

# HPC Scheduling

A summary of scheduler use across sites  
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# Schedulers Used

- Schedulers

- Gridengine (SGE)

- Sun of Grid engine (SoGE)

- Open Grid Scheduler (OGS)

- Univa GridEngine (UGE) - Commercial

- Loadleveller

- LSF

- PBS

- Slurm

- Torque

# Notes

- More than one scheduler at a site
  - Different clusters
    - Same or different team
  - Migration
- Data collected as a “Who to talk to about scheduler X”

# Gridengine

- Edinburgh (OGS0)
- Hartree (also LSF, SGE, Slurm)
- Lancaster (SoGE)
- Leeds (SoGE)
- LSE (SGE) – considering Slurm/moab
- Manchester (Gridengine)
- QMUL (SGE/UGE), (GridPP: Slurm)
- QUB: Torque/Maui → SGE
- Strathclyde (OGS)
- Sussex (UGE)
- UCL (SoGE, also PBS pro)

# Loadleveller, LSF, PBS

- Loadleveller
  - STFC (Daresbury) (Also LSC, Slurm, SGE)
- LSF
  - STFC (see above)
  - UEA
  - Hartree (Also LSF, SGE, Slurm)
- PBS
  - Cranfield

# Slurm

- Bath
- Crick
- Hartree (also LSF, SGE)
- Hull
- Loughborough
- QMUL-GridPP (ITSR SGE->UGE)
- STFC-Daresbury (also LSF, loadleveller, sge)
- Warwick (Slurm/Slurm, Moab/Slurm, Moab/Torque)

# Torque

- Birmingham (Torque/Moab)
- EPCC (Torque/Maui, pbspro (free))
- Leicester (Torque/Moab)
- QUB (Torque/Maui and SGE)
- Southampton (Torque/maui , Torque/Moab (newer))