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

Pursuing a PhD in the field of social and affective neuroscience. Contributes to the understanding of the aetiology and maintenance of psychological disorders, particularly social anxiety. Examines (mal)adaptive approach and avoidance behavior in social contexts employing advanced research methods like mobile measurements and virtual reality. Passionate about leveraging the synergy between the fields of psychology and computer science for societal benefit. Experienced in conducting psychological experiments, analyzing and visualizing data, as well as presenting and publishing results.

Education

Julius-Maximilians-Universität of Würzburg	*Würzburg, Germany*
PhD. Candidate, Neuroscience, Primary Supervisor: Prof. Matthias Gamer	*2021–Present*
Julius-Maximilians-Universität of Würzburg	*Würzburg, Germany*
BSc & MSc, Psychology	*2015–2020*
University of Applied Sciences Würzburg-Schweinfurt	*Würzburg, Germany*
BSc, Business Information Systems	*2018–2022*

Research Experience

Julius-Maximilians-Universität of Würzburg, Experimental Clinical Psychology — *Würzburg, Germany*

Research Assistant — *11/2021–Present*

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

NeuroLab, Fraunhofer Institute for Industrial Engineering IAO — *Stuttgart, Germany*

Graduate Researcher — *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 — *Würzburg, Germany*

Graduate Researcher — *10/2018–02/2020*

- Conducted a meta-analysis on the effect of learning goals on behavior in 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 price
- 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
- English (level: C1, advanced)
- German (level: C2, native speaker)

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/10.1177/14757257211037149`

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. Annual Conference «Psychologie Und Gehirn»*. [Poster]

2. Gado, S., Lingelbach, K., & Vukelić, M. (2022). Classifying cognitive load in a quasi-realistic scenario based on multimodal neurophysiological data. *47. Annual Conference «Psychologie Und Gehirn»*. [Poster]

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` [Poster]

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*. [Talk]