

# Prof. Dr. habil. Ramona Schödel



Mobile Sensing

Personality Computing

Behaviors & Situations

Digital Behaviors

Individual Differences

Sleep

## Current Position

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since 10/2023

### Professor of Differential Psychology and Psychological Diagnostics

Charlotte Fresenius Hochschule, University of Psychology, Munich  
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## Academic Career

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07/2023

### Habilitation in Psychology

Department Psychology, LMU Munich, Germany  
Mentorship: Prof. Dr. Markus Bühner, Prof. Dr. Katja Bertsch, Prof. Dr. Mario Gollwitzer

since 08/2020

### Research Associate

Psychological Methods and Assessment, LMU Munich, Germany

11/2016 - 07/2020

### PhD programme in Psychology

Psychological Methods and Assessment, LMU Munich, Germany  
Supervision: Prof. Dr. Markus Bühner

10/2013 - 03/2016

### M.Sc. Psychology

Friedrich–Alexander University Erlangen–Nürnberg, Germany

10/2010 - 08/2013

### B.Sc. Psychology

Friedrich–Alexander University Erlangen–Nürnberg, Germany

## Research Experience

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since 05/2023

### Personality Computing Network

Foundation of a scientific DFG-funded network  
SCHO 2005/3-1  
<https://www.personalitycomputing.net>

since 11/2016

### Mobile sensing project „PhoneStudy“

LMU Munich, Germany  
<https://phonestudy.org>  
(10/2019 – 12/2023: Project team leader)

11/2016 - 08/2020

### Industrial cooperation project „User Centered Machine Learning“

AUDI AG, Ingolstadt, Germany; LMU Munich, Germany  
Applied thesis work & consulting

02/2015 - 04/2015

### Research internship

School of Psychology (Cog. Neuroscience), Plymouth University, Great Britain

10/2014 - 02/2015

























### Research assistant









Interdisciplinary Center for Health Technology & Public Health, Uniklinikum Erlangen  
Project: Bayerischer Demenz Survey (BayDem)

## Peer-Reviewed Publications

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### Journal Articles

- Reiter, T., & **Schoedel, R.** (in press). Never Miss a Beep: Using Mobile Sensing to Investigate (Non-) Compliance in Experience Sampling Studies. *Behavior Research Methods*. Preprint: <https://osf.io/preprints/psyarxiv/8srqd/>  
- Krämer, M. D., Roos, V., **Schoedel, R.**, Wrzus, C., & Richter, D. (in press). Social dynamics and affect: Investigating within-person associations in daily life using experience sampling and mobile sensing. *Emotion*. Preprint: <https://doi.org/10.31234/osf.io/jxzn>   
- große Deters, F., & **Schoedel, R.** (2024). Keep on scrolling? Using intensive longitudinal smartphone sensing data to assess how everyday smartphone usage behaviors are related to well-being. *Computers in Human Behavior*, 150, 107977. <https://doi.org/10.1016/j.chb.2023.107977>   
- Pargent, F., **Schoedel, R.**, Stachl, C. (2023). Best Practices in Supervised Machine Learning: A Tutorial for Psychologists. *Advances in Methods and Practices in Psychological Science*, 6(3). <https://doi.org/10.1177/2515245923116>  
- Roos, Y., Krämer, M. D., Richter, D., **Schoedel, R.**, & Wrzus, C. (2023). Does Your Smartphone “Know” Your Social Life? A Methodological Comparison of Day Reconstruction, Experience Sampling, and Mobile Sensing. *Advances in Methods and Practices in Psychological Science*, 6(3). <https://doi.org/10.1177/25152459231178738>   
- Scharbert, J., Reiter, T., Sakel, S., Horst, J. T., Geukes, K., Gosling, S. D., ..., **Schoedel, R.**, ... & Back, M. D. (2023). A global experience-sampling method study of well-being during times of crisis: The CoCo project. *Social and Personality Psychology Compass*, e12813. <https://doi.org/10.1111/spc3.12813>  
- Schoedel, R.**, Kunz, F., Bergmann, M., Bemmann, F., Bühner, M., & Sust, L. (2023). Snapshots of daily life: Situations investigated through the lens of smartphone sensing. *Journal of Personality and Social Psychology*. Advance online publication. <https://doi.org/10.1037/pspp0000469>   
- Seiferth, C., Vogel, L., Aas, B., Brandhorst, I., Carlbring, P., Conzelmann, A., ... **Schoedel, R.**, & Löchner, J. (2023). How to e-mental health: a guideline for researchers and practitioners using digital technology in the context of mental health. *Nature Mental Health*, 1(8), 542-554. <https://doi.org/10.1038/s44220-023-00085-1>
- Sust, L., Stachl, C., Kudchadker, G., Bühner, M., & **Schoedel, R.** (2023). Personality Computing With Naturalistic Music Listening Behavior: Comparing Audio and Lyrics Preferences. *Collabra*, 9(1), 75214. <https://doi.org/10.1525/collabra.75214>  
- Birtwistle, E., **Schoedel, R.**, Bemmann, F., Wirth, A., Sürig, C., Stachl, C., Bühner, M., & Niklas, F. (2022). Mobile Sensing in Psychological and Educational Research: Examples from two Application Fields. *International Journal of Testing*, 22(3-4), 264-288. <https://doi.org/10.1080/15305058.2022.2036160>
- Schoedel, R.**, Oldemeier, M., Bonauer, L., & Sust, L. (2022). Systematic Categorisation of 3,091 Smartphone Applications From a Large-Scale Smartphone Sensing Dataset. *Journal of Open Data Psychology*. <http://doi.org/10.5334/jopd.59>  
- Schoedel, R.**, Pargent, F., Au, Q., Völkel, S. T., Schuwerk, T., Bühner, M., and Stachl, C. (2020). To Challenge the Morning Lark and the Night Owl: Using Smartphone Sensing Data to Investigate Day-Night Behaviour Patterns. *In European Journal of Personality*, 34(5), 733-752. <https://doi.org/10.1002/per.2258>  
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- Stachl, C., Pargent, F., Hilbert, S., Harari, G. M., **Schoedel, R.**, Vaid, S., Gosling, S. D., and Bühner, M. (2020). Personality Research and Assessment in the Era of Machine Learning. In *European Journal of Personality*, 34(5), 613-631. <https://doi.org/10.1002/per.2257>  
- Stachl, C., Au, Q., **Schoedel, R.**, Gosling, S. D., Harari, G. M., Buschek, D., ... & Hussmann, H. (2020). Predicting personality from patterns of behavior collected with smartphones. In *Proceedings of the National Academy of Sciences*, 117(30), 17680-17687. <https://doi.org/10.1073/pnas.1920484117>  
- Harari, G. M., Vaid, S. S., Müller, S. R., Stachl, C., Marrero, Z., **Schoedel, R.**, . . . Gosling, S. D. (2020). Personality sensing for theory development and assessment in the digital age. In *European Journal of Personality*, 34(5), 649-669. <https://doi.org/10.1002/per.2273>  
- Schoedel, R.**, Au, Q., Völkel, S., Lehmann, F., Becker, D., Bühner, M., Bischl, B., Hussmann, H. & Stachl, C. (2018). Digital footprints of sensation seeking: a traditional concept in the big data era. In *Zeitschrift für Psychologie*, 226(4), 232-245. <https://psycnet.apa.org/doi/10.1027/2151-2604/a000342>   
- Schoedel, R.**, Hilbert, S., Bühner, M., & Stachl, C. (2018). One way to guide them all: Wayfinding strategies and the examination of gender-specific navigational instructions in a real-driving context. *Transportation Research Part F: Traffic Psychology and Behaviour*, 58, 754-768. <https://doi.org/10.1016/j.trf.2018.06.030>
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Book Chapter

- Schoedel, R.**, & Mehl, M. (in press). *Mobile Sensing Methods*. In Reis, H. T., West, T., Judd, C. M. (Eds), *Handbook of Research Methods in Social and Personality Psychology* (3rd edition). Preprint: <https://psyarxiv.com/9j4uy>
- Wrzus, C., & **Schoedel, R.** (in press). *Transparency and Replicability in Mobile Sensing Research*. In Mehl, M. R., Eid, M., Wrzus, C., Harari, G.H., & Ebner-Priemer, U. (Eds), *Handbook of Mobile Sensing in Psychology: Methods and Applications*, 53.
- Völkel, S.T., **Schödel, R.**, Buschek, D., Stachl, C., Au, Q., Bischl, B., Bühner, M., & Hußmann, H. (2019). *Opportunities and Challenges of Utilizing Personality Traits for Personalization in HCI: Towards a shared perspective from HCI and Psychology*. In Augstein, M., Herder, E., & Woerndl, W. (Eds.), *Personalized Human-Computer Interaction*. Oldenbourg: DeGruyter.
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Interdisciplinary Publications

- Völkel, S. T., **Schoedel, R.**, Kaya, L., & Mayer, S. (2022). User Perceptions of Extraversion in Chatbots after Repeated Use. In *Proceedings of the 2022 CHI Conference on Human Factors in Computing Systems* (pp. 1-18). <https://doi.org/10.1145/3491102.3502058>
- Bemmann, F., **Schoedel, R.**, van Berkel, N., & Buschek, D. (2021). Chatbots for Experience Sampling – Initial Opportunities and Challenges. In *Joint Proceedings of the ACM IUI 2021 Workshops*. ACM.
- Völkel, S. T., **Schödel, R.**, Buschek, D., Stachl, C., Winterhalter, V., Bühner, M., & Hussmann, H. (2020). Developing a Personality Model for Speech-based Conversational Agents Using the Psycholexical Approach. In *Proceedings of the 2020 CHI Conference on Human Factors in Computing Systems*, 1-14. <https://doi.org/10.1145/3313831.3376210>
- Völkel, S. T., Graefe, J., **Schödel, R.**, Häuslschmid, R., Stachl, C., Au, Q., & Hussmann, H. (2018). I Drive My Car and My States Drive Me: Visualizing Driver's Emotional and Physical States. In *Adjunct Proceedings of the 10th International Conference on Automotive User Interfaces and Interactive Vehicular Applications*, 198-203. ACM. <https://doi.org/10.1145/3239092.3267102>

## Services to the Field & Affiliations

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Reviewer for Journals	ACM CHI Conference on Human Factors in Computing Systems, Behavior Research Methods, Behavior and Information Technology, British Journal of Clinical Psychology, Communications Psychology, Collabra, Digital Psychology, European Journal of Personality, Future Generation Computer Systems, Human Factors, Journal of Healthcare Informatics Research, Journal of Personality and Social Psychology, Personality Science, Zeitschrift für Pädagogische Psychologie
Reviewer for Grants	Center for Open and Responsible Research (CORe)
Affiliations	German Society of Psychological Science (DGPs) Differential Psychology, Personality Psychology and Psychological Assessment (DPPD) Society for Ambulatory Assessment (SAA) Open Science Center (OSC), LMU Munich German Reproducibility Network (GRN)

## Skills

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Languages	German (native), English (fluent), French (basics), Italian (basics)
Software	R, R Markdown, LaTeX, Git, Office

## Media & Web

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Media Coverage	<a href="#">Bayern2</a> : Was App-Nutzung über uns aussagt <a href="#">LMU News</a> : „Coping with Corona“ – Leben in der Pandemie <a href="#">EJP Blog</a> : Behavioral Assessment in the Age of Big Data <a href="#">LMU News</a> : Wie fühlen Sie sich gerade?
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### Web Presences

#### Research Projects



[PhoneStudy](#)



[Personality Computing Network](#)



[OSF](#)

#### Personal Profiles



[LMU Munich](#)



[ORCID](#)



[ResearchGate](#)



[Twitter](#)