

NIMON POWEREOU

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To
2020 ESiWACE Summer School Committee

Dear Sir/Madam,

REF: Letter of Motivation

I write to apply to a Summer School on Effective HPC for Climate and Weather.

I am PhD student in Meteorology and Climate Science at Federal University of Technology of Akure, Nigeria within WASCAL program. I have a Master degree in Meteorology at Nanjing University of Information Science and Technology in China and Master and Bachelor degree in physics at University of Lomé in Togo.

My PhD's work is focusing on Understanding Diurnal rainfall Variation across Western Africa: Observation Analysis and Model Simulation. One of the objective of this work is to evaluate the ability of a regional, convection-permitting Weather Research and Forecast (WRF) model to reproduce the diurnal cycle of rainfall over the study region and capture the underlying physical processes.

This Summer School on Effective HPC for Climate and Weather that you offer, satisfies my research interests. My choice is based on the certainty that the skills I will gain from this program will be very helpful to me during my PhD study.

Hoping that my application will get your attention, I am at your disposal for any further information.

Yours faithfully,