



SIGNING OFF

A very familiar figure around the Laboratory, indeed around the whole of the old airfield, retired on 1 June.

Mr G A Taylor, after working for various Government Departments, including the Forces from 1940-46, joined AERE in May 1948 and worked as a signwriter and painter on special projects until joining NIRS in 1960. From then until 1972 he was the signwriter for the Building Group and evidence of his work can be seen on practically every crane and lifting beam throughout the Laboratory. In 1972 George agreed to act as assistant to the Clerk of Works engaged on Building maintenance. These duties he carried out with every success which is what one would have expected from George as he has always been conscientious, obliging and cheerful.

Away from work he has served as a Parish Councillor and is still serving as a School Manager at East Ilsley where he is also connected with other charitable causes.

On 31 May Alex Goode on behalf of his many friends and colleagues presented George with a Teasmaid (see photo above) and expressed good wishes for a long and happy retirement. We would like to add our own good wishes to George; may he continue on his cheerful way for many years to come.

PHYSICS PRIZE FOR NEUTRON SCIENTIST

Congratulations to Professor R A Cowley of Edinburgh University who has been awarded the 1973 Max Born medal and prize by the Institute of Physics, London and the German Physical Society, for his outstanding contributions to the theory of lattice dynamics. Professor Cowley is a member of the Neutron Beam Research Committee of the SRC's Science Board and has close connections with the Rutherford Laboratory through the work of the Neutron Beam Research Unit.

This is the first award of the Max Born Medal and Prize which commemorates the late Professor Born, one of the outstanding physicists of the twentieth century, who worked in both Germany and Britain. The award is made jointly by the Institute of Physics and the German Physical Society to a British physicist and a German physicist in alternate years.

INTERNAL EVENTS

NIMROD LECTURE SERIES

Monday 18 June
11.30
Lecture Theatre

What Have we learned from a K^+p Experiment Done Between 1.2 and 1.7 GeV/c Incident Momentum

Dr L Montanet/CERN

SPECIAL SEMINAR

Monday 18 June
14.15
Conference Room, Building R1

Report on the Frascati Instrumentation Conference - Part II

Dr C Fisher/RHEL

Status reports on Streamer Chambers, Transition Radiation, Total Absorption Counters, Track Sensitive Targets, Hybrid Bubble Chambers and some special topics and observations!

HEP DISCUSSION GROUP

Tuesday 19 June
11.00
Conference Room, Building R1

$p\bar{p}$ Annihilation to $\pi^-\pi^+$ and K^-K^+

Professor A Donnachie/DNPL

NIMROD LECTURE SERIES

Monday 25 June
11.30
Lecture Theatre

Results on $pp \rightarrow pX$ from NAL

Dr I Siotis/Imperial College

APPLIED PHYSICS LECTURE

Monday 25 June
15.15
Lecture Theatre

Basic Concepts in Modern Accelerator Physics - Part I

Dr J D Lawson/RHEL (See news for more details).

NIMROD SCHEDULE

CYCLE 5 5 6 73 - 26 6 73

MACHINE PHYSICS

HIGH ENERGY PHYSICS

<u>Team</u>	<u>Beam</u>	<u>Experiment</u>	<u>State</u>
HBC/UCL/BRUSSELS	K19	Stopped K^- in H_2 - Track Sensitive Target	Setting up
BRISTOL/SOTON/RHEL	K15	π^+p Differential Cross-Sections	Data
CHURCHILL HOSPITAL/ BART'S MEDICAL COLLEGE/ RHEL	$\pi 11$	Radiobiological Experiments	Data
COUNTER GROUP A/ DETECTORS GROUP	$\pi 8$	Proposal Studies and Detector Evaluation	Tests
BIRMINGHAM/SURREY/RHEL	K17	Stopping Kaons	Setting up
CERN/ORSAY/OXFORD	P81	Hadron-Proton Spin	Setting up

EXTERNAL EVENTS

HIGH ENERGY NUCLEAR PHYSICS COLLOQUIUM

Wednesday 20 June
16.00
Imperial College

Two-Body Final States in $\bar{p}p$ Interactions Between 0.8 - 2.4 GeV/c.

Dr P Kalmus/QMC

APPLIED PHYSICS COLLOQUIUM

Wednesday 20 June
16.30
University of Reading

Treatment of the Analysis of Prehistoric Bronze Artifacts

J M Graham/Computer Science

THEORETICAL PHYSICS SEMINAR

Thursday 21 June
16.15
Clarendon Laboratory, Oxford

Seniority, its Generalisations and Applications to Nuclei

Professor Igal Talmi/Rehovot

ELEMENTARY PARTICLE PHYSICS SEMINAR

Friday 22 June
14.20
Nuclear Physics Building, Oxford

Symmetric Group and Meson Born Amplitudes

P Frampton/CERN

EVENTS AT AERE

NUCLEAR PHYSICS COLLOQUIUM

Thursday 21 June
15.30
Conference Room, Hangar 8

Nuclear Techniques in Exploration and Mining

Mr C G Clayton/NP Division

SOCIAL NEWS

CHRISTIAN FELLOWSHIP

The Rev Selwyn Morgan from Carey Baptist Church, Reading will be speaking at our lunch time meeting which commences at 12.30 on Friday 22 June in the Conference Room, Building R12. All are warmly invited to attend.

THANK YOU MESSAGE

Ann and Robert Spiteri wish to thank all their friends who contributed to their wedding present.

RUTHERFORD LABORATORY BULLETIN

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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

APPLIED PHYSICS LECTURES

A series of three lectures on 'Basic Concepts of Modern Accelerator Physics' to be given by Dr J D Lawson on successive Mondays will commence on 25 June at 15.15 in the Lecture Theatre. The times for 2 and 9 July have to be arranged.

These lectures will present the physics of high energy accelerations and storage rings, in an elementary way, for non-specialists. Emphasis will be placed on the basic physical concepts; a knowledge of classical mechanics and electromagnetic theory will be assumed.

FILM BADGE NOTICE

Period 7 commences Monday 18 June. Colour Strip - RED for B_y films and neutron packs. Please change your dosimeters promptly and return all old ones.

Six monthly TLD change for people with surnames commencing Y, Z, A, B.

POUNDS FOR SYMBOLS

The Civil Service Department has issued details of a competition for the design of a symbol for staff suggestion schemes in the Civil Service. A poster and a copy of the General Notice will be posted on notice boards.

The prize for the winning design will be £100 and prizes of £50 and £25 will be paid for the designs judged second and third best.

Further copies of the General Notice may be obtained from:- J A Wheeler-Secretary, Local Suggestion Awards Committee, Room 54, Atlas Computer Laboratory.

MISSING EQUIPMENT

The following item of equipment has been reported missing from G3 Laboratory, R2/Prep. Area R2:-

Grid Dip Oscillator Ser No 208233

Anyone with information on the present whereabouts of this item is asked to contact Mr R L Redgrave, Building R2, Ext 6109.

Avo meter Ser No 116849, RHEL No 04002

Information on this item to Mr J V Lawler, Building R18 Ext 578/573

ROADWORKS ON ROAD 4 AND FERMİ AVENUE

Road 4, near R54, will be restricted to traffic on Saturday 16 June and Fermi Avenue to the west of the Atlas Laboratory will be restricted to traffic on Sunday 17 June. The roads will be half closed at any one time for the installation of cable ducts and drivers should proceed with caution.

FOUND

An envelope marked 'Well etched material from Oxford', dated 16 1 73 has been handed in to the Editor from whom owner may claim.

LOST

One blue folding camp bed is missing from K15 Local Control Room. Anyone knowing the whereabouts of this item, please contact Dr V J Smith Extension 370.

OVERSEAS VISITS

Drs C J Batty, R A J Riddle, M Eckhause and R E Welsh, to Uppsala, Sweden, 17 - 23 June, to attend 5th International Conference on High Energy Physics and Nuclear Structure.

Dr J M Valentine, to CERN, 17 - 20 June, for discussions.

Mr J Penfold, to ILL Grenoble, 17 June - 6 July, for computer control system work.

Dr D B Thomas, to Karlsruhe, 18 - 19 June, for meeting on GESSS collaboration.

The Director, to CERN, 18 - 21 June, to attend CERN Committee of Council and CERN Council meeting.

Dr M R Jane, to CERN, 18 - 22 June, for discussions of Omega Neutron Trigger experiment