

RESUME - IVOR CATT

IVOR CATT
"HARTS-RING"
17 KING HARRY LANE
ST. ALBANS, ENGLAND
Tel: (0727) 84368

Personal.

Born - 19 December 1935, Plymouth,
England.

Married to Freda Mansfield Catt, LL.B.

Four children. One graduate in Economics from Sussex Univ.

One studying Physics at Sussex University.

One sixteen year old daughter.

One one year old daughter.

My wife and I are British citizens.

Employment Experience:

- Feb 1961 - Principal Lecturer, Watford College. I lecture on electrical engineering, computer hardware and computer software.
- 1973 - 81 Contract Engineer at Marconi Space and Defence Systems Ltd. Design work on underwater weapons. (Electromagnetic Compatibility).
- 1973 Consultant to Ichthus Instruments Ltd. Design of new microelectronic computer architectures.
- 1977 Contract Engineer at S.T.L. (I.T.T. Harlow). Design of a new telex exchange.
- 1974 - 77 Contract Engineer at Marconi Elliott Avionics working on design of M.R.C.A. Tornado and A.E.W. Nimrod airborne radar signal processing.
- 1974 Working for C.A.M. (Computer Associative Modules Ltd.), a company formed to exploit my C.A.M. invention.
- 1973 Working on the C.A.M. invention. British Patent No. 1377859.
- 1972 Writing books and lecturing. Visiting lecturer to the University of Washington, St. Louis, Missouri, and the Gesellschaft fuer Mathematik und Datenverarbeitung, Bonn, Germany.
- 1968 - 71 Research and Development at Computer Technology Ltd., Hemel Hempstead, Herts.
- 1968 Work on the design of real time systems at Bunker Ramo, Stamford, Conn., U.S.A.
- 1967 - 68 Engineering Section Head with Sperry Semiconductor, Norwalk, Conn. In charge of group researching into Large Scale Integration.
- 1964 - 67 Member of the Department for Integrated Circuit Research and Development at Motorola Semiconductor Products, Phoenix, Arizona. I worked on problems involved in interconnecting very fast (1 nsec.) logic elements.
- 1959 - 62 Computer Development Engineer, R&D Labs., I.C.L. (Ferranti) Ltd., Manchester, England. Design of computers.
- 1955 - 56 Graduate Apprentice with Joseph Lucas Ltd., Birmingham.

IVOR CATT RESUME - SECOND PAGE

IVOR CATT
"HARTBRIDGE"
17 KING HARRY LANE
ST. ALBANS, ENGLAND
Tel: 04753 84386

Publications.

Books.

- DIGITAL HARDWARE DESIGN, pub. Macmillan, London, 1975
DIGITAL ELECTRONIC DESIGN VOLS. 1 and 2, pub. C.A.I.I.
Publishing, 1978 and 1979
ELECTROMAGNETIC THEORY, VOLS. 1 and 2, pub.
C.A.M. Publishing, 1979 and 1980
COMPUTER WORSHIP, pub. Pitman, London, 1974.
Also Yugaku-sha Ltd., Tokyo, 1975
THE CATT CONCEPT, pub. Putnam, New York, 1971;
Hart-Davis, London, 1972; Stock, Paris, 1972;
Econ. Verlag, Germany, 1972; Garzanti, Italy, 1974;
Diamond, Tokyo, 1972

Articles.

- CROSSTALK (NOISE) IN DIGITAL SYSTEMS, IEEE Trans. on
Electronic Computers, Dec. 1967, pp743-763.
A HIGH SPEED INTEGRATED CIRCUIT SCRATCHPAD MEMORY,
Fall Joint Computer Conference, November 1966.
WAFER-SCALE INTEGRATION - A FAULT-TOLERANT PROCEDURE,
IEEE Journal of Solid-State Physics, Vol. SC-13,
No. 3, June, 1978. Authors Aubusson and Catt.
TIME LOSS THROUGH GATING OF ASYNCHRONOUS LOGIC SIGNAL
PULSES, IEEE Trans. on Electronic Computers, Feb. 1966.
Articles in WIRELESS WORLD. June and Sept. 1978.
DISPLACEMENT CURRENT, Dec. 1978. HISTORY OF
DISPLACEMENT CURRENT, March 1979. THE HEAVY-SIDE
SIGNAL, July 1979. MAXWELL'S EQUATIONS REVISITED,
March 1980. WAFER-SCALE INTEGRATION, July 1981.
THE DEATH OF ELECTRIC CURRENT, Dec. 1980.
THE NEW BUREAUCRACY, Dec. 1982
DINOSAUR AMONG THE DATA?, New Scientist, 6 March 1969.
A series of five articles in THE SPECTATOR, Feb. 2 to
March 2, 1974.
MANAGEMENT AGAINST INNOVATION, The British Business
Graduate's Association Journal, Vol VI No. 2, summer 1976
THE RISE AND FALL OF ROBIES OF KNOWLEDGE, The
Information Scientist, Dec. 1978.
THE SCIENTIFIC RECEPTION SYSTEM AS A SERVOMECHANISM,
Journal of Information Science 2 (1980) pp307-308
LES ORDINATEURS? UN VASTE BLUFF, Paris-Match, 15 Juin 1975.
A SOUTH SEA BUBBLE ABOUT TO BURST? Computer Weekly, Nov 3,
1977

Education.

Trinity College, Cambridge University, England.
1956 to 1959. Also some courses at U.C.L.A., 1963 and 64

Qualifications

M.A. (Honours Cantab.), Engineering Tripos, Cambridge
University. State Scholarship in Mathematics at
17 years of age.

National Service.

R.A.F. 1953 to 55. Airframe Fitter. Served in Germany.

Interests.

Member of Halle Choir and of C.U.N.S.
Soccer - secretary for Trinity College, Cambridge.