



BCS EDINBURGH BRANCH

Wednesday 14th March 2001 at 6.45pm

Branch Meeting

Quantum Computation (the most massively parallel processor?)

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Quantum computation has been hailed both as a method of unimaginably increasing computing resources and as a means of understanding certain aspects of the quantum theory itself. As a means of computation there are both theoretical and technological problems in abundance. It is difficult to build and operate quantum gates (especially in any manner that appears scalable) and it is not easy to see how such gates can give a large performance increase over anything other than a small range of problems. Despite this, interest in the subject is high, and the possibilities for demanding new research are good in both the engineering and computer science communities.

**Please note change of venue
and starting time.**

Venue

**Apex European Hotel
Haymarket Terrace, Edinburgh**

NON-MEMBERS ARE WELCOME