

Sabrina Gado

PHD CANDIDATE

Experimental Clinical Psychology, Julius-Maximilians-University of Würzburg, Marcusstraße 9-11, 97070 Würzburg, Germany

☎ +49 931 31-83948 | ✉ mail@sabrinagado.de | 🏠 sabrinagado.de

Sabrina is pursuing her PhD in the field of social and affective neuroscience. She contributes to the understanding of the aetiology and maintenance of psychological disorders, particularly social anxiety. Employing advanced research methods like mobile measurements and virtual reality, she examines (mal)adaptive approach and avoidance behavior in social contexts. With a background in both psychology and computer science, she is passionate about leveraging the synergy between these fields for societal benefit. She is experienced in conducting psychological experiments, analyzing and visualizing data, as well as presenting and publishing results.

Education

Julius-Maximilians-Universität of Würzburg

PHD. CANDIDATE, NEUROSCIENCE, PRIMARY SUPERVISOR: PROF. MATTHIAS GAMER

Würzburg, Germany

2021–Present

Julius-Maximilians-Universität of Würzburg

BSc & MSc, PSYCHOLOGY

Würzburg, Germany

2015–2020

University of Applied Sciences Würzburg-Schweinfurt

BSc, BUSINESS INFORMATION SYSTEMS

Würzburg, Germany

2018–2022

Research Experience

Julius-Maximilians-Universität of Würzburg, Experimental Clinical Psychology

RESEARCH ASSISTANT

Würzburg, Germany

11/2021–Present

- Investigated social approach and avoidance behavior in naturalistic settings
- Proficient in advanced research methods, e.g. field research with mobile equipment and virtual reality

NeuroLab, Fraunhofer Institute for Industrial Engineering IAO

GRADUATE RESEARCHER

Stuttgart, Germany

09/2020–02/2022

- Implemented experimental paradigms and machine learning algorithms to identify cognitive and affective states
- Experienced with EEG, fNIRS and physiological measurements

Julius-Maximilians-Universität of Würzburg, Work and Organizational Psychology

GRADUATE RESEARCHER

Würzburg, Germany

10/2018–02/2020

- Conducted a meta-analysis on the effect of learning goals on behavior in occupational contexts
- Investigated the acceptance of artificial intelligence in the field of psychology and designed an online training to foster the acceptance of AI and show persuading use-cases in my master's thesis

Teaching

EXPERIMENTAL RESEARCH METHODS (BSc. PSYCHOLOGY)

2022

- Instructed a small group of students on how to plan, execute, analyze, and present their first psychological experiment

THESES

2021–Present

- Supervised 3 internships, 6 bachelor theses, and 1 master thesis

Other Experiences

COORDINATION OF A TRANSLATIONAL RESEARCH TRAINING GROUP

12/2022–05/2023

- Organized and hosted weekly scientific exchange meetings where the PhD students and external guest speakers presented their work
- Organized workshops and the yearly summer school for the PhD students to expand their knowledge and skill set

WUERTUAL REALITY XR MEETING

04/2023

- Organized and hosted the inaugural “Wuertual Reality” meeting with 126 participants
- Provided a platform for the presentation and discussion of current XR research

Affiliations

GERMAN PSYCHOLOGICAL SOCIETY (DGPs), DIVISION OF BIOLOGICAL PSYCHOLOGY AND NEUROPSYCHOLOGY

2022–Present

GERMAN ALPINE CLUB (DAV)

2018–Present

Awards

PHD AWARD

- Award for research proposal (500 €) in 2022
- Poster award (500 €) in 2023

POSTER PRIZE

- Poster award (200 €) in 2023

Skills

PROGRAMMING

- Experiments: PsychoPy (level: proficient), Unreal Engine 5 (level: competent)
- Data analysis and visualization: Python (level: proficient), R (level: competent)

LANGUAGE

- German (level: native speaker), English (level: fluent)

INTEREST

- Research: Social and affective neuroscience, naturalistic research, technology acceptance, artificial intelligence and machine learning
- Leisure: (Classical) music, (road) cycling, triathlon

Publications

PEER-REVIEWED JOURNAL ARTICLES

1. Lingelbach, K., Gado, S., Wirzberger, M., & Vukelić, M. (2023). Workload-dependent hemispheric asymmetries during the emotion-cognition interaction: A close-to-naturalistic fNIRS study. *Frontiers in Neuroergonomics*, 4. <https://doi.org/10.3389/fnrgo.2023.1273810>
2. Gado, S., Lingelbach, K., Wirzberger, M., & Vukelić, M. (2023). Decoding Mental Effort in a Quasi-Realistic Scenario: A Feasibility Study on Multimodal Data Fusion and Classification. *Sensors*, 23(14). <https://doi.org/10.3390/s23146546>
3. Gado, S., Kempen, R., Lingelbach, K., & Bipp, T. (2022). Artificial intelligence in psychology: How can we enable psychology students to accept and use artificial intelligence? *Psychology Learning & Teaching*, 21(1), 37–56. <https://doi.org/10.1177/147572572111037149>

CONTRIBUTIONS TO INTERNATIONAL CONFERENCES

1. Gado, S., Teigeler, J., & Gamer, M. (2023). Socially anxious avoid gaze, don't they? The effect of gaze camouflage and social anxiety on attention and autonomic measures in naturalistic social situations. 48. *Jahrestagung «Psychologie Und Gehirn»*.
2. Gado, S., Lingelbach, K., & Vukelić, M. (2022). Classifying cognitive load in a quasi-realistic scenario based on multimodal neurophysiological data. 47. *Jahrestagung «Psychologie Und Gehirn»*.
3. Gado, S., Lingelbach, K., Bui, M., Rieger, J. W., & Vukelić, M. (2021). Real-time feedback of subjective affect and working memory load based on neurophysiological activity. In C. Stephanidis, M. Antona, & S. Ntoa (Eds.), *HCI international 2021 - late breaking posters* (pp. 80–87). Springer International Publishing. https://doi.org/10.1007/978-3-030-90179-0_11
4. Gado, S., Kempen, R., & Bipp, T. (2021). Development and validation of an online training on artificial intelligence for psychology students. 12. *Tagung Der Fachgruppen Arbeits-, Organisations- Und Wirtschaftspsychologie Sowie Ingenieurspsychologie Der DGPs*.