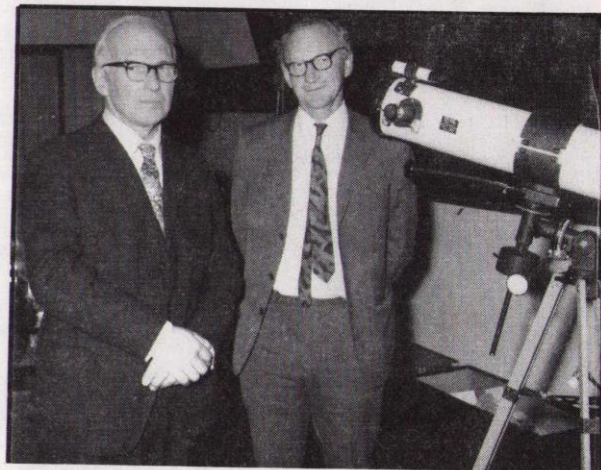


NOTABLE RETIREMENT

"He has produced elegant solutions to so many front line electrical and electronic problems". These words, used by the Director on the occasion of Herbert Whitby's retirement, sum up the many achievements recorded during a career in Government service of thirty-two years.

Last Friday afternoon, 29 September, in the Laboratory's Lecture Theatre, many past and present colleagues of Herbert met to wish him a long and happy retirement. The Director, Dr G H Stafford, before making the presentation, gave a comprehensive survey of Herbert's career since entering the Service in 1940. He had, the Director said, seen the start of three large Government establishments, TRE Malvern, Harwell, and of course, the Rutherford Laboratory.



Herbert's outside interests were wide, he was a wine-maker of some note, had a keen interest in music and was a very talented painter. (A number of his pictures have been accepted for hanging in major exhibitions).

Speaking of Herbert's many interests, the Director recalled the days when he and Dr Pickavance used to visit Silverstone with him, for the May Motor Racing Meetings. In conclusion the Director, on behalf of friends and colleagues, presented Herbert with a magnificent reflecting telescope and a pair of binoculars.

In reply, Herbert spoke of his pleasure in seeing so many present who had taken the time and trouble to come along. He recalled many amusing experiences (he was reminded of others!!) and then spoke of his awareness of coming retirement about five years ago. Until that time it was just one of those things which happened to the chap next door. However he felt that he should make a start on doing something about it - to avoid step functions - develop more outside interests and take on more side lines. This was a great idea, with the result that on the last day he hardly had enough time to come into the Lab.

Speaking seriously, he was glad he had stayed at the Laboratory as he had been able to do all the things he wanted to do - and had been paid for it! There were days when he would have given anything to have driven straight past the entrance and on to Newbury (Races?). Then there were the frustrating days - a Friday for instance; then the possible solution to the problem dawning over the weekend and the eagerness to get back on Monday morning to try it out. He expressed his thanks for the parting gifts and for the messages from friends and past colleagues from all over the world.

Herbert will still be seen around; he wants to make sure that 2nd harmonic R F cavity project works correctly when it is installed in Nimrod.

FILM NOTICE

It is Period II. Colour Strip - BLUE for $\beta\gamma$ and fast neutron packs. Please check that you are wearing the correct dosimeter and that all old ones are returned.

Anyone with a damaged or dirty $\beta\gamma$ holder (blue) can obtain a replacement from Mrs J A Coates, Ext 430, Building R20.

MISSING EQUIPMENT

The following item of equipment disappeared from Counter Group C, HEP Division recently:-

Solatron Digital Voltmeter, Type 1420.2, Serial Number 140645

Anyone with information on the present whereabouts of this instrument is asked to contact Martin Evans, Ext 213, Building R1.

news continued on page 4

INTERNAL EVENTS

NIMROD LECTURE SERIES

Monday 9 October
11.30
Lecture Theatre

Absorbed Multiperipheralism

Dr L Caneschi/CERN

FILM SHOW

Lecture Theatre

We open the 1972-73 season with a double bill, "The Industrial Relations Act", (in 5 parts, Mon - Fri) and an ESRO film on the TD-1 satellite (2 parts, Tues - Fri). The times given are for the start of the Industrial Relations Act films, the ESRO films will follow after a short interval.

Monday 9 October
12.50

THE INDUSTRIAL RELATIONS ACT: Part 1 - An Introduction which explains the objectives of the Act and outlines its main provisions (duration 19 mins.).

Tuesday 10 October
12.40

THE INDUSTRIAL RELATIONS ACT: Part 2 - The Act and the Individual, this examines the rights which the Act gives the individual worker in relation to both employers and unions. (duration 13 mins.)

Wednesday 11 October
12.40

TD - 1A SATELLITE: Part 1 - The experiments (approx 13.00 - 13.20).

THE INDUSTRIAL RELATIONS ACT: Part 3 - The Act and the Trade Union. Looks at the effect of the Act on trade unions and explains the new instructions and procedures. (duration 14 mins.)

Thursday 12 October
12.40

TD - 1A SATELLITE: Part 2 - The Satellite Itself. (approx 13.00 - 13.20).

THE INDUSTRIAL RELATIONS ACT: Part 4 - The Act and the Employer. Explains the effect of the Act on employers with their dealings with individual workers and trade unions. (duration 18 mins.).

Friday 13 October
12.40

TD - 1A SATELLITE: Repeat of Part 1. (approx 13.05 - 13.25).

THE INDUSTRIAL RELATIONS ACT: Part 5 - Collective Bargaining and Agreements. Describes the machinery created by the Act to resolve problems of recognition and negotiation rights. (duration 17 mins.).

TD - 1A SATELLITE: Repeat of Part 2. (approx. 13.00 - 13.20).

PLEASE NOTE THE SHOWING TIMES FOR EACH DAY, AND DO NOT ENTER THE LECTURE THEATRE ON MONDAY AND TUESDAY UNTIL PREVIOUS MEETINGS HAVE ENDED.

TRADE EXHIBITION

Tuesday 10 October
09.00 - 18.00
Car Park, Building R25

The Mullard Limited trailer will contain a display of their components: transmitting tubes, photoelectric and electro-optical devices, magnetic materials, resistors, capacitors, diodes, transistors, digital and linear integrated circuits. Mr P I Nicholson with four colleagues will be in attendance to deal with your problems and to discuss future plans.

NIMROD LECTURE SERIES

Monday 16 October
11.30
Lecture Theatre

Report on Batavia Conference

Dr G Ringland and Dr G Manning/RHEL.

NIMROD SCHEDULE

CYCLE 13 10 10 72 - 31 10 72

MACHINE PHYSICS

HIGH ENERGY PHYSICS

<u>Team</u>	<u>Beam</u>	<u>Experiment</u>	<u>State</u>
Cambridge University RHEL	K13C	Associated Production Cross Sections	Data
Imperial College Southampton University	π^7	Studies of η ω and A 2	Parasitic

EXTERNAL EVENTS

PHYSICS & GEOPHYSICS COLLOQUIUM

Monday 9 October
17.00
University of Bristol

High Energy Electron Diffraction as an Example of Semi-Classical Mechanics

Dr M Berry/Bristol

THEORETICAL PHYSICS SEMINAR

Wednesday 11 October
14.30
University of Manchester

The Model Potential Method in Atomic Physics

Dr C Bottcher/Manchester

APPLIED PHYSICS COLLOQUIUM

Wednesday 11 October
16.30
University of Reading

Development of a Ruling-Engine for Optical Diffraction Gratings

A E Gee

EVENTS AT AERE

THEORETICAL PHYSICS DIVISION SEMINAR

Tuesday 10 October
14.00
Conference Room, Building 8.9

Title to be announced

Dr C F Clement/Harwell

NUCLEAR PHYSICS DIVISION COLLOQUIUM

Thursday 12 October
15.30
Conference Room, Hangar 8.

Research Activities at the U.S. Naval Research Laboratory.

Dr K M Murray/Naval Research Laboratory, Washington, D.C.

RUTHERFORD LABORATORY BULLETIN

Published by the Scientific Administration Group

Editor: H F NORRIS

Deadline
for
Insertions

GENERAL & SOCIAL NEWS

Tuesday 1600

INTERNAL & EXTERNAL EVENTS

Wednesday 1200

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

OVERSEAS VISITS

Messrs L Phillips, N F Swan-Taylor, R Blatchford and A Franks, to CERN, 9 - 20 October, to install equipment for \bar{P} - P experiment.

The Director, to CERN, 10 - 12 October, to attend meeting of Nuclear Physics Research Committee.

Dr B H Meardon, to I L L Grenoble, 11 - 20 October, to evaluate the potential of a position sensitive detector.

SOCIAL NEWS

RUTHERFORD FOLK CLUB

Next meeting at 8 p m on Friday 6 October in the Coffee Lounge R22

Barry Dransfield

Solo singing with fiddle and guitar - he has appeared with "The Johnstones" and has made three LP's - Folky Blues.

October 13 at 8 p m - Mike Harding, banjo and guitar.

HORTICULTURAL SOCIETY

We are fortunate in being able to arrange a second visit this year to the Nuneham Courtenay Arboretum to see the autumn colour.

This visit will start at 2.30 p m on Saturday 14 October, meet at the Peacock Gate (on the A423 Oxford/Henley Road).

All members and friends are invited.

CHRISTIAN FELLOWSHIP

All welcome to join us in a Bible Study on 2 Corinthians, Chapter 13, led by Graham Turner of Surrey University. The meeting commences at 12.30 p m on Friday 13 October, Conference Room, Building R12.

SEVEN-A-SIDE SOCCER FIXTURE LIST

Tuesday	10 October	C A Division	v	Atlas	Group A
Wednesday	11 October	AERE G O	v	AERE 351	Group A
Friday	13 October	C A Division	v	R18	Group A
Monday	16 October	R25	v	AERE 220	Group B
Tuesday	17 October	D O	v	Casuals	Group B
Thursday	19 October	Atlas	v	AERE 351	Group A
Friday	20 October	Transport	v	AERE 220	Group B