

Douala, 28 February 2020

Dear Sir,

I am writing to you to registration and to present my motivations for Summer School on Effective HPC for Climate and Weather. The excellent reputation of your institute in the area of Atmospheric Science and your advanced knowledge in HPC, gives me a strong desire to do this summer school on this institute if given the chance.

I have a general undergraduate and graduate certificates in physics. I equally completed my Master in atmospheric physics in July 2017 in the University of Yaounde 1, Cameroon. My research project was entitled "Evaluating Precipitation Forecasts in Cameroon and Its Surroundings Using the Weather Research and Forecasting (WRF) Weather Prediction Model". This work consisted of simulations for all convective schemes that were available in WRF version 3.7 to determine which was the most accurate for precipitation predictions in our study area.

Indeed, I am a student registered in the first year of a Doctorate thesis at the University of Yaounde 1 in Cameroon and my research theme is: "Assimilation of Meteorological Data from the WRF Regional Model: Applications to Disaster Risk Reduction of Hydro-meteorological Origin in Central Africa ". given the robustness of the simulation calculations to be made, a partnership has been established between the University of Yaounde 1 and the ECCAS Climate and Prediction Center (CAPC-AC) where I am also a trainee in numerical weather predictions through the project SAWIDRA-AC since 01 April 2019 who plans to acquire an HPC in a short time.

My academic background gave me skills in programming (Python, Fortran, Matlab, R, etc.) and experience in large spatial datasets using NCL on multiple computer platforms (Unix/Linux, Windows).

I hope to have convinced you and would be delighted to have the opportunity to do this summer school. Attached to this is a copy of my CV with detail information about my qualifications and my transcripts. My immense and profound motivation for doing this summer school could make a valuable contribution to this summer school.

Thanks for your consideration and approval. I am looking forward to hearing from you and learning more about this interesting opportunity.

Yours Sincerely,

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