

# Announcement

First SCAT European Workshop:  
“Advanced Computational Research”  
26-30 June 2006.

## Location:

Daresbury Laboratory, in Cheshire, U.K.

### *Have you heard of the Cheshire cat?*

Daresbury Village's claim to fame is in being the birthplace of the writer Lewis Carroll, author of “Alice in Wonderland”. In the village, the tall tower of the Van de Graaff accelerator is a local landmark. This forms part of the Daresbury Laboratory which was established in 1962. It ranks as the second largest of the Research Council's United Kingdom laboratories.

## Theme and Scope:

*The focus of this meeting is on computational modelling leading to scientific discovery.*

- 1) In the applications domain, this meeting will focus on the scientific problems of interest to the partners of the SCAT project. Each participant will be asked to bring a problem that they are working on. In a workshop format, we will discuss the computational challenges of these problems, such as how to best implement an application code in an appropriate architecture. If a code exists, we may discuss how to get it instrumented, how to use profiling and performance tools, or how to increase efficiency.
- 2) In the technology domain, there will be specialized lectures in the topics of cluster computing, parallel computing, profiling and performance tools, scientific libraries. There will also be talks given by selected vendors of high-performance computing equipment and services.

## Participants:

SCAT project members:

*Two fully-funded participants from each institution.*

Instituto Nacional de Matemática Pura e Aplicada, Rio

Universidad Nacional Autónoma de México

Universidad Técnica Federico Santa María

Universidad de Chile, Depto. de Física

University of Bristol

Universitat Politècnica de Catalunya

LMM, Université Pierre et Marie Curie

École Supérieure de Physique et Chimie

Industrielles de Paris, ESPCI.

Institut de Recherche sur Phénomènes

Hors Équilibre, IRPHE, Marseille.

## More information:

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