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Who am 1?



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- Senior research fellow at EPCC
- Lecture on EPCC's MSc in HPC
- EPCC's representative on the OpenMP ARB



Access to Cirrus



- Your Cirrus tc054 project accounts
 - Small amount of budget
 - Accounts will be closed a few weeks after course ends: all files etc. will be deleted
 - Take copies of all your work beforehand!
- Course materials (slides, exercises etc) available from GitHub repo
 https://github.com/EPCCed/MetOfficeTrainingDec23
 - This will not be deleted after the course!



Timetable – Monday



- 12:00 13:00 Lectures: Overview, Concepts
- 13:00 14:00: Lunch
- 14:00 15:30 Lectures: Introduction to OpenMP, Parallel regions
- 15:30 16:00 Break
- 16:00 17:00 Practical session

Timetable – Tuesday



- 09:30 11:00 **Lectures**: Worksharing, Synchronisation
- 11:00 11:30 Break
- 11:30 13:00 Practical session
- 13:00 14:00 Lunch
- 14:00 15:00 Lectures: Further Topics, Tips, Tricks and Gotchas
- 15:30 16:00 Break
- 16:00 17:00 Practical session



Timetable – Wednesday



- 09:30 11:00 **Lecture**: Performance
- 11:00 11:30 Break
- 11:30 12:00 Practical session / consultancy



Practical exercises source code



To download the source code for the practical exercises, make sure you are in your **work** directory on Cirrus, then use the following command:

```
cp /home/z04/shared/MetO_OpenMP.tar .
tar xvf MetO_OpenMP.tar
```



I hope you enjoy the course







• ... and *please ask questions*!

