on Mobile Devices Using Crowdsourcing and User Information from the Cloud*  
Adjunct Proceedings of the 2013 ACM International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp)
- **Michael Hauber, Anja Bachmann, Matthias Budde, Michael Beigl (2013)** *jActivity: Supporting Mobile Web Developers with HTML5/JavaScript based Human Activity Recognition*  
12th International Conference on Mobile and Ubiquitous Multimedia (MUM)

2011

- **Anja Bachmann, Rene Schult, Matthias Lange and Myra Spiliopoulou (2011)** *Extracting Cross References from Life Science Databases for Search Result Ranking*  
Proceedings of the 20th ACM International Conference on Information and Knowledge Management (CIKM)