

Open PhD Position at the University of Fribourg, Switzerland in the MSCA doctoral network „Lullabyte: Music & Sleep”**Project description:**

The PhD student will focus on (1) examining emotional reactions to musical stimuli presented during wakefulness and during sleep in healthy participants (2) examining effects of musical stimuli presented during sleep on sleep architecture and sleep quality in patients with insomnia. Emotional reactions will be measured using physiological recordings (EEG, EOG, EMG, SCR; HR, breathing).

This project includes secondments with Jean-Julien Aucouturier (National Center for Scientific Research, France) to train in computational methods to design emotional musical stimuli and Kira V. Jespersen (Aarhus University, Denmark) for conducting studies on music and emotion in patients with insomnia.

For further information and application please visit: [Lullabyte Project Investigates the Influence of Music on the Process of Falling Asleep - Neuroscience News](#)

Requirements:

M.A. in Psychology, Cognitive Sciences, Cognitive Neurosciences or similar with strong musical skills. Proof of English proficiency, as communication and teaching language throughout Lullabyte is English (e.g. TOEFL or similar test, not for native speakers).

Basic knowledge of German and/or French is required.

We offer:

We offer the PhD candidate to conduct and contribute to exciting research projects in close collaboration with an excellent and highly motivated team. The research will be performed in the fully equipped sleep and memory laboratory of the Division of Cognitive Biopsychology and Methods at the University of Fribourg (Switzerland). Terms of employment conform to the regulations of the Canton of Fribourg, Switzerland.

Anticipated starting date: 1st of March/April 2023

Duration: 3 years

Application deadline: 31st of January 2023

Please send your application (cover letter detailing the motivation for the proposed project, CV, and the names/addresses of two referees) per email to: Angela Rapicault (angela.rapicault@unifr.ch).

Contact

Prof. Björn Rasch

Division of Cognitive Biopsychology and Methods, University of Fribourg
Rue P.A. de Faucigny 2, CH 1701 Fribourg, Switzerland

Website: <http://www.unifr.ch/psycho/en/research/cogpsy>