

# Simon Klüttermann

psorus.de | Simon.Kluettermann@rwth-aachen.de | +4915779789970 | Github | Extended CV

## Grappa

Science Park 904  
Amsterdam 1098XH

January 7, 2021

Dear Dr. Weniger,

i am currently looking for a PHD position, and the one you advertise here might be the most interesting I have seen yet. The thing that might fascinate me the most, is the idea of a young group with many computer skilled members of similar work. And working this way, while still satisfying my interest makes me very much interested!.

Using the knowledge and skills I have acquired in my master studies combined with my technical abilities I believe I can provide significant value to your research while providing me invaluable experience to prepare me for my future career. Even though I have been fascinated by dark matter searches for a long time, I think my more important skill lies in the machine learning part of your job offer, and the bias-less searches this can provide. In own projects, my coursework and my theses, I have applied knowledge of machine learning and especially anomaly detection to finding new physics symptoms. Next to my familiarity with tensorflow and keras, I also have experience with genetic programming and statistics. A more complete list of my interests can be seen in my CV. Combining these tools with my physical background, I hope to be able to help your group answering some interesting questions.

Thank you for reading my cover letter and for considering me for this position.

Sincerely,



Simon Klüttermann

(SIGNATURE NEEDS TIME TILL ABOUT THE WEEKEND....)