



Ernst Strüngmann Institute for Neuroscience  
in Cooperation with Max Planck Society



**The Fries Lab at the Ernst Strüngmann Institute (ESI) aims to fill  
Several positions for PhD candidates and Postdocs in  
Cognitive and Systems Neuroscience  
in the course of 2020 and early 2021.**

The Fries Lab investigates rhythmic neuronal synchronization and its functional roles for attention and memory ([www.esi-frankfurt.de/pf](http://www.esi-frankfurt.de/pf)). Interactions between different brain areas are studied with multi-site electrophysiology and optogenetics in awake behaving marmoset and macaque monkeys, magnetoencephalography in human subjects, and advanced data analysis. The new lab members will join existing teams with extensive expertise in the relevant techniques, and will typically combine experimental projects with data analysis projects on existing datasets. ESI provides an outstanding infrastructure.

All positions are for four years and are core funded by ESI for their full duration. Positions can start at any time in 2020 or early 2021, and this call will remain open until all positions are filled. PhD candidates interested in joining the lab in late 2020 or early 2021 are encouraged to apply to the International Max Planck Research School (IMPRS) for Neural Circuits ([www.brain.mpg.de/registration](http://www.brain.mpg.de/registration)) with a deadline on 1 December 2019, and to send their application material in parallel directly to ESI at the below mentioned e-mail address.

PhD candidates should have a B.Sc. or a M.Sc. or an equivalent qualification in neuroscience or a neuroscience-related discipline like medicine, psychology, physics or biology. Correspondingly, Postdoc candidates should have or expect a Ph.D. in neuroscience or a neuroscience-related discipline. Experience with in-vivo electrophysiology or MEG and with data analysis is a plus. Yet, the main criteria are a strong academic track record and a dedication to perform excellent brain research. Applications should include a motivation letter, a curriculum vitae, copies of the school leaving exam and university degrees, lists of university courses with obtained grades, and the names and e-mail addresses of two scientists, who can provide references (do not include reference letters). Please send your application materials in electronic format (ideally in one PDF file) to: [renata.vajda@esi-frankfurt.de](mailto:renata.vajda@esi-frankfurt.de).