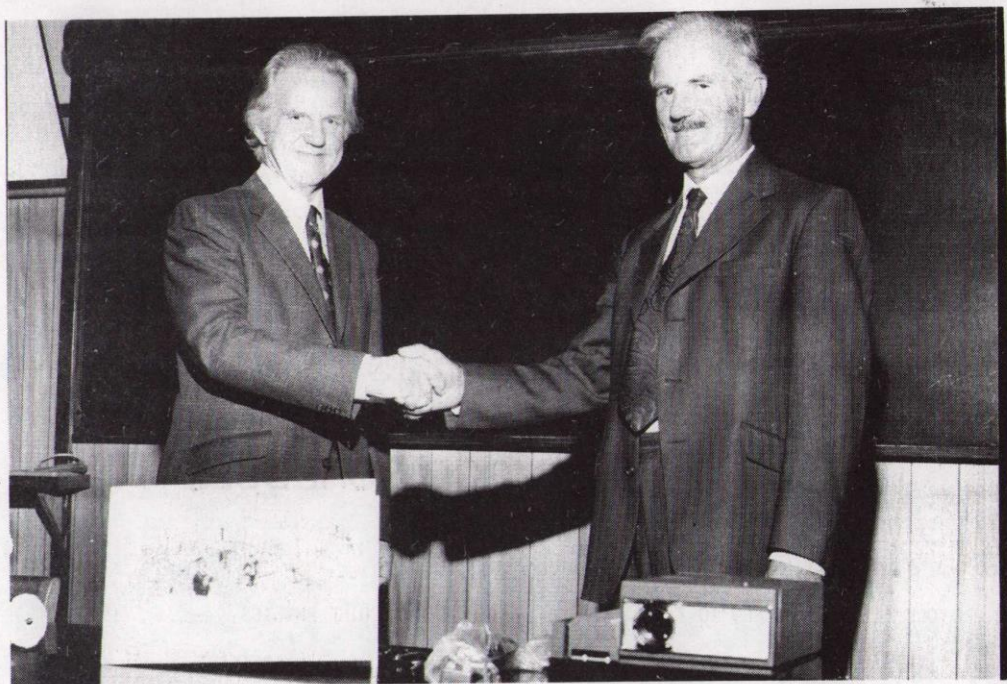




Rutherford  
Laboratory

10-24 September 1973

bulletin 30



#### ONCE A RAILWAY MAN!

On Thursday, 30 August about one hundred and thirty friends and colleagues assembled in the Lecture Theatre to say farewell to Tom Gresham on his retirement.

It was back in 1924 that Tom's working life began when he joined the LMS railway as an apprentice at the Derby works. He was a railways man for thirty years rising to a Deputy Plant Engineer before joining Harwell in October 1954 as an Engineer Grade 3. So at the age of 46 Tom started a new career at first on remote handling, then on to the neutron booster and finally, as a Harwell man, the design of the 15 MeV Injector tank for NIMROD - come to think of it, it does resemble a locomotive boiler!

He became a member of the Rutherford Laboratory staff on 1 January 1961 although he had previously worked here for some years. Since those early days Tom has been associated with many projects but above all - magnets and latterly, concrete magnets. He has always earned the respect of his engineering peers but more than that, he will be remembered as the engineer to whom physicists could talk.

Tom has retired to a house on the coast in Mid Wales. One gathers that a railway, run by enthusiasts is near by - after all, it is said that once a railway man.....! Mr Bowles the Chief Engineer presented Tom with a parting gift contributed by his many friends and colleagues.

We should like to add our best wishes - it will one feels not be an idle retirement.

#### GEOFF HARDAKER REMEMBERED

The many friends and colleagues of the late Geoff Hardaker (Contracts Office R20) will be pleased to know that a cheque to the value of £52 has been sent to the Royal National Lifeboat Institute in his memory.



# INTERNAL EVENTS

## NIMROD LECTURE SERIES

No Nimrod Lectures on 10 September and 24 September.

### HEP SEMINAR

Wednesday 12 September  
11.00  
Conference Room, Building R1

Scale Dimension of the Chiral-Symmetry-Breaking Hamiltonian.

*Dr Fayyazuddin/RHEL*

### HEP SEMINAR

Friday 14 September  
11.00  
Conference Room, Building R1

Operator Approach to Semi-Hadronic Inclusive Reactions.

*Dr W C Ng/SUNY at Stony Brook.*

## NIMROD LECTURE SERIES

Monday 17 September  
11.30  
Conference Room, Building R12

The Inclusive Charged Pion Spectra in  $\bar{p}$  N Interactions at Rest.

*Dr T A Filippas/Demokritos & CERN*

### HEP SEMINAR

Wednesday 19 September  
11.00  
Conference Room, Building R1

Phenomenology of Reggeon-Particle Scattering.

*Dr P Hoyer/University of Helsinki*

# NIMROD SCHEDULE

CYCLE 9 28 8 73 - 16 9 73

Full details were given in Bulletin No 29.

CYCLE 10 17 9 73 - 9 10 73

MACHINE PHYSICS

HIGH ENERGY PHYSICS

<u>Team</u>	<u>Beam</u>	<u>Experiment</u>	<u>State</u>
RHEL	$\pi 11$	Beam Studies & Irradiation	Data
BIRMINGHAM/SURREY/RHEL	K17	Stopping Kaons	Setting up
CERN/ORSAY/OXFORD	P81	Hadron-Proton Spin	Installation
OXFORD	P71	Chamber Tests	Installation
COUNTER GROUP B/ CAMBRIDGE UNIVERSITY	$\pi 12$	$\pi^- p \rightarrow K^0 \Lambda^0$ in the range 1.4 - 2.0 GeV/c	Installation
IMPERIAL COLLEGE/RHEL	$\pi 8$	Experiments on Narrow Bosons. $X^0(958)$ , $S^*$ and Cross Section Measurements	Installation

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## OVERSEAS VISITS

Mr W Walkinshaw, Mr H Hurst, Mr P Hemmings, Dr M Curtis, Mr A Stormer and Mr P Girard, to Belgium, 10-14 September to attend SEAS Annual Conference at Leuven.

To CERN, the Director and Dr D J Baugh, 16-17 September and Dr J M Valentine 16-18 September, to attend meeting of ECFA Working Group 3. Dr Valentine will be also have discussions with CERN administrative officers.

Mr E J D Newbold, to CERN, 16-21 September, to check inventory.

Dr T A Broome, Dr A J Van Horn and Dr T W L Sanford, to Yugo-Slavia, 16-30 September, to attend International School of Elementary Particle Physics.

Mr P Seager, to CERN, 17-19 September for discussions on optical coatings for future track sensitive targets.

Dr A Bryden and Dr A Oxley, to CERN and Italy, 17-21 September for discussions and to present paper at HPD collaboration meeting at Bologna.

Mr R Lawes and Mr P Hallowell, to Italy and CERN, 20-26 September, to attend HPD Meeting and present paper (R Lawes) and for discussions at CERN.



# SOCIAL NEWS

## TABLE TENNIS

The Atlas and Rutherford Table Tennis Club will run three teams in the Didcot League during the coming season. Anyone interested in playing for a team on a regular basis should contact Martin Fowler, Ext.6105 or Eric Thomas, Ext.6219. The season will start on 17 September.

## CHESS TOURNAMENT 1973-74

This years tournament is due to start on Monday 1 October. It will take the form of a Swiss Tournament and matches will be played, as usual during lunch times. Two weeks are allowed for arranging and playing of each round and there will be a total of nine rounds. It doesn't matter if you are a novice or even a grandmaster, you will still be welcomed, even those elusive Atlas players (without their computer of course).

If you wish to take part please send in your name to Peter Craske, Bldg R2 Ext 232 as soon as possible. The deadline is Monday, 24 September but help the organisers and make it sooner.

## RECREATIONAL SOCIETY DANCE

The next dance will be held on Friday, 14 September, 8 till 1 am. Dancing to 'The Education', Licensed Bar, Buffet Supper.

Tickets 70p, from Mrs V Goodwin - R1, D Evans - R34, P Craske - R2 and F Cooke - R8.

## HORTICULTURAL SOCIETY FLOWER SHOW

Don't forget to come along to the Flower Show on Thursday and Friday 13 and 14 September. Late entries can still be accepted, even up to the morning of the show but please help the organising committee and get your entry in not later than Monday 10 September. Entries to S H Dixon - Bldg 150 Ext 72-2886 or Roy Brabben - R20 Ext 410.

## CHRISTIAN FELLOWSHIP

Friday 14 September. John Matthews, ex Rutherford employee will be leading the meeting. This summer John has been 'looking after' a coach load of young Americans as they have toured the country engaging in evangelistic work. All are welcome to come along and meet him at 12.30 in the R12 Conference Room.

Friday 21 September. Is Jesus Christ found in the Book of Daniel in the Old Testament? Ray Powell of Bldg R20 will be leading a Bible Study on this subject at 12.30pm in the R12 Conference Room. All are welcome to come along and share in a time of Christian Fellowship.

## RUTHERFORD FOLK CLUB

Next meeting Friday 7 September at 8.15 in the R22 Coffee Lounge

"FOGGY" a really top professional duo with a style similar to that of "Simon and Garfunkel" and whose performances are well above average. The two lads (who used to be known as "Foggy Dew-O") come south at frequent intervals to perform for BBC Radio - "Country Meets Folk", "Sounds of the 70's" and Televisions "Old Grey Whistle Test". They have their own programme on local radio in Yorkshire and have recorded several singles and LPs of contemporary material. The Club is fortunate in securing the booking.

Owing to the higher fees the admission charge has had to be increased to 30p - but this is still cheaper than most other clubs.

LATE NEWS - Also appearing will be a newly formed group (computer boys) called Gunga-Pooch consisting of Nero, Peter, Bryn and John.

Come early for this attractive evening and ensure a seat.

RUTHERFORD LABORATORY BULLETIN

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Editor: H F NORRIS

Deadline  
for  
Insertions

GENERAL & SOCIAL NEWS

INTERNAL & EXTERNAL EVENTS

Tuesday 1600

Wednesday 1200

Room 42 Building R20  
Rutherford Laboratory  
Chilton Didcot Berks  
Abingdon 1900 Ext 484



#### OBITUARY NOTICE

We deeply regret to announce the death of Mr R N Walker on Tuesday 28 August after a short illness. He was aged 50. Ralph Walker, a Principle Professional and Technical Officer in the Engineering Division joined Harwell in 1946 and later spent three years, from 1955-1958 at the Royal Ordnance Factory at Motttingham. He then rejoined Harwell before moving over to the Rutherford Laboratory in January 1961.

He will be sadly missed by his many friends and colleagues. We extend our deepest sympathy to his wife and family.

#### BULLETIN NOTICE

The current issue again covers a period of two weeks as will the following two issues, Nos 31 and 32. The Editor expects to be absent for about six weeks, during this period contributions should still be sent to Room 42, Building R20 but telephone enquiries should be directed to Mr F Harden, ext 6114.

#### LECTURE THEATRE BOOKINGS

Please contact Mr C J Heming, ext 6607 for Lecture Theatre bookings during the Editor's absence.

#### FILM BADGE NOTICE

Period 10 commences Monday 10 September. Colour Strip - BROWN for  $\beta\gamma$  films and neutron packs.

Six monthly TDL change for people with surnames commencing K L M N.

Please change dosimeters promptly and return all old ones.

#### MISSING EQUIPMENT

The following item of equipment has been reported missing from Room G.36, R25:-

Casio type FX-1 calculator, ser no 207532

Anyone with information on the present whereabouts of this item is asked to contact Mr F J Swales, R2, ext 6601 as soon as possible.

The following item has been reported missing from the Electrical Workshop R12:-

Douglas Hand Coil Winder

Information on the whereabouts of this item to Mr H O Normington, ext 6177, Building R12.

#### W E A COURSES IN WANTAGE

The following classes will be held:-

At Icknield School, Springfield Road, Wantage.

*The Beginning and Growth of Wantage - starting Tuesday 2 October.*

*Studies in Geology - starting Monday 1 October.*

*Contemporary Social Problems - starting Wednesday 26 September.*

At St Mary's Convent, Denchworth Road, Wantage.

*Modern Literature - starting Thursday 27 September.*

At Segsbury School

*Some 20th Century Artists - starting Monday 24 September.*

*Yoga and Eastern Thought - starting Wednesday 26 September.*

All classes start at 7.30 pm. Syllabuses and further information from Mrs J Perrett, 11 Reynolds Way, East Challow, Wantage, tel 3428.

#### HYDRAULICS RESEARCH STATION - OPEN DAYS

The Department of Environments' Hydraulics Research Station at Wallingford is holding two Open Days this year:- 4 October, 1400-1700 hrs, and 5 October, 0900-1700 hrs.

A limited number of 'application for tickets' cards are available and up to six names can be entered on each card. Please apply to the Editor or from Tuesday 11 September, to Mr F Harden Ext 6114, Building R20.

#### UNDELIVERABLE MAIL

Letters addressed to Mr Z Triniye and W Lee can be collected from the Editor.