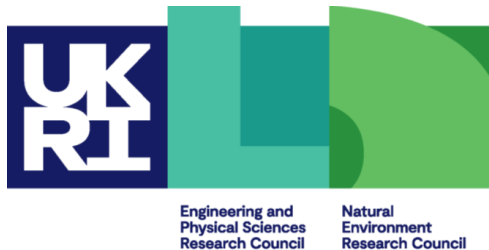


# ARCHER2 Training Courses

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## General Overview



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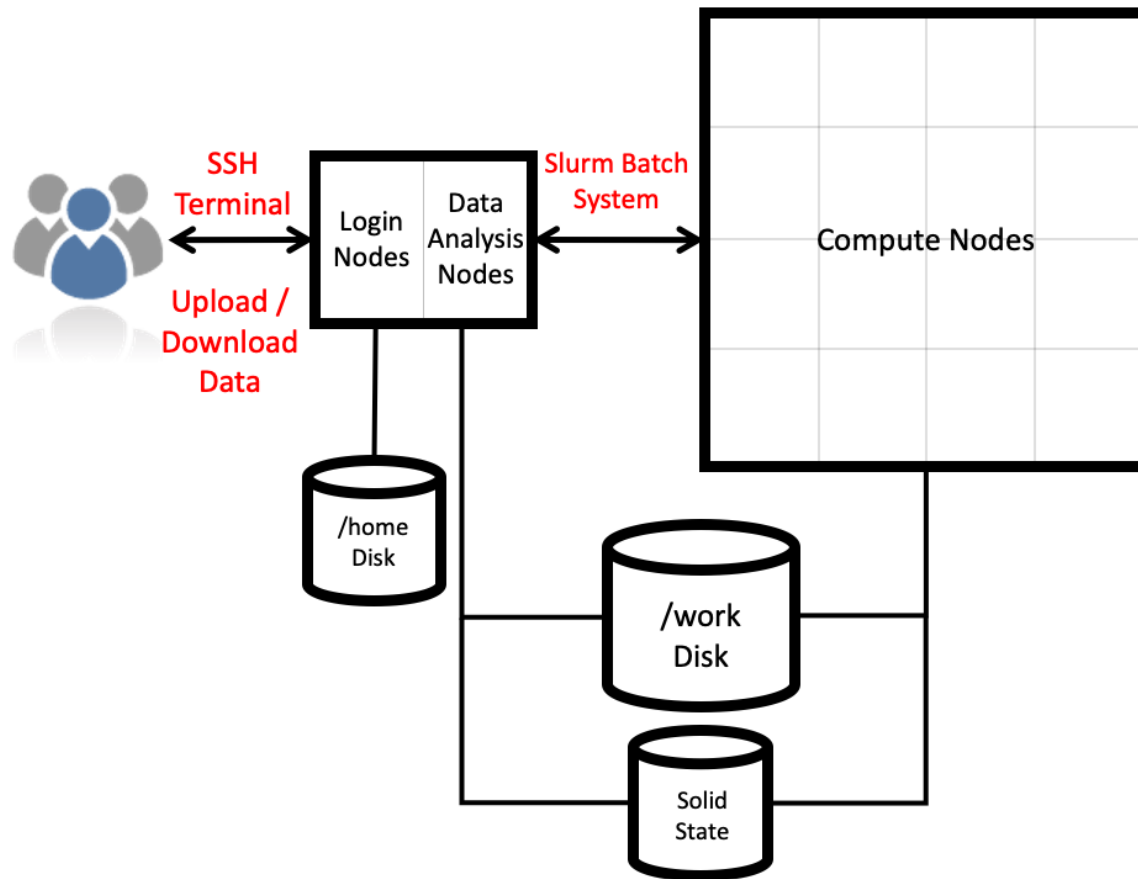
- New UK National Supercomputer Service
  - managed by UKRI/EP SRC
  - to be housed, operated and supported by EPCC
  - hardware supplied by Cray
- Training provided by the ARCHER2 Computational Science and Engineering (CSE) support team
  - 60 days per year at various locations
  - free to all academics



# ARCHER2@ACF



# ARCHER2 architecture



# ARCHER2 hardware / software setup

- 5,860 compute nodes each with 128 AMD CPU-cores
  - made up of 2x64-Core AMD multicore processors
  - more than 750,000 CPU-cores!
- Batch access via SLURM: sbatch, squeue, ...
- Two file systems – you have two directories:
  - /home/project/project/username
  - /work/project/project/username
- You must run all parallel jobs from /work/
  - I recommend you “cd” straight there every time you log in
- Reserved queues today for fast turnaround

