

Newcastle  
Computing  
at 60



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# Newcastle Computing at 60

# 1950's



*Elizabeth Barracough, the University's Computer Operator and the Ferranti Pegasus*

## 1950's

**1957** – Durham University Computing Laboratory at Kings College Newcastle is established.

**1957-59** – Newcastle is the first University to teach a course in computer programming to undergraduates.

**1958** – The University's computer, a Ferranti Pegasus called Ferdinand is switched on.

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# Newcastle Computing at 60

# 1960's



KDF9



KDF9



IBM 360/67



Graduates of 1967



Claremont Tower



## 1960's

**1964** – An English Electric KDF9 replaced the Ferranti Pegasus.

**1967** – the Computing Lab moves to Claremont Tower.

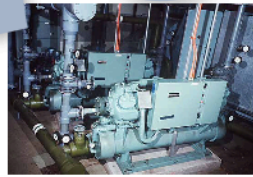
**1967** – the Lab gets an IBM 360/67.

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1970's



IBM Terminals



Air Conditioning Plant



**1970's**

**1974** – IBM 370/168 joins the IBM 360/67

**1972** – Advanced Masters programme launched

**1977** – British Computer Society's Technical Achievement  
Award for the development of Recovery Blocks and  
associated Recovery Cache

# Newcastle Computing at 60

# 1980's



Delivery of Amdahl 8560



Computer Operator



Amdahl 8560

## 1980's

**1984** – Delivery of an Amdahl 8560

**1985** – Gift of \$1million in equipment from Xerox of advanced personal workstations

**1988** – NUNET network supported 1,200 remote connections at Newcastle and Durham together

# Newcastle Computing at 60

# 1990's



ICL Goldrush Megaserver

## 1980's

- 1991** – The Computing Lab was split into the University Computing Service and the Department of Computing Science
- 1992** – The University hosted the 25th International Seminar on the Teaching of Computing Science, 6 of the 8 speakers were holders of the ACM Turing Award
- 1997** – the Department obtained an ICL Goldrush Megaserver
- 1998** – Arjuna Solutions created

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# 2000's



Rodin

CaberNet

deploy

DIRC



SiDE  
Small Image Database for Digital Evidence

## 2000's

**2000** – 2nd BCS Technical Achievement Award received

**2000's** – Involvement in a number of large research grants



# Newcastle Computing at 60

# 2010's



Urban Sciences Building

COMPASS

COMPUTING AT SCHOOL North  
EDUCATE · ENGAGE · ENCOURAGE East  
Part of the North East Learning Hub

PORTABOLOMICS

## 2010's

**2010's** – Participation in various research projects  
Host of two Centres for Doctoral Training  
North East Hub for Computing at Schools  
REF2014 1st in Impact, 9th in UK by GPA  
2017 Moved to Urban Sciences Building

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