**How the Autumn Academy will benefit my PhD Study and Research**

I would benefit from this course because although I have experience in designing and implementing efficient and effective code, much of my work next year will require extensive use of HPC facilities, which I have no experience in. Therefore, the autumn academy would provide an ideal opportunity to become accustomed to new techniques and concepts in a structured learning environment, so that I’m better prepared for beginning my research and study.

I have experience in programming in both python and C, but have no experience of using Fortran, the language used in the research group I am entering. I would thus benefit from the course structure of teaching in both Fortran and C, as it would provide an opportunity to begin learning Fortran, but also be able to use C if necessary.