

CAKES TO COMPUTERS



LEO THE WORLD'S FIRST BUSINESS COMPUTER



Barnett Salmon



Isidore Gluckstein



Montague Gluckstein



Joseph Lyons

1887: Queen Victoria's Golden Jubilee Year

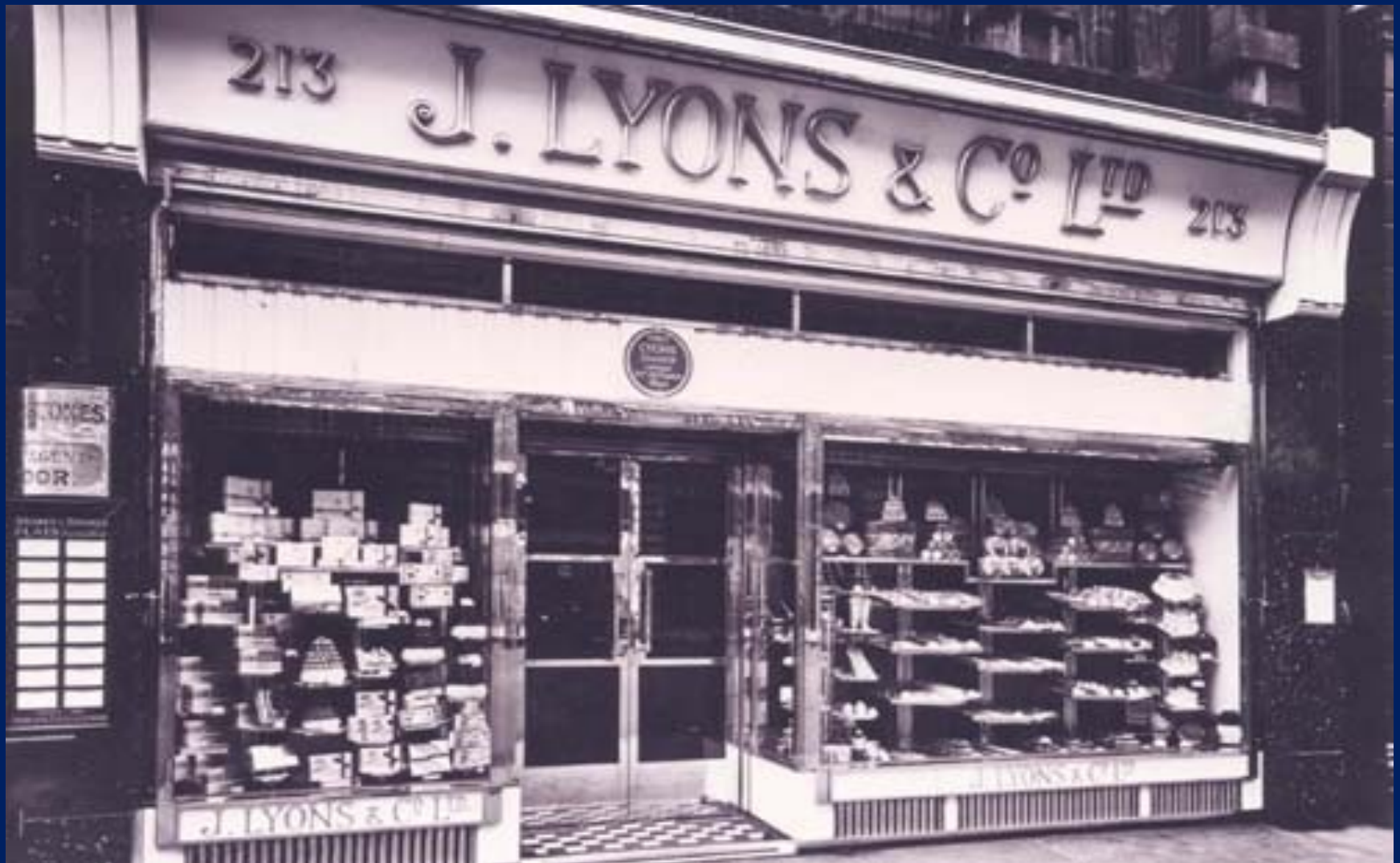


Newcastle Jubilee Exhibition



Grand Hall, Olympia

213 Piccadilly, The First Lyons Teashop (1894-1976)



The Trocadero 1896-1965



The Lyons Corner Houses



Coventry Street 1909-70



The Strand 1915-77



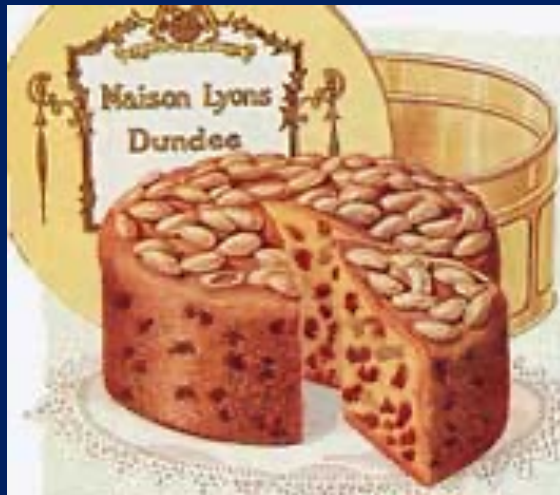
Oxford Street 1928-67



Marble Arch 1933-77

Nippy Waitresses Preparing Tables

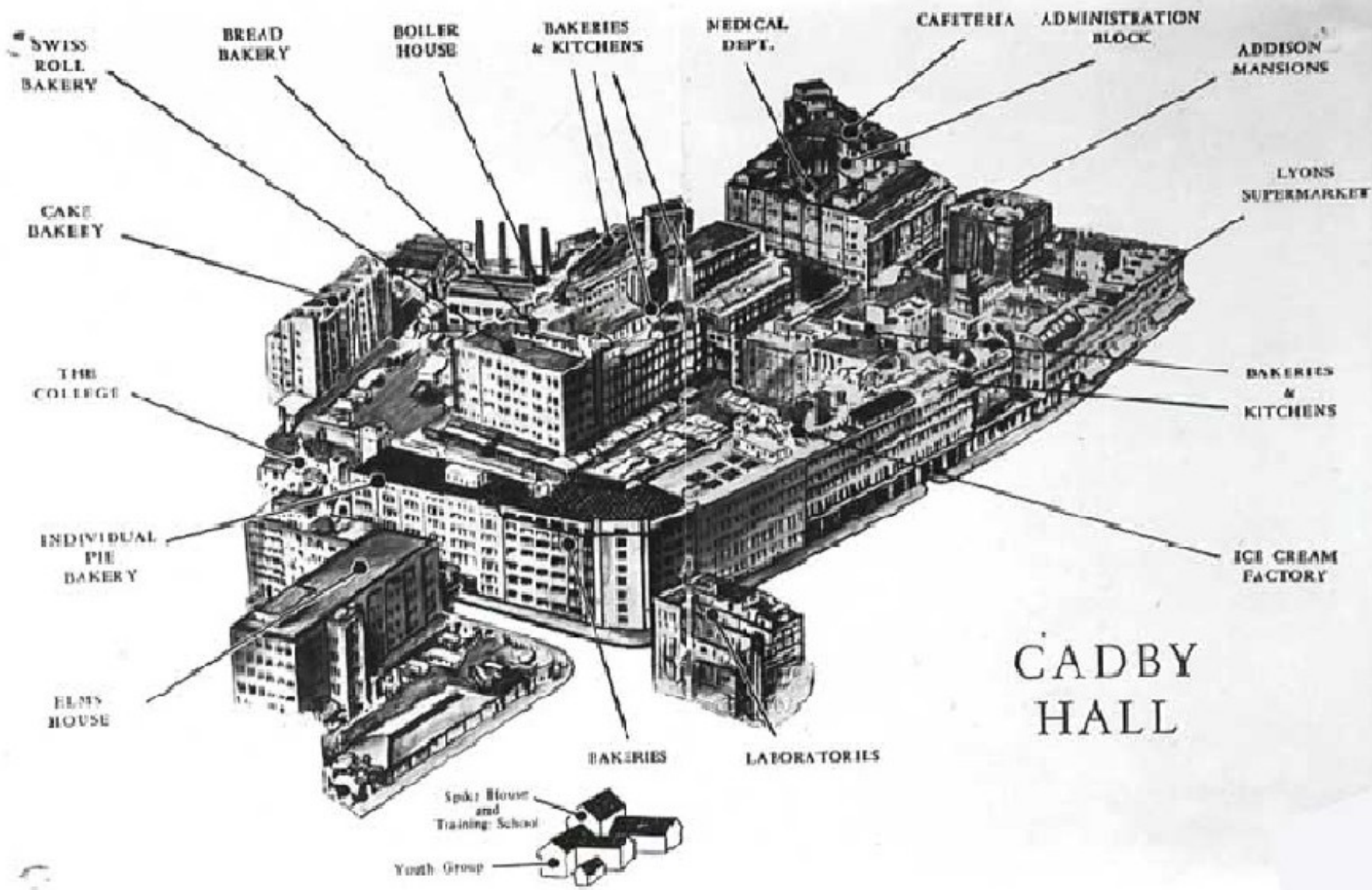




A Royal Garden Party, July 1951



One of the many Royal Garden Parties run by J Lyons & Co



SWISS
ROLL
BAKERY

BREAD
BAKERY

BOILER
HOUSE

BAKERIES
& KITCHENS

MEDICAL
DEPT.

CAFETERIA

ADMINISTRATION
BLOCK

ADDISON
MANSIONS

CAKE
BAKERY

LYONS
SUPERMARKET

THE
COLLEGE

BAKERIES
&
KITCHENS

INDIVIDUAL
PIE
BAKERY

ICE CREAM
FACTORY

ELMS
HOUSE

CADBY
HALL

BAKERIES

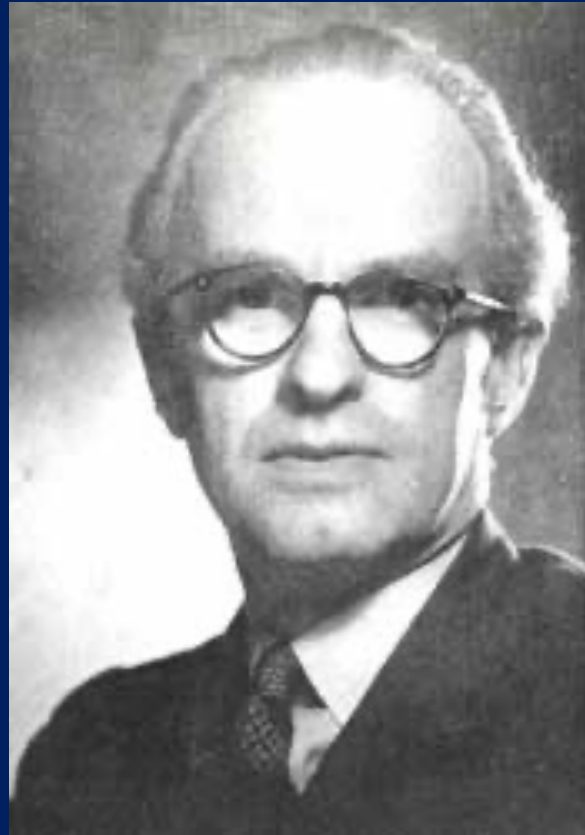
LABORATORIES

Spider Blower
and
Training School

Youth Group

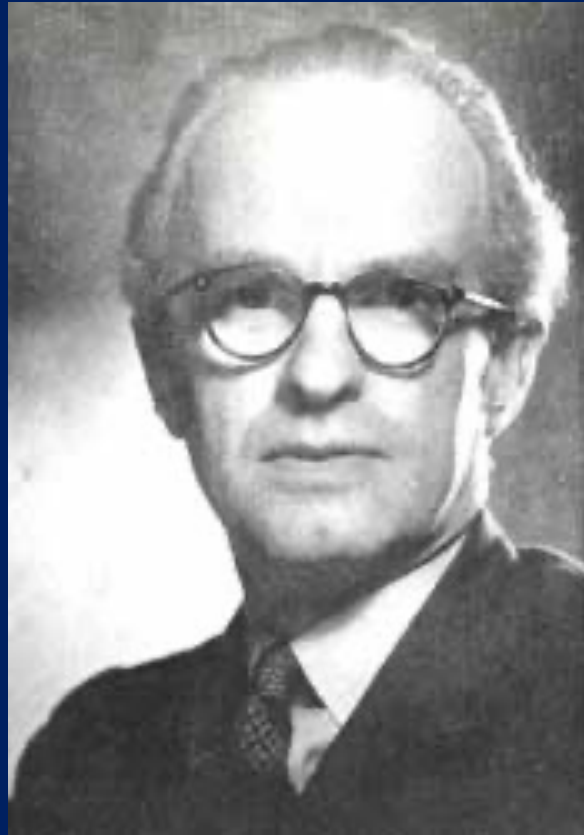
J Lyons & Co

**A Flair for
ACHIEVING THE
SEEMINGLY IMPOSSIBLE!**



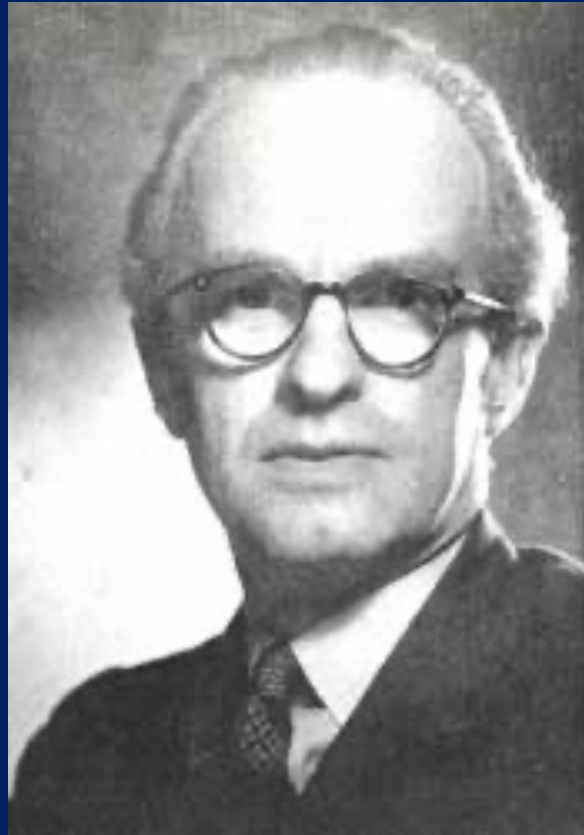
John Simmons

SYSTEMS RESEARCH MANAGER



John Simmons

CHIEF COMPTROLLER, J LYONS & CO



John Simmons



Computer Survey of the USA

T R Thompson

Oliver Standingford

*There are those who do not believe
in the desirability of introducing anything
as esoteric as electronics into
business routine.*

The Economist

THE CAMBRIDGE PROJECT

EDSAC

Electronic Delay Automatic Storage Calculator



Professor Douglas Hartree



Dr. Maurice Wilkes

THE COMPANY “Can Do” PRINCIPLE

LYONS

ELECTRONIC

OFFICE

Advert in Scientific Journal *Nature* 1948:

Wanted: A qualified engineer with experience of television design and ultra high frequency techniques

LEO CHIEF ENGINEER



Dr John Pinkerton

LEO PROJECT MANAGEMENT



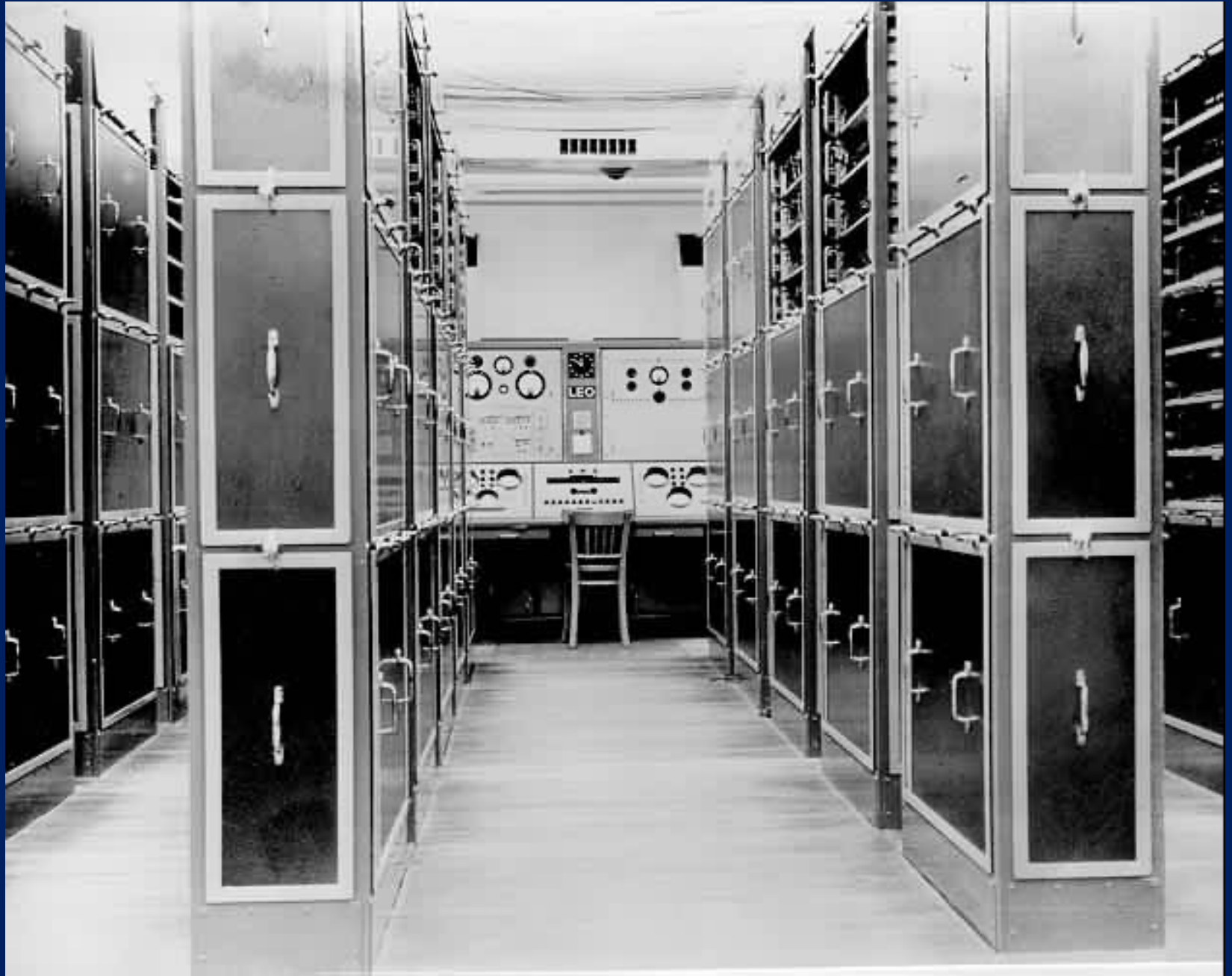
TR Thompson

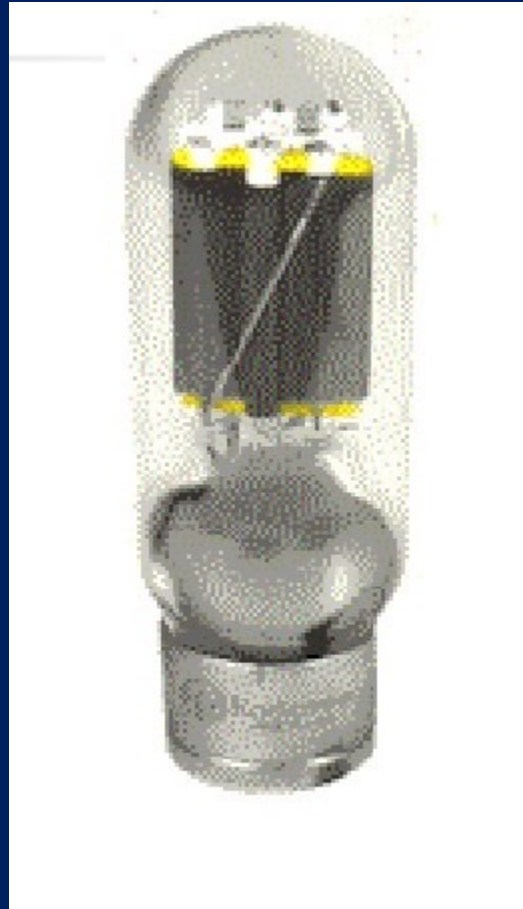
LEO OPERATIONAL DEVELOPMENT



David Caminer

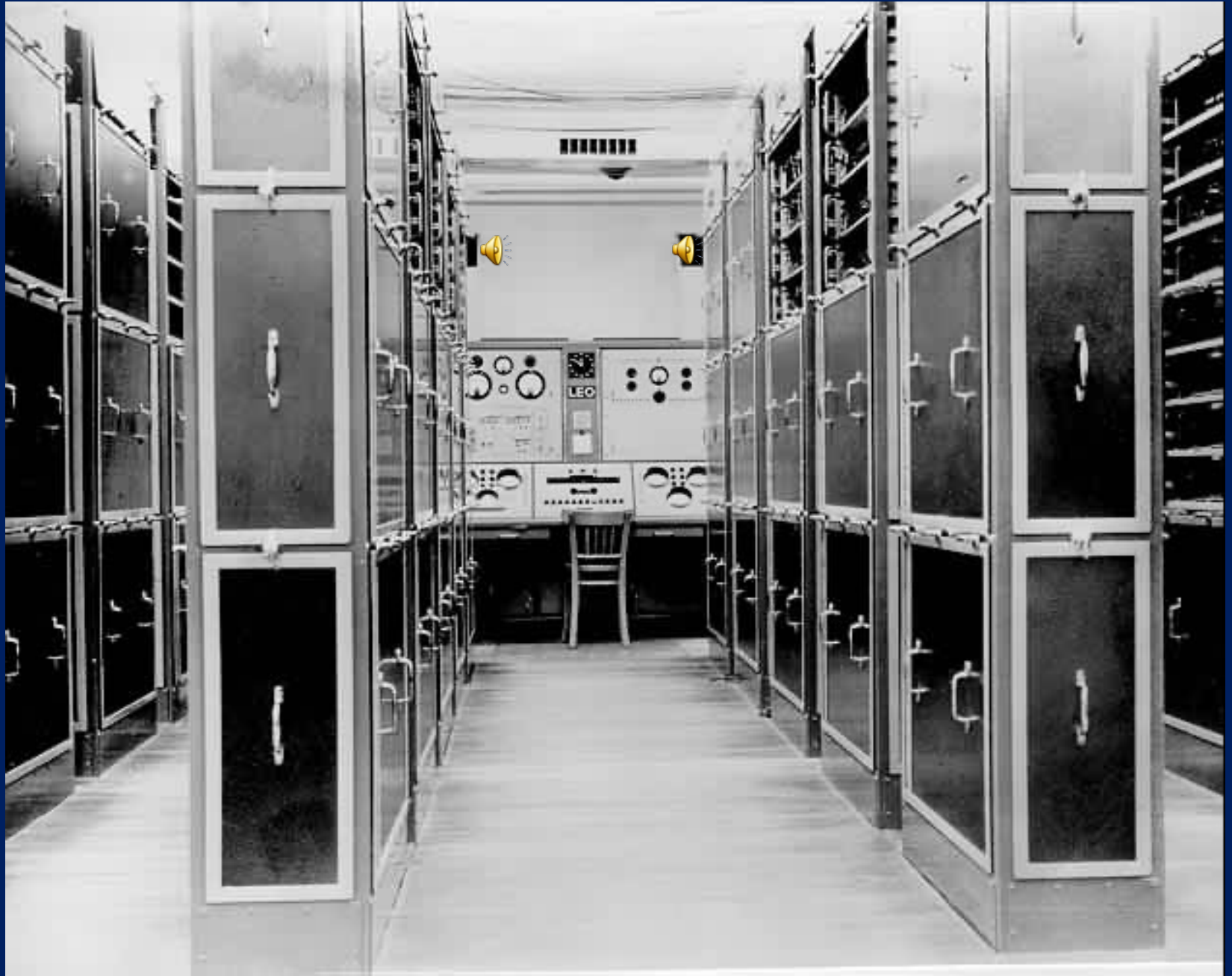
LEO 1 : Cadby Hall, 1951





Computer Vacuum Tube

LEO 1 : Cadby Hall, 1951



FIRST OPERATIONAL PROGRAM

November 1951

BAKERY VALUATIONS

SECOND OPERATIONAL PROGRAM

December 1953

COMPANY PAY ROLL

BUREAU ACTIVITY

INLAND REVENUE: TAX TABLES

MORE BUREAU ACTIVITIES

INLAND REVENUE: TAX TABLES

MET OFFICE: WEATHER FORECASTING

Now for LEO II.....

LEO II at Elms House, Cadby Hall





Minerva Road, Acton

Whiteleys Department Store, Bayswater



LEO II BUREAU, HARTREE HOUSE

LEO II BUREAU ACTIVITIES

Pay Rolls for
FORD MOTOR CO

LEO II BUREAU ACTIVITIES

Pay Rolls for
FORD MOTOR CO

KODAK

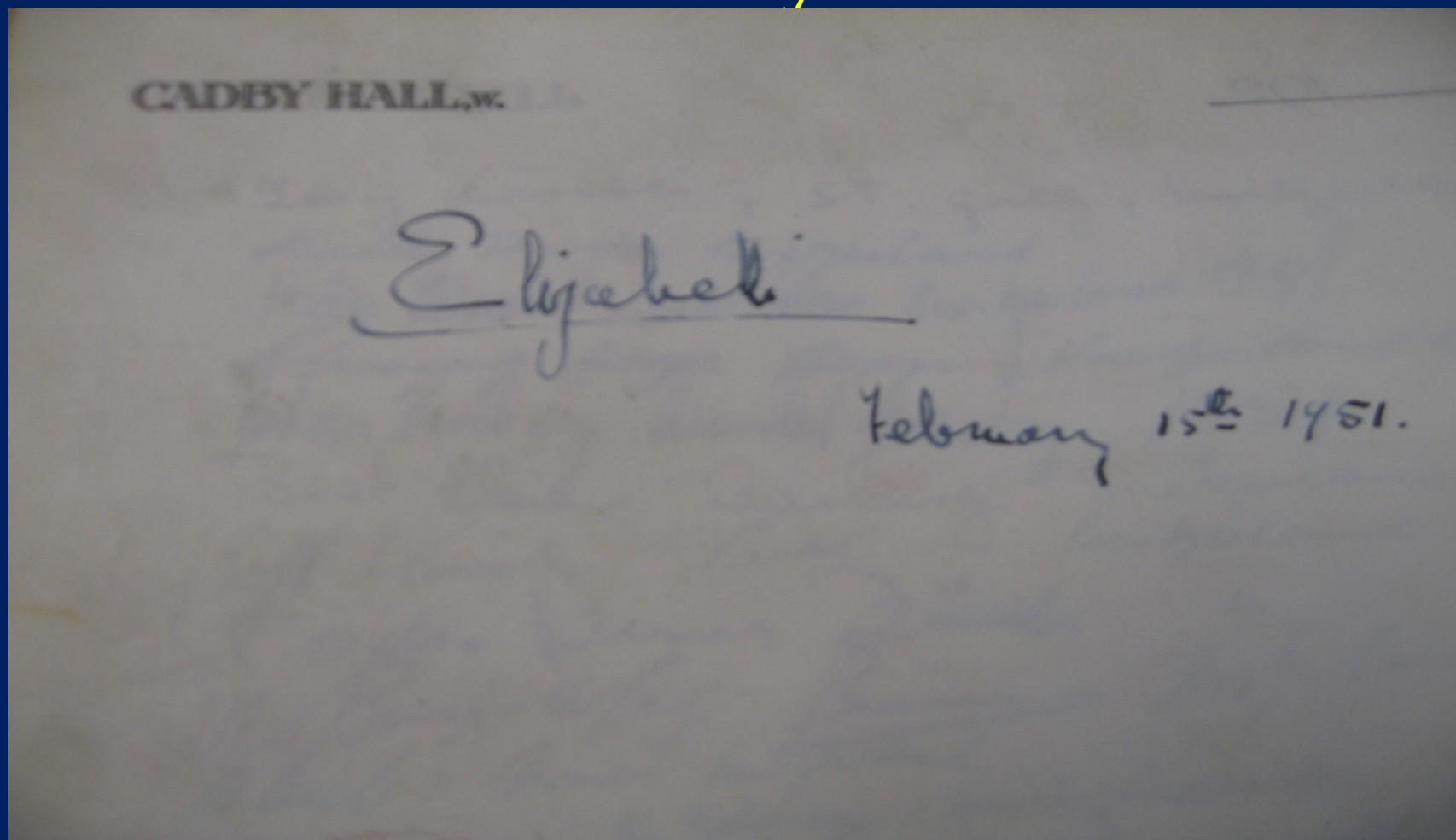
LEO II BUREAU ACTIVITIES

Pay Rolls for
FORD MOTOR CO

KODAK

TATE & LYLE

Princess Elizabeth visits Cadby Hall, 15th February 1951





**Princess Elizabeth visits Cadby Hall, Bakery Department
15th February 1951**



The Duke of Edinburgh visits Leo Computers Ltd, 1960

SALES OF LEO II

WD & HO WILLS (2 LEOs)

BRITISH OXYGEN

MINISTRY OF PENSIONS & NATIONAL INSURANCE

STANDARD MOTOR CO

FORD MOTOR CO (2 LEOs)

ILFORD FILMS

STEWARTS & LLOYDS

LEO III at Elms House, Cadby Hall, 1962



LEO III arrives at the Bureau



**Hartree House
Whiteleys Department Store, Bayswater**

SALES OF LEO III

58 LEOs including:

DUNLOP RUBBER

BRITISH OXYGEN

SHELL MEX AND BP

ROYAL BANK OF SCOTLAND

CEREBOS

HJ HEINZ

EVER READY

KAYSER-BONDOR

TOTE INVESTORS

SOUTH-WESTERN GAS BOARD

BOARD OF TRADE

INLAND REVENUE

CUSTOMS AND EXCISE

HM DOCKYARDS (4 LEOs)

GENERAL POST OFFICE (14 LEOs)

OVERSEAS SALES OF LEO III

SOUTH AFRICA

RAND GOLD MINING

CONSOLIDATED GLASS

OVERSEAS SALES OF LEO III

SOUTH AFRICA

RAND GOLD MINING
CONSOLIDATED GLASS

AUSTRALIA

SHELL GROUP (2 LEOs)
TUBEMAKERS LTD
COLONIAL MUTUAL LIFE

OVERSEAS SALES OF LEO III

SOUTH AFRICA

RAND GOLD MINING
CONSOLIDATED GLASS

AUSTRALIA

SHELL GROUP (2 LEOs)
TUBEMAKERS LTD
COLONIAL MUTUAL LIFE

CZECHOSLOVAKIA

STATE RAILWAYS
KLEMENTA STEEL WORKS
SOCIAL SECURITY OFFICE

COMPETITION and SETBACKS

1960'S COMPETITOR MANUFACTURERS

English Electric

EMI

Marconi

Ferranti

Standard Telephones & Cables

Elliott Automation

ICT

IBM

LEO and Industry Mergers: 1963-2002

1954 LEO Computers Ltd formed

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LEO and Industry Mergers: 1963-2002

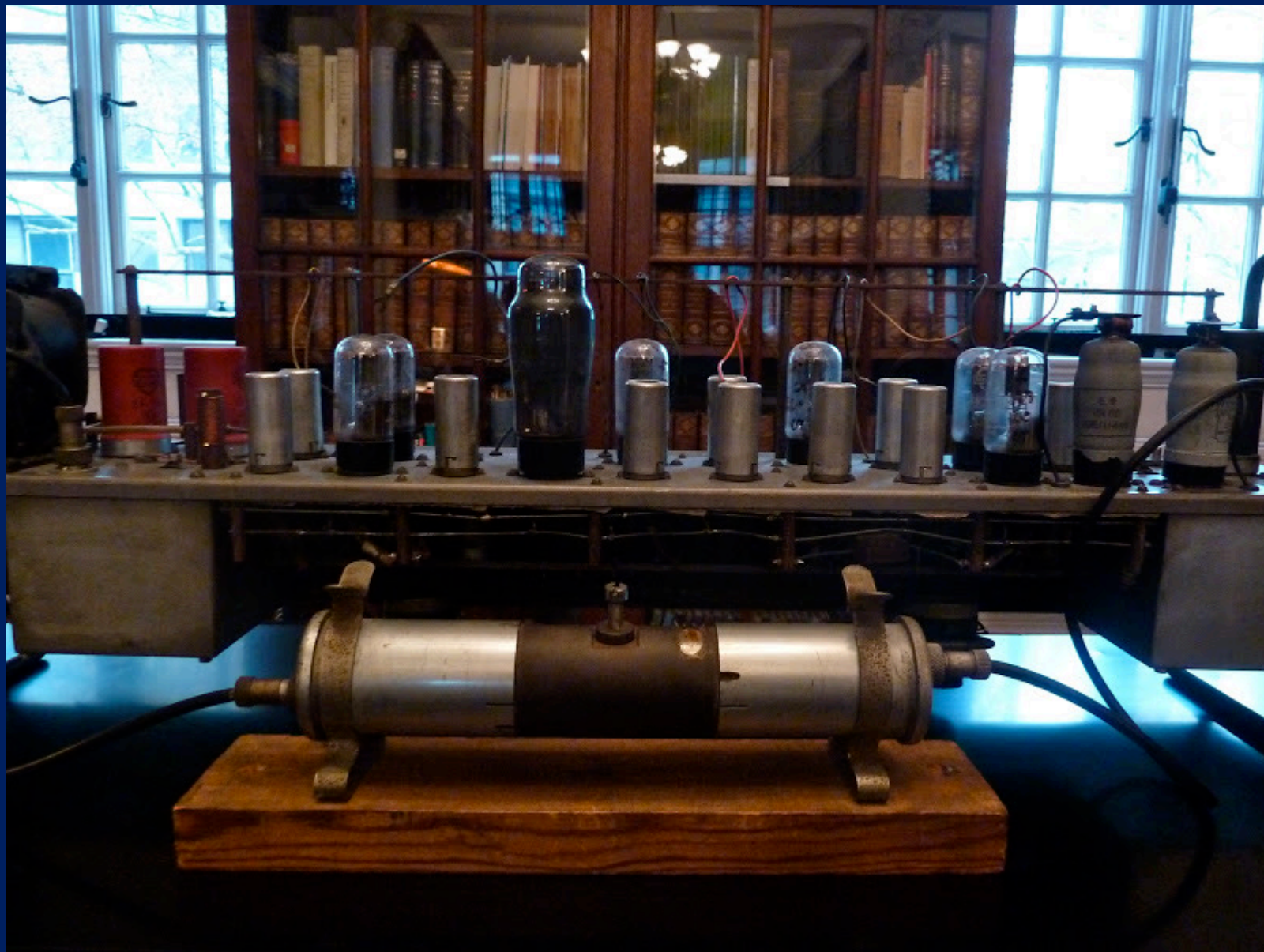
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2002	ICL merger into Fujitsu Siemens Computers	

CADBY HALL

1951: LEO 1 IS BORN

1965: LEO 1 RETIRED

LEO AND THE INFORMATION AGE



The Remains of LEO 1

END OF AN ERA.....



CERTIFICATE

**The first ever business computer was
LEO I (Lyons Electronic Office).**

**It began operations in November 1951
at the Lyons headquarters, London, UK.**

Keeper of the Records
GUINNESS WORLD RECORDS LTD

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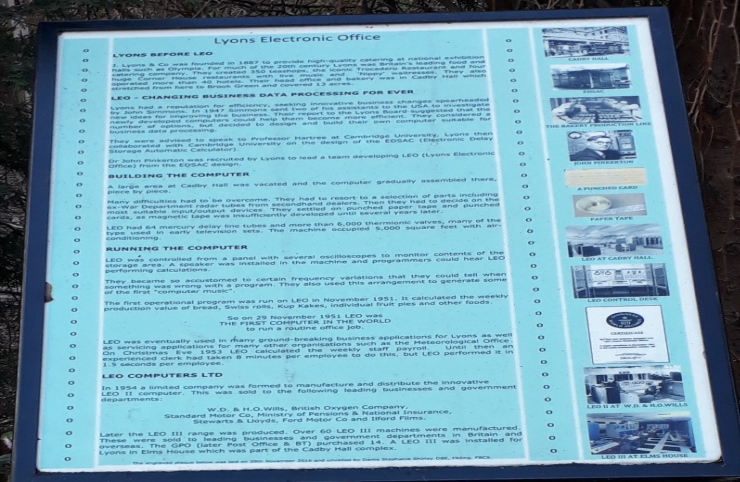
LEO COMPUTERS SOCIETY

Guardian of the History of LEO

<http://www.leo-computers.org.uk/>



Site for LEO Memorial plaque



LEO
LYONS ELECTRONIC OFFICE
THE WORLD'S FIRST BUSINESS COMPUTER
WAS BUILT AND OPERATED NEAR HERE
BY J LYONS & CO
FROM NOVEMBER 1951

ERECTED BY LEO COMPUTERS SOCIETY 2016

www.leo-computers.org.uk



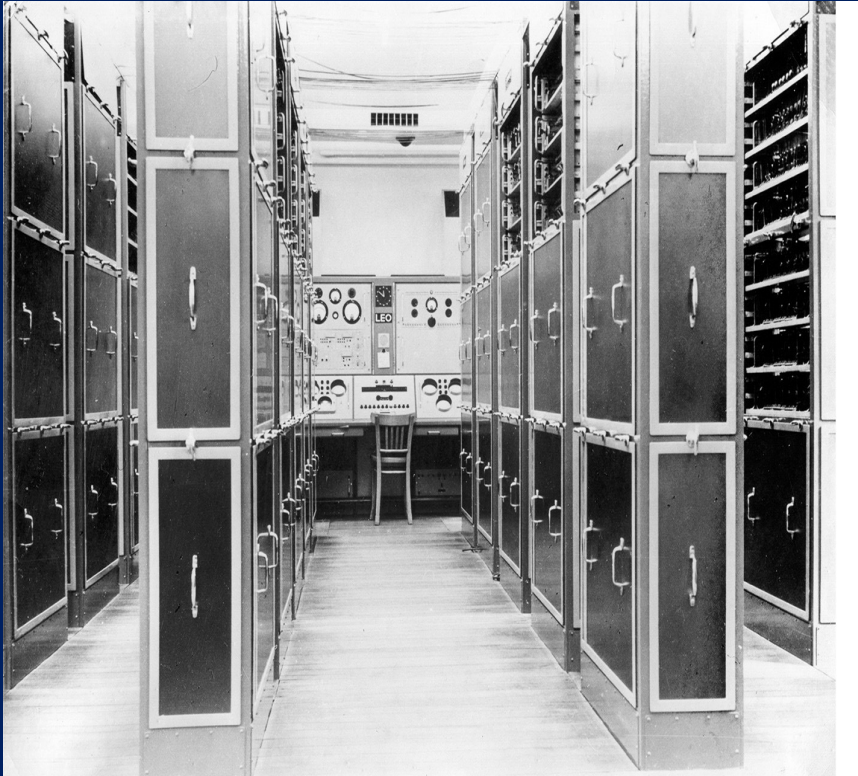
Swiss Rolls, Tea and the Electronic Office

A History of LEO, the World's First Business Computer

Project Funded by the National Heritage Lottery

**Undertaken by LEO Computers Society and
Centre for Computing History, Cambridge**

LEO 1 Virtual Reality



LEO TO THE YOUNGER GENERATIONS

FILM

**”LEO: The Story of the World’s
First Business Computer”**



Frank Land, OBE: An Original Programmer



Mary Coombs: 1st Female Programmer

FILM

**”LEO: The Story of the World’s
First Business Computer”**

[Link To Video](#)



WINDSOR CASTLE

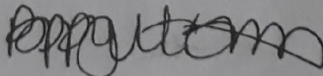
11th February, 2021.

Dear Ms Caminer,

The Queen has asked me to thank you for your kind letter on behalf of the Trustees of LEO Computers Society, sent on the occasion of the Seventieth Anniversary of the visit by Her Majesty, then Princess Elizabeth, to the Hammersmith Headquarters of J Lyons and Company Limited on 15th February 1951.

The Queen fondly remembers her tour of Cadby Hall, and viewing Lyons Electronic Office, and much appreciates your thoughtfulness in writing as you did and for enclosing photographs and a cutting from the Lyons Office Journal of the occasion.

In return, Her Majesty sends her best wishes to the Members of the Society, and to all those associated with the world's first business computer, for the continued success of the charity.

Yours sincerely,


Poppy Whitworth
Private Secretary's Office

Ms Hilary Caminer.

CAKES TO COMPUTERS



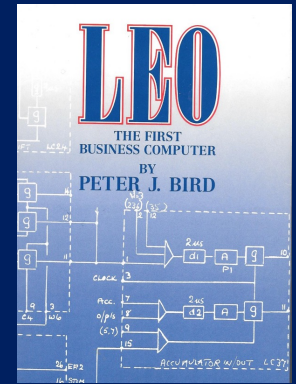
LEO THE WORLD'S FIRST BUSINESS COMPUTER

Some LEO Bibliography

LEO, the First Business Computer

Peter Bird.

Hasler Publishing, 1994.



User Driven Innovation

The world's first business computer;

D.T. Caminer and others.

McGraw Hill, Maidenhead, 1996.



A Computer Called LEO

Georgina Ferry.

Fourth Estate, London, 2003.

Paperback edition Harper Perennial, 2005

