



Rutherford
Laboratory

30 July - 13 August 1973

bulletin 27

OBITUARY NOTICE

We deeply regret to announce the sudden death of Mr G Hardaker on Sunday 15 July. He was aged 49. Geoff, a member of the Harwell Contracts and Stores Department, came over to the Laboratory in 1961 and worked in the Rutherford and Atlas Laboratory Liaison Section, in Building R20.

Geoff's cheerful nature will be missed, not only by his friends and colleagues but by all who came into contact with him. We extend our deepest sympathy to his wife Mary.

A collection in memory of Geoff is being made; and, at the suggestion of Mrs Hardaker, this will be sent to his favourite charity - the Royal National Life-Boat Institute. Anyone wishing to contribute should get in touch with either Roy Brabben or Patrick King, Contracts, Building R20.

PHYSICISTS - YOUR COMMENTS PLEASE

On 15 June 1973, the first meeting of Working Group 3 of the European Committee for Future Accelerators (ECFA) was held at CERN. The terms of reference of Working Group 3 are:-

- 1 To examine the relationship between the constituent parts of the high energy community.
- 2 To examine the relationship between the high energy physics community and the physics community as a whole.
- 3 To make recommendations.

The discussion at this meeting was wide ranging. Amongst the topics considered were:-

- 1 The problems affecting the individual physicist (career, working, social and administrative problems) and how these are affected by the CERN/National Laboratory/University structure.
- 2 The problems affecting national and international institutions, the interdependence of these bodies and the future framework of the relationships between them.
- 3 The interaction of high energy physics with other branches of physics, the scientific community in general and with society at large.

Working Group 3 feels that the problems facing high energy physics, outlined above, go very deep and are worthy of serious consideration. Physicists are invited to give their opinions about the terms of reference and any topic they consider relevant (whether outlined above or not).

Send any comments you have (preferably identifying your discipline - HEP or otherwise -, your employing institution and your status in that institution) to D Baugh, Rutherford Laboratory, Building R20, Chilton, Didcot, Berkshire, if possible before 10 August 1973.

FILM BADGE NOTICE

It is Period 8. Colour Strip - PURPLE for 8y films and neutron packs.

Please check that you are wearing the correct films and that all old ones are returned.

BULLETIN NOTICE

Owing to unforeseen complications, the Editor is still in residence in Room 42 R20 therefore the requests that telephone enquiries regarding the Bulletin should be made to Mr F Harden and Lecture Theatre bookings should be made through Mr Heming, should be disregarded until further notice.

TRAINING CONCESSIONS 1973-74

Employees of the Rutherford and Atlas Laboratories may now apply for training concessions for courses at local Technical Colleges and application forms for this purpose are available from Local Admin Officers and from the Training Section, Building R20. College prospectuses

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INTERNAL EVENTS

NIMROD LECTURE SERIES

Monday 30 July

11.30

Lecture Theatre

Helicity Conservation: A Comparison In p^- Photoproduction and πp Scattering

Dr G Chadwick/SLAC

HEP SEMINAR

Wednesday 1 August

11.00

Conference Room, Building R1

On Searching for Charmed Particles

Professor George Snow/University of Maryland-USA

NIMROD SCHEDULE

CYCLE 7 17 7 73 - 5 8 73

MACHINE PHYSICS

HIGH ENERGY PHYSICS

| <u>Team</u> | <u>Beam</u> | <u>Experiment</u> | <u>State</u> |
|--|-------------|---|--------------|
| BRISTOL/SOTON/RHEL | K15 | π^+ -p Differential Cross-Sections | Data |
| CHURCHILL HOSPITAL/ BART'S MEDICAL COLLEGE/ RHEL | π 11 | Radiobiological and Ion Chambers Evaluation | Tests |
| COUNTER GROUPS A & C/ DETECTORS GROUP | π 8 | Proposal Studies and Detector Evaluation | Tests |
| BIRMINGHAM/SURREY/RHEL | K17 | Stopping Kaons | Setting up |
| CERN/ORSAY/OXFORD | P81 | Hadron-Proton Spin | Setting up |

Cycle 8 17 - 26 August. Full details will be given in the next Bulletin dated 13 August. However very little change is expected from that shown in Cycle 7. Possible additions are K19 - taking data, and π 12 - installation.

STOP PRESS

UNDELIVERABLE MAIL

A letter addressed to P Sunle or P Simle has been received from the AA containing a selection of Motorway maps. The owner can collect from the Editor, Room 42, R20.

BARGAIN BASEMENT - LIBRARY STYLE

The impossible is happening. The Librarian is actually giving away books and, without a signature. These books are older and discontinued editions, however she hopes that this will not be taken as a blanket invitation for the rest of the Library stock. Please see staff at enquiry desk.

RUTHERFORD LABORATORY BULLETIN

Published by the Scientific Administration Group

Editor: H F NORRIS

Deadline
for
Insertions

GENERAL & SOCIAL NEWS

INTERNAL & EXTERNAL EVENTS

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

Tuesday 1600

Wednesday 1200

**TRAINING CONCESSIONS
1973-74 (Continued)**

will be distributed to Local Admin Offices as soon as they are available and they can also be seen in the Library and the Training Section.

It would be appreciated if all completed and countersigned applications could be in the hands of the Training Officer not later than Wednesday 15 August. If exam results are still outstanding by this date, a conditional concession will be given. Employees seeking advice on training matters should make an appointment on Ext 555 to see the Training Officer, Mr T F Gubbins.

Enrolment details will be given in a later issue.

OVERSEAS VISITS

Dr R J N Phillips, to CERN, 29 July - 1 August for discussions.

Dr D B Scott, to CERN, 2 - 15 August to promote use of the terminals attached to the GEC 2050 workstation, to give a seminar and to have discussions about graphics, terminal equipment and links. During this period he will visit ILL Grenoble for discussions.

Mr P B Nichols and Mr R Walls, to CERN, 5 - 8 August for liaison officer duties.

Dr A S L Parsons, to the USA, 10 - 28 August to attend the American Physical Society Conference at Berkeley, 13 - 17 Aug, the Stony Brook Conference on 23 - 24 August and to visit ANL and BNL.

Dr J J Thresher, to the USA, 12 - 24 August to attend the American Physical Society Conference at Berkeley and to visit SLAC, TRIUMF and NAL.

Dr J B Forsyth, to the USSR, 13 - 29 August, to attend the Sagamore Conference on Charge and Spin Density at Minsk and the International Conference on Magnetism at Moscow.

Dr G V Guy, to the USA, 6 August - 14 September, to visit NAL, LBL and ANL for discussions and collaboration on experiments.

SOCIAL NEWS

FAMILY EXCHANGE ARRANGEMENT - GRENoble

A staff member of the Institut Max Von Laue, Paul Langevin (ILL), Grenoble, has enquired about the possibility of making an arrangement with a family in England for exchange visits of their respective children. Anyone interested is invited to contact Dr Hobbs (Ext 418) to obtain details.

A FAMILIAR FIGURE RETIRES

Mr R G Crittall retired last Friday, 20 July after spending over twelve years at the Laboratory. Reg joined the staff on 6 February 1961 as a Security Warden in which post, he remained for over eight and a half years. Since November 1969 he has been a Messenger in Building R1. Jack Marshall presented Reg with a cheque contributed by friends and colleagues and wished him a long and happy retirement.

CHRISTIAN FELLOWSHIP

How much would a nation pay for PEACE within its own frontiers and with the world outside? How much would any individual pay for PEACE within himself and with all those around? Jesus said "My PEACE I leave with you. My PEACE I give unto you". What is this PEACE and can we experience it in our own lives? The Rev G Crees of Chilton Parish Church will be talking on this at 12.30 on Friday 27 July in the Conference Room, R12. All are very welcome to come along.

On Friday 3 August, Jimmy Darius of R12 will be leading the monthly prayer meeting and all are welcome to attend. As usual the meeting commences at 12.30 and will be in the Conference Room R12.