

## CV for Maurice V. Wilkes

**Present address: Computer Laboratory, University of Cambridge.**

Born: 26 June 1913 in Dudley, Worcestershire, England.  
BA: 1934; MA: 1936; PhD: 1937.

Undergraduate studies at St. John's College, Cambridge, 1931-1934.

Research in experimental physics at the Cavendish Laboratory, Cambridge University, 1934-7.

University Demonstrator in the Mathematical Laboratory, Cambridge University, 1937.

War service: Radar Engineering and Operational Research, 1939-45.

Head of Computer Laboratory (formerly called Mathematical Laboratory), Cambridge University, 1945-80.

Professor of Computer Technology, 1965-80; now Emeritus Professor.

Fellow, St John's College, Cambridge, 1950 to present.

Senior Consulting Engineer, Digital Equipment Corporation, Maynard, Massachusetts, USA, 1980-86

Adjunct Professor of Electrical Engineering and Computer Science, MIT, 1981-85.

Member of Council, Association for Computing Machinery, 1991-94

Member for Research Strategy, Olivetti Research Board, 1986-89

Staff Advisor on Research Strategy, Olivetti and Oracle Research Laboratory (ORL), Cambridge (England), 1989-1999.

Staff Consultant, AT&T Laboratories, Cambridge (formerly, Olivetti and Oracle Research Laboratory (ORL)), 1999 to 2002.

Fellow, Royal Society, 1956.  
First President, British Computer Society, 1957-60; Distinguished Fellow, 1973.  
Foreign Honorary Member, American Academy of Arts and Sciences, 1974.  
Fellow, Royal Academy of Engineering, London, 1976.  
Foreign Associate, US National Academy of Engineering. 1977.  
Foreign Corresponding Member, Royal Spanish Academy of Sciences, 1979.  
Foreign Associate, US National Academy of Sciences, 1980.  
Foreign Corresponding Member, Spanish Academy of Engineering, 1999.  
Honorary Freeman, The Worshipful Company of Scientific Instrument Makers, 2000.

Turing Lecturer, Association for Computing Machinery, 1967.

Harry Goode Memorial Award, American Federation for Information Processing Societies, 1968

Eckert-Mauchly Award, Association for Computing Machinery and IEEE Computer Society, 1980.

IEEE Computer Society Pioneer Award (Charter Recipient), c1980.

McDowell Award, IEEE Computer Society, 1981.

Faraday Medal, IEE, London, 1981.

Pender Award, University of Pennsylvania, 1982.

C&C Prize, Tokyo 1988.

ITALGAS Prize for Computer Science, Turin, 1991.

Kyoto Prize, Japan, 1992.

Fellow of the Association for Computing Machinery, 1994.

Von Neumann Medal, IEEE, 1997.

(with T. Kilburn) Mountbatten Medal, National Electronics Council, London, 1997.

Knighthood, 2000.

Fellow, Computer Museum, 2001

*Honorary Degrees:* Newcastle-upon-Tyne, Hull, Kent, City of London, Bath, Amsterdam, Munich, Linköping, Cambridge University, University of Pennsylvania,

*Books:*

Oscillations of the Earth's Atmosphere, 1949.

Preparation of Programs for an Electronic Digital Computer (joint), 1951; second edition, 1958.

Automatic Digital Computers, 1956.

A Short Introduction to Numerical Analysis, 1966.

Time-sharing Computer Systems, 1968; third edition, 1975.

The Cambridge CAP Computer and its Operating System (joint), 1979.

Memoirs of a Computer Pioneer, 1985.

Computing Perspectives, 1995.