Sabrina **Gado**

PhD Candidate

Experimental Clinical Psychology, Julius-Maximilians-University of Würzburg, Marcusstraße 9-11, 97070 Würzburg, Germany 0+49 931 31-83948 | Smail@sabrinagado.de | Asbrinagado.de

Pursuing a PhD in the field of social and affective human 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. 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

Julius-Maximilians-Universität of Würzburg

BSc & MSc, Psychology

University of Applied Sciences Würzburg-Schweinfurt

BSC, BUSINESS INFORMATION SYSTEMS

Research Experience	
Julius-Maximilians-Universität of Würzburg, Experimental Clinical Psychology RESEARCH ASSISTANT Investigating social approach and avoidance behavior in naturalistic settings Employing advanced biopsychological research methods in the lab with stationary eye-tracking and concurrent physiol Enhancing ecological validity by the use of immersive virtual reality and field research with unobstrusive mobile eye-tracking	<i>Würzburg, Germany</i> 11/2021–Present ogical measurements king and sensors
 NeuroLab, Fraunhofer Institute for Industrial Engineering IAO GRADUATE RESEARCHER Implemented experimental paradigms and machine learning algorithms to identify cognitive and affective states Experienced with EEG, fNIRS and physiological measurements 	Stuttgart, Germany 09/2020-02/2022
Julius-Maximilians-Universität of Würzburg, Work and Organizational Psychology GRADUATE RESEARCHER • 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 show persuading use-cases in my master's thesis	Würzburg, Germany 10/2018-02/2020 e acceptance of Al and
Teaching	
 EXPERIMENTAL RESEARCH METHODS (BSc. Psychology) Instructed a small group of students on how to plan, execute, analyze, and present their first psychological experiment THESES Supervised 3 internships, 6 bachelor theses, and 1 master thesis 	2022 2021–Present

Other Experiences

COORDINATION OF A TRANSLATIONAL RESEARCH TRAINING GROUP

• 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

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

FEBRUARY 2024

1 OF 2

2021–Present Würzburg, Germany 2015–2020 Würzburg, Germany 2018–2022

Würzburg, Germany

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04/2023

Affiliations

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

GERMAN ALPINE CLUB (DAV)

2022–Present

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

- Lingelbach, K., Gado, S., Wirzberger, M., & Vukelić, M. (2023). Workload-dependent hemispheric asymmetries during the emotioncognition interaction: A close-to-naturalistic fNIRS study. *Frontiers in Neuroergonomics*, 4. https://doi.org/10.3389/fnrgo. 2023.1273810
- 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
- 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]
- 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]