

The Impact of Supercomputers on Chemistry

This international conference was held at the University of London, April 13-16, 1987.

The conference was hosted by the University of London Computer Centre; the organising committee were J. Altmann, Secretary (ULCC), C. R. A. Catlow (University of Keele), N. C. Handy (University of Cambridge), M. A. Robb, Chairman (University of London), V. R. Saunders (Science Research Council, UK), K. Singer (University of London).

The purpose of the conference was to deal with all aspects of large scale computation using supercomputers - chemical applications and methodology. The following areas were covered: electronic structure theory; simulation of condensed matter; molecular collision processes; molecular mechanics; simulation of biological systems; industrial applications; protein crystallography; spectroscopy.

Over 70 lectures and posters were presented. Those attending included representatives of the following computer companies, each of whom gave presentations and demonstrations: Meiko Ltd, Amdahl (UK), Cray Research (UK), Floating Point Systems (UK), Convex Computer, Control Data, IBM Corporation, Scientific Computer Systems, Siemens AG, Chemical Design, ETA Systems, and Intel International.

N. C. Handy, Cambridge

List of participants

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