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Prof. Dr. Matthias Vojta

Since my master-exam, which I have done by Dr. James Wooten (IBM) and Prof. Warburton I want to do my further studies in the field of quantum physics after the completion of my master's degree.

Always dedicated to becoming a Physicist, I did my Bachelors Degree in Physics at the University of Basel. I was especially interested in theoretical quantum physics, so I focused on that field during my master's degree. In my Master-thesis I researched numerical simulations, and analytical calculations. Especially I did full counting statistics. I worked in Professor Pott's group on theoretical quantum thermodynamics.

Being done with my master's degree, I would now like to further my studies in a PhD Position. I am highly motivated to join MPI for Chemical Physics of Solids in the research and development of Theory of spin liquids to push the boundaries of today's technology and find breakthrough solutions to complex problems. I am fascinated by the infinite possibilities that quantum technology offers in general and want to contribute my knowledge and passion to help shape the future of quantum technology.

I am able to code in Python, Fortran, Java and other programming languages. During my master studies, I had lectures about high energy particle physics and quantum field theory.

I am a very resilient researcher with a high stress tolerance. During my humanitarian aid trips to the Ukrainian war zone, I learned how to keep calm in stressful situations and how to look for the best solution in view of all circumstances.

I am looking forward to hearing from you!

Kind regards,

Sander Stambach

