

PhD and Postdoc positions in Tchumatchenko lab, University of Bonn

My group which is now at the University of Bonn is looking for Master Students, PhD Students and Postdocs

PhD Students or Postdocs interested in understanding how neuronal networks work, how they respond to stimuli and what role connectivity and single neuron dynamics play for the activity of the brain. Though the focus of my research is on the theory side, my lab has close ties to experimentally oriented labs and projects typically involve modelling and data analysis. We are looking for bright and hard-working students with a life-science or quantitative background (physics, math, biology etc).

The following PhD and Postdoc positions are currently open:

- 1) A PhD position in a project exploring the intersection of protein dynamics and machine learning. This involves analyzing the collective motion of multiple receptors in a cell.
- 2) A PhD position in project designing models describing protein dynamics in dendrites and analyzing imaging data
- 3) A postdoc or PhD position in a project addressing the relation between neurological diseases, protein dynamics and network activity.

When applying please attach a CV (with a publication record) and a current copy of academic transcripts and mention at least one academic reference.

For more information, please contact Prof. Tatjana Tchumatchenko via email tatjana.tchumatchenko@uni-bonn.de
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