

Announcement

Relativistic and Electron Correlation Effects in Molecules and Solids

NATO Advanced Study Institute

Vancouver, British Columbia, Canada

August 10–21, 1992

Director: G. L. Malli, Simon Fraser University

Organising committee: E. R. Davidson (USA), N. C. Handy (UK),
G. L. Malli (Canada), A. Veillard (France)

Objective: The dissemination of currently available advanced theoretical and computational methodologies for treating relativistic and electron correlation effects in molecules and solids amongst the scientists of NATO countries.

Lectures:

- I.* Relativistic and electron correlation effects in molecules and solids
K. G. Dyall (USA), W. C. Ermler (USA), B. Hess (Germany), G. L. Malli (Canada), W. C. Nieuwpoort (Netherlands)
- II.* State-of-the-art treatment of electron correlation in molecules
E. R. Davidson, M. Dupuis (USA), N. C. Handy (UK), H. A. Jensen (Denmark),
R. P. Messmer (USA), J. Paldus (Canada), R. Shepard (USA)
- III.* Electron Correlation in molecules and clusters of transition metals
D. R. Salahub (Canada), A. Veillard (France)
- IV.* Unitary group and coupled-cluster methods for electron correlation in molecules
J. Paldus (Canada), R. Shepard (USA)

Language: The official language of the Institute will be ENGLISH.

Participants: The Institute is intended to be at the postdoctoral level, and is open to postdoctoral fellows, University faculty members, government or industrial researchers, etc. Attendance will be limited mostly to scientists who are citizens and/or permanent residents of NATO countries. A few scientists from Central and Eastern European countries may be permitted to attend through special permission from NATO.

Room and board: Lodging will be at the Gage Residence (Dormitory) Complex of the University of British Columbia. Room and board cost is about Can. \$60 per night.

Financial support: Limited support for travel and/or room and board will be available on a competitive basis to defray part of the expenses of participants from NATO countries and a few scientists from Central and Eastern European countries.

Application: Those wishing to attend should send a letter to the following address by **March 15, 1992:**

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