

HECToR DCSE Workshop

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Distributed CSE Status

- 17 projects currently running
- 36 projects completed
- 8 projects waiting to start
- More than 53 years of effort allocated so far
- <http://www.hector.ac.uk/cse/distributedcse>

Codes Benefiting from DCSE

- ACPIM
- CABARET
- CASINO
- CASTEP
- CARP
- ChemShell
- CITCOM
- Code_Saturne
- Conquest
- CP2K
- CRYSTAL
- DL_POLY_3
- EBL
- GAMESS-UK
- GLOMAP
- GS2
- HELIUM
- Fluidity-ICOM
- Incompact3d
- LEM
- MRBV
- NEMO
- OpenFoam
- ParaFEM
- PRMAT
- SPRINT
- SS3F
- SWT
- WRF

HECToR Phase 3



- Update to latest AMD Interlagos Processor
- Additional 10 cabinets
- 827 TF peak Performance
- Expected in service early 2012

Workshop Objectives

- Focus on Computational Science and Engineering
- Share experiences
- Identify common issues and solutions
- Strengthen HPC in the UK