Join our Group!

Theory Ph.D. position in Neuromorphic computing

The AG Zilberberg group at the University of Konstanz is inviting applications for a graduate student on the project "Coherent phase logic". The successful candidate will contribute to a collaborative and interdisciplinary research Involving nonlinear dynamics, out-of-equilibrium systems, optics, and many-body physics.

Job Description:

The Research Associate will undertake the following responsibilities: Develop algorithms and schemes for harnessing phase logic for parallel computing, as well as employ and augment the theoretical framework describing these systems.

Essential Requirements:

Candidates should hold a M.Sc. (or equivalent) in one of the following areas: Physics with a focus on either quantum optics, solid state, or computational physics.

Applicants must showcase outstanding promise and originality in research. Proven research experience with programming and numerical methods for quantum systems is essential, along with the ability to work independently and collaboratively.

Further Information:

This is a four-year program, and it involves collaboration with a dedicated team of researchers. For more information about the Department of Physics and details about staff benefits, please visit our webpages.

Application Process:
Candidates should submit their applications online here:
https://www.zilberberg.uni-konstanz.de/home/index.php?id=contact&subid=hire

Queries related to the application process can be directed to Yolanda Fischer (Group Administrator) at
yolanda.fischer@uni-konstanz.de

Universität Konstanz