

CURRICULUM VITAE

Volker HEINE

Date of Birth:	19th September 1930	
School:	1944-47	Wanganui Collegiate School, New Zealand
Degrees:	1948-53	M.Sc. (Maths: 1st class hon.) Dipl. Hons. (Physics: 1st class), University of Otago, New Zealand
	1954-56	Ph.D. Cambridge University
Employment:	1956-57	Research Associate, University of California, Berkeley
	1957-58	ICI Research Fellow, Cambridge University
	1958-63	Demonstrator, Cambridge University
	1963-70	Lecturer, Cambridge University
	1970-76	Reader, Cambridge University
	1976-97	Professor of Physics, Cambridge University
	Since 1960	Fellow of Clare College, Cambridge
	Since 1997	Retired
Honours:	1972	Maxwell Medal, Institute of Physics
	1993	Royal Medal of the Royal Society, London
	1994	Paul Dirac Medal of the Institute of Physics
	1974	Fellow of the Royal Society
	1981	External Member of the Max Planck
Gesellschaft	1969	Fellow of the (UK) Institute of Physics
	1987	Fellow of the American Physical Society
Visiting Positions:	1965-66	Visiting Professor, University of Chicago
	1970-71	Visiting Scientist, Bell Laboratories, USA
	1975	Visiting Professor, University of Texas at Austin
	1980	Visiting Professor, University of Toronto
	1992	Visiting Professor, Bank of Bilbao Foundation, Spain
	Since 1981	Max Planck Inst. Festkörperforsch., Stuttgart

Research Activities:

Over 200 research papers, several review articles and one text book (on the use of group theory).

Many papers concern the theory and calculation of the electronic structure of solids including surfaces, with particular emphasis on aspects of interatomic bonding and structure. More recently there has been a growing involvement with computer simulation for understanding solids. Much of the last 20 years have been taken up with various collaborations with mineralogists to apply physics ideas and techniques to silicates.