

AccessionIndex: TCD-SCSS-V.20160929.002

Accession Date: 29-Sep-2016

Accession By: Prof.J.G.Byrne

Object name: Pioneers of Computing, a series of 60-minute sound recordings

Vintage: c.1976

Synopsis: London Science Museum, boxed set of 10 cassette tapes, interviews with:

(1) D.W.Davies, (2) K.Zuse, (3) J.P.Eckert, (4) J.W.Forrester, (5) T.Kilburn, (6) J.M.M.Pinkerton, (7) F.C.Williams, (8) J.W.Mauchly, (9) A.D.Booth, (10) J.H.Wilkinson.

### **Description:**

This is a set of the first ten of twenty recorded interviews of pioneers of computer science made by the London Science Museum [1] in 1976. The recordings are on standard consumer-grade cassette tapes in a black plasticised box.

The interviews are of:

- (1) **Donald Watts Davies** (1924-2000), UK, (re-)inventor in 1965 of network packet switching.
- (2) **Konrad Zuse** (1910-1995), Germany, inventor of Z1 computer (1938), Z2 (1940), Z3 (1941), and Z4 (1950).
- (3) **John Adam Presper Eckert** (1919-1995), USA, co-inventor from 1943-45 of the ENIAC computer, and in 1951 of UNIVAC computers.
- (4) **Jay Wright Forrester** (1918-), USA, inventor in 1953 of the dominant form of core memory, the first type of random access memory.
- (5) **Tom Kilburn** (1921-2001), UK, co-inventor in 1946 of Williams–Kilburn store, and in 1948 of the first working stored-program computer (SSEM).
- (6) **John Maurice McClean Pinkerton** (1919-1997), UK, the pivotal engineer for J.Lyons LEO computers introduced from 1951 based on Cambridge's EDSAC.
- (7) **Frederic Calland Williams** (1911-1977), UK, co-inventor in 1946 of Williams–Kilburn store, and in 1948 of the first working stored-program computer (SSEM).
- (8) **John William Mauchly** (1907-1980), USA, co-inventor from 1943-45 of the ENIAC computer, and in 1951 of UNIVAC computers.
- (9) **Andrew Donald Booth** (1918-2009), UK, who in 1947 pioneered magnetic drum memory for computers, and invented Booth's multiplication algorithm.
- (10) **James Hardy Wilkinson** (1919-1986), UK, Turing's assistant on ACE at NPL, led Pilot-ACE (1950), and a pioneer of numerical analysis using computers.

The full set of the London Science Museum interview series is also in the Stanford University Libraries [2]. The second ten recordings were of: (11) A.W.Burks, (12) S.Ulam, (13) H.D.Huskey, (14) R.Slutsky, (15) M.H.A.Newman, (16) T.H.Flowers, (17) A.W.M.Coombs, (18) C.C.Hurd, (19) Grace Hooper, (20) A.Porter.

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The homepage for this catalog is at: <https://www.scss.tcd.ie/SCSSTreasuresCatalog/>  
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Accession Index	Object with Identification
<a href="#">TCD-SCSS-V.20160929.002</a>	London Science Museum, 'Pioneers of Computing, a series of 60-minute sound recordings', boxed set of 10 cassette tapes, interviews with: (1) D.W.Davies, (2) K.Zuse, (3) J.P.Eckert, (4) J.W.Forrester, (5) T.Kilburn, (6) J.M.M.Pinkerton, (7) F.C.Williams, (8) J.W.Mauchly, (9) A.D.Booth, (10) J.H.Wilkinson, copyright London Science Museum, 1976.

#### References:

1. London Science Museum, see:  
<http://www.sciencemuseum.org.uk/>  
Last browsed to on 29-Sep-2016.
2. Stanford University Libraries, 'Pioneers of Computing', London Science Museum sound recordings, 20 sound cassettes and a booklet, 1976, see:  
<https://searchworks.stanford.edu/view/4146833/>  
Last browsed to on 29-Sep-2016.

*Figure 1: Pioneers of Computing*  
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*Figure 2: Pioneers of Computing*  
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