

Computational support for supercomputer service passes 50 person years.

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The Numerical Algorithms Group (NAG) announced today that a total of fifty person years of expert skills have now been allocated for computational science and engineering projects associated with the UK National Supercomputing Service, HECToR.

NAG manages this service as a distributed resource by placing skilled individuals and teams at the subject specialists' offices or university sites. The service is known as dCSE (distributed Computational Science and Engineering support). This approach has improved both knowledge transfer from HPC experts to system users and the effectiveness of each project.

Tens of projects have already taken advantage of the service. The projects have helped with software development to increase code performance and/or utility, and hence to deliver further science.

For example the computational support has helped: to port codes onto HECToR, in particular with new software or enabling previously unsupported features in existing software; to improve the performance of software on HECToR; to re-factor software for improved long-term maintainability; and to take advantage of algorithmic improvements in the field of high-performance computing.