

# INTRODUCTION TO OPENMP

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CCFE

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# Timetable

- 09:30 LECTURE: Introduction to OpenMP.
- 10.15 PRACTICAL: HelloWorld.
- 11.00 BREAK.
- 11.15 LECTURE: Parallel Regions.
- 12.15 PRACTICAL: Mandelbrot.
- 13.00 BREAK: Lunch.
- 14.00 LECTURE: Work Sharing
- 14.45 PRACTICAL: Image processing.
- 15.30 BREAK.
- 16.00 LECTURE: Parallel Loops and synchronisation.
- 16.40 PRACTICAL: Goldbach
- 17.30 CLOSE.



# Learning Outcomes

- The aims of this course are to:
  - Understand shared memory programming.
  - Write, compile, and run OpenMP programs.

