PhD Position
Johannes Gutenberg-Universität Mainz, Germany

We are pleased to announce the opening of a PhD position within the framework of the Emergent AI Center in the TWIST group of Dr. Karin Everschor-Sitte at the Institute of Physics at the Johannes Gutenberg-Universität Mainz. The interdisciplinary research center, funded by the Carl-Zeiss foundation, investigates the topic of Algorithmic Intelligence as an Emergent Phenomenon. The selected applicant will conduct frontier research at the interface of spintronics and unconventional computing such as stochastic computing or reservoir computing. The aim of the project is to develop novel spintronic-based hardware solutions for unconventional computing.

We are looking for a highly motivated student with a background in theoretical techniques in condensed matter physics and knowledge in unconventional computing schemes. Candidates interested and/or experienced in spintronics, magnetization dynamics, the physics of antiferromagnetics or skyrmions, and micromagnetic modelling are highly suited for this opportunity. Programming experience is desired.

The PhD position is for 3 years and the prospective group member must hold a MSc or equivalent diploma. Further information can be found on the websites: https://emergent-ai.uni-mainz.de/ and http://www.twist.uni-mainz.de/

Johannes Gutenberg-Universität Mainz is an equal opportunity, affirmative actions employer in compliance with German disability laws. Women and persons with disabilities are encouraged to apply.

Review of applications begins immediately and will continue until the position is filled. Candidates should send their application electronically containing a motivation letter, CV, Master certificate or official transcript, and a letter of recommendation to kaeversc@uni-mainz.de. When sending applications please use the subject line “Emergent AI PhD position application”.

Dr. Karin Everschor-Sitte
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