

Numerical Weather Prediction Unit,
Nigerian Meteorological Agency,
Abuja, Nigeria.

6th March, 2020.

The Coordinator,
University of Reading,
UK.

Dear Sir,

APPLICATION FOR SUMMER SCHOOL ON EFFECTIVE HPC FOR CLIMATE AND WEATHER

With reference to your recent advert, I hereby apply for the Summer School on Effective HPC for Climate and Weather in your institution.

I am a Meteorologist and Researcher at the Numerical Weather Prediction Unit of the Nigerian Meteorological Agency, involved in Operational Forecasting, management and troubleshooting of Regional Climate Models; COSMO model (Consortium of Small Scale Modelling). I had attended WMO Class 1 programme at Regional Centre, Nigeria where I acquired practical experience in all aspect of meteorology operational such as measurement and re-setting of instrument for data acquisition in the enclosure, applied meteorology (Agriculture, Marine, and Aviation), atmospheric dynamic and forecasting. I have a Bachelor of Science in Physics and a Master's degree in Meteorology. I am waiting for my PhD admission to further my career development.

I have worked on evaluation of convective storms on my master's thesis title; 'Sensitivity of Five Cumulus Schemes in Simulating West African Mesoscale Convective Systems Characteristics' using Weather Research and Forecasting (WRF) model. I have team up with colleagues to write a paper on 'Evaluation of Cosmo Model Precipitation Forecast for Heavy Rainfall Events Over Nigeria'. I am highly discipline, hardworking, teamwork and thorough-bred individual with promising future. In order to run long time simulation of weather model the use of Cluster is necessary and I have little or no knowledge of this.

Being admitted for this program affords me the opportunity to make a globally acceptable and relevant contribution to scientific and technical developments and will definitely develop and give rapid career progress and also improve forecast in Nigerian Meteorological Agency at the end of the School.

Thanks, in anticipation of your favorable response.

Yours faithfully,

ALABI, BENJAMIN OLUWASOLA