Master Thesis projects - Theory of Neural Dynamics Group

The Theory of Neural Dynamics group led by Dr. Tatjana Tchumatchenko at the Max Planck Institute for Brain Research in Frankfurt is seeking highly motivated candidates to conduct their Master’s Thesis on a topic related to the computational and mathematical modelling of neural networks. The goal of the group is to develop models that help us understand the dynamics of large neuronal networks.

Applicants should be enrolled at a University in a Master's degree program (or equivalent) in Physics, Mathematics, Biological Sciences or a related discipline and be in the last years of their studies and interested in conducting Master thesis research in our group. The ideal candidate is enthusiastic about conducting original scientific research and has excellent quantitative and English writing skills, as well as excellent interpersonal qualities and team spirit. The duration of the project is flexible and can span 6-12 months.

The starting date is between 01.03.2020 and 01.06.2020. Please send your application electronically to Dr. Tatjana Tchumatchenko (tatjana.tchumatchenko@brain.mpg.de). It should include a letter of motivation, a CV and a copy of the current academic transcripts.

The Max-Planck Society is committed to increasing the number of individuals with disabilities in its workforce and therefore encourages applications from such qualified individuals. Furthermore, the Max Planck Society seeks to increase the number of women in those fields where they are underrepresented and therefore explicitly encourages women to apply.

For further information on the Theory of Neural Dynamics group, please visit the following website: http://www.tchumatchenko.de/.

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