

# Software Development

---

Course Opening

**EPSRC**

**NERC** SCIENCE OF THE ENVIRONMENT

 **archer**

**CRAY**  
THE SUPERCOMPUTER COMPANY

**epcc**



# Overview

- Welcome
- What the course is and is not
- Timetable



# Welcome

- Software Development
  - A 2 Day Course
  - Run by EPCC
  - Alistair Grant, Mike Jackson, Nick Johnson
- An interactive course
  - Ask Questions
  - Even Answer Questions



# What it is and is not

- This course is
  - Going to cover major important topics
  - Practical exercises
  - Based on experience and theory
  - Hopefully spark questions
  - Maybe challenge assumptions
- This course is not
  - Going to teach you how to code or program like an expert
  - Dictate how you should do things
  - Let you sit and do nothing



# Topics and Timetable: Day 1

- Now-1030: Process, Teams and Comms
- 1045-1200: Design Issues, Requirements Capture
- 1200-1300: Lunch
- 1300-1330: Continuation
- 1330-1515: Planning and Risks
- 1530-1700: Prototyping and Usability



# Topics and Timetable: Day 2

- 0900-1030: Testing
- 1045-1200: Code Work
- 1300-1515: Code Work 2
- 1530-1630: Looking back and learning (Projects)
- 1630-1700: A few issues in SD



# Questions

- Any Questions?

