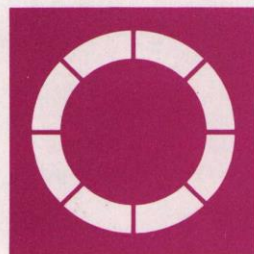


No 29/70
10 Aug 70



Rutherford Laboratory Bulletin

General News

FAREWELL TO A PIONEER

Harry Chandler retired on Friday, 24 July 1970 for the second time in a working life spanning 50 years. However retirement in his case is a temporary phase as he will shortly be taking up a new appointment.

Born 26 July 1905, Harry left school at the age of 13 and in 1920, at the mature age of 15, joined the Royal Navy. For the next 28 years he saw the world from above and below the oceans and his stories of life during that period are fascinating endless and often unprintable. There is no doubt that the training and experience gained during this period proved to be of great value in his work at AERE and RHEL. His solutions to problems were often, to say the least, unorthodox, but highly successful. Harry's first retirement came in 1948 when he left the Royal Navy with the rank of Warrant Officer.



He joined AERE in December 1948 and became a member of the EM Separator Group in Hanger 7. In 1953, with Leo Hobbs, Ted Harrison, Bob Fowler and John Brown, he moved over to what was to become the Rutherford Laboratory site, to work on the Ion Source and Injector for the PLA, so he can certainly claim to be one of the pioneers of the Laboratory. It is reported that the facilities on site consisted of one office, one laboratory and one chemical toilet. He moved on to the Nimrod Injector Group, then to the General Physics Group and finally in 1966, to the Vacuum Section of the Nimrod Engineering Department.

On Friday, 24 July at 11 am in the RI Conference Room, Harry, surrounded by many of his friends and colleagues, took his farewell of the Laboratory. The Director, Dr G H Stafford who made the presentation, said that there had not been many retirements so far and although there was sadness about such an occasion when an old member of staff said farewell, there was also pleasure in the getting together of so many people to express their good wishes for the future.

Harry, who had chosen a set of kitchen chairs as his parting gift also received a card with 130 signatures and a surprise present of an engraved cigarette lighter. One gathers that his wife will now have the pleasure of using her own lighter again.

The Director read a letter from the Chairman of the SRC in which he expressed his appreciation of Harry's services to the Council. We are sure his many friends who were absent on Friday will join us in wishing Harry Chandler a happy and successful future in his new post.

TRAINING CONCESSIONS 1970-71

- 1 Employees of the Rutherford and Atlas Laboratories may now apply for training concessions for courses at local Technical Colleges. Application forms for this purpose are available from Local Administration Officers and from the Training Section, Building R20. Completed and countersigned application forms should be forwarded to the Training Section, Building R20.
- 2 College prospectuses will be distributed to Local Administration Officers as soon as they are received and they can also be seen in the Library and in the Training Section. Employees seeking advice on training matters should make an appointment on Ext 555 to see the Training Officer, Mr T F Gubbins.
- 3 Enrolment

Reading College of Technology: Staff of the Electrical and Mechanical Engineering Departments will visit the Rutherford Laboratory on the afternoon of Friday, 4 September to advise prospective students and to accept enrolments. Employees who wish to take advantage of these facilities should report to the Personnel Group Waiting Room, Building R20 at 2.15 pm on that day. Those who will be unable to attend at this time are asked to let the Training Officer have full information beforehand to enable him to make enrolments on their behalf.

North Berks College: Former students of the College will receive pre-enrolment forms from the College and these should be returned direct to the College. Other prospective students at this College should let the Training Officer have full information before 4 September, otherwise it will be necessary for them to enrol at the College in person.

Oxford Polytechnic: Enrolment is normally on the first day of class. Enquiries may be made by telephone or in person by appointment.

MISSING EQUIPMENT The following item of equipment has been reported missing from the UCL Laboratory, R1:-
O - 8 BA Socket Set

Any information on the present whereabouts of this item is asked to contact D B Webb, Building R1, ext 576.

NATIONAL SAVINGS SCHEME - WEEKLY CYCLE

National Savings Certificates are now ready for collection from the Cash Office, R20, during normal Cash Office hours.

LECTURE THEATRE The Lecture Theatre will not be available for booking during the week commencing 10 August owing to building work.

BULLETIN The current issue of the Bulletin will again cover two weeks. Contributions for the next issue should be sent to the Editor not later than Wednesday 19 August.

FILM NOTICE Period 9 commences Monday 10 August. Colour strips Light Blue for $\beta\gamma$ films and fast neutron packs. Please change your dosimeter promptly and ensure all old ones are returned.
TLD changes for people with surnames commencing with G H I J.

OVERSEAS VISITS Dr J R Smith, 6-12 August, Dr J J Phelan and Dr J Barlow, 6-13 August Dr T C Bacon, Dr G Gopal, Dr P J Litchfield, 13-20 August, to CERN for 4 GeV π^+d experiment. Dr J Garvey to CERN, 9-14 August, for discussions on Omega Project. Mr L Phillips and Mr C Page to CERN, 10-20 August, for supervision of packing and listing of Dr Bugg's experimental equipment for shipping to RHEL. Dr D B Scott, to CERN, 11-12 August to discuss graphical terminals and the Focus Project. Mr J A Fox to CERN, 11-14 August for discussions with CERN regarding electrical power arrangements for CERN 11.

DEMONSTRATION Marconi-Elliott Ltd will give a presentation of the Videodata 4000 Data Display Terminal on Wednesday, 12 August at 10 am in the East Wing Conference Room R1. The presentation will involve a descriptive lecture, demonstration and question time.

Machine Schedules

NIMROD Cycle 10 (11 8 70 - 1 9 70).
High Energy Physics

Team	Beam		
RHEL/CERN/Univ Coll London	X1/K9	Study of $\Lambda^0 B$ Decay in the 1.5m Chamber	Data
Birmingham U/RHEL	X2/K12A	K ^-n Elastic Scattering between 450 and 950 GeV/c	Setting up
Camb U/RHEL	X2/K13	Testing of Apparatus - Future Experiments	Setting up
Oxford U/RHEL	X2/K14A	Polarization Effects in π^+p Elastic Scattering	Data
Imp Coll/Soton	π^7	Investigation of Narrow Bosons Produced in π^+p Collisions	Data
Surrey/B'ham/RHEL	π^{10}	Total Reaction Cross-Sections for Pions on Nuclei	Setting up

Internal Events

Fri, 21 August 11 am Conf Rm R12	HEP Dis Grp	T Pradhan (Saha Univ, Calcutta)	Algebra of Pion Sources
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External Events

Thur, 13 August 2.15 pm Nuc Phys Lecture Rm 21 Banbury Road, Oxford	Nucl Phys Seminar	Prof A Pagnamenta (Rutger's Univ Max Planck Inst, Munich)	The magnetic form factor of the proton
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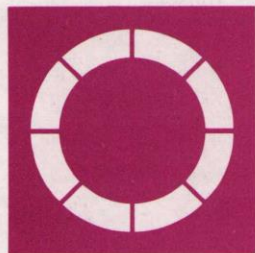
Social News

CHRISTIAN FELLOWSHIP 14 August Everyone welcome to a Bible Study on the Book of Romans, Chapter 11-13 led by Robin Elliott in the PLA Conference Room, R12 at 12.30 pm.
21 August What does the Bible Teach about Eternal Security? Frank Smith will lead a discussion on this subject in the PLA Conference Room, R12, at 12.30 pm. All are welcome.

Rutherford Laboratory
6 8 70

H F NORRIS Ext 484
Scientific Admin Group
Building R20

No 30/70
24 Aug 70



Rutherford Laboratory Bulletin

General News

BULLETIN The current issue of the Bulletin will again cover two weeks after which it will revert to weekly publication.

THE COSENERS HOUSE The Coseners House will be closed to visitors from Friday, 21 August to Wednesday, 16 September 1970 to enable extensive repairs to the domestic hot water system to be undertaken.

Visitors requiring accommodation should telephone Miss S Green on Abingdon 3198 between 9 am and 4 pm to arrange alternative bookings at local hotels.

FILM NOTICE It is period 9. Colour strip - LIGHT BLUE for $\beta\gamma$ and fast neutron packs. Please check that you are wearing the correct dosimeter and that all old ones are returned.

UNDELIVERABLE MAIL A communication has been received from the Technical University of Poznan, Poland, addressed to Dr R L Russell, Building R1. The letter is concerned with the emission of charged particles from trypsin mixed with components of light elements, using nuclear emulsions.

A communication has also been received from Officine Nazionali Brevetti de Angeli in answer to an enquiry dated 16 July. The letter gives details of their production range of braidiers for copper wires etc.

An airmail letter has been received addressed to Steve Patterson, Rutherford HI-Energy Lab, sent from Lakeview, Oregon USA.

All these items may be claimed from H F Norris, Room 42 Building R20.

UNDELIVERABLE GOODS Will the person who ordered 6 single Welders Gauntlets from "Greenham Tool Co" by phone in May 1970, please contact Mr D B Howe, Ext 580 as soon as possible.

TRAINING CONCESSIONS 1970-71 1. Employees of the Rutherford and Atlas Laboratories may now apply for training concessions for courses at local Technical Colleges. Application forms for this purpose are available from Local Administration Officers and from the Training Section, Bldg R20. Completed and countersigned application forms should be forwarded to the Training Section, Bldg R20.

2. College prospectuses will be distributed to Local Administration Officers as soon as they are received and they can also be seen in the Library and in the Training Section. Employees seeking advice on training matters should make an appointment on Ext 266 to see the Training Officer, Mr T F Gubbins.

3. **ENROLMENT - READING COLLEGE OF TECHNOLOGY** Staff of the Electrical and Mechanical Engineering Departments will visit the Rutherford Laboratory on the afternoon of Friday, 4 September to advise prospective students and to accept enrolments. Employees who wish to take advantage of these facilities should report to the Personnel Group Waiting Room, Bldg R20 at 2.15 pm on that day. Those who will be unable to attend at this time are asked to let the Training Officer have full information beforehand to enable him to make enrolments on their behalf.

NORTH BERKS COLLEGE Former students of the College will receive pre-enrolment forms from the College and these should be returned direct to the College. Other prospective students at this College should let the Training Officer have full information before 4 September, otherwise it will be necessary for them to enrol at the College in person.

OXFORD POLYTECHNIC Enrolment in the School of Science will be on the first day of class. Enrolment in the School of Engineering may be made in straightforward cases only by informing the Training Officer before 11 September. Students whose studies require discussion must enrol in person on dates given in the departmental timetables.

HARKNESS FELLOWSHIPS OF THE COMMONWEALTH FUND OF NEW YORK 1971/1972 "Harkness Fellowships are awarded by the Commonwealth Fund of New York, an American philanthropic foundation, to a limited number of exceptional young men and women and offer them the opportunity to further their education while becoming familiar with the people and culture of the United States." Further details of the Fellowships may be obtained from the Training Section, Bldg R20, Ext 266.

WINSTON CHURCHILL TRAVELLING FELLOWSHIPS 1971 These Fellowships are intended to give men and women from all walks of life the chance to enlarge their experience by travel abroad and to use what they learn there to enrich the whole community. Further information from Training Section, R20.

JAPANESE GOVERNMENT INTERNATIONAL AWARDS are made to enable a scientist or engineer to study for a period of approximately seven months in Japan at a Government Research Establishment. Further information from Training Section, R20.

AERE BUS SEASON TICKETS Mrs R T Walker is now responsible for AERE bus season tickets. Mrs Walker's office is Room 75, Bldg R20, Ext 402.

MISSING EQUIPMENT The following item of equipment has been reported missing from Bldg R25:

Stop Watch, Ser/No 60/0165

Anyone with information on the present whereabouts of this item is asked to get in touch with Mr G Soulby, R25.

RAINCOATS ADRIFT Mr B G Silcock reports that his blue raincoat was taken from the Library in error, at lunch time on Wednesday 19 August. Would the owner of the blue raincoat that was left behind, please contact Mr Silcock so that an exchange can be made. He is in Bldg R25 Ext 224.

OVERSEAS VISITS Dr A T Lea, to CERN, 23-28 Aug, for consultations with members of the theory group.
 Prof W D Allen, to the USA and Canada, 23 Aug-11 Sept, to attend Conference on Vacuum Breakdown, Waterloo, Ontario and to visit various laboratories.
 Mr K C Myers, to CERN, 25-27 Aug, for discussions on cryogenic safety.
 Dr J Phelan, to Kiev, Russia, 25 Aug-8 Sept to attend Conference on High Energy Physics and to visit Serpukhov.
 Dr P J Duke, to Kiev, Russia, 25 Aug-4 Sept to attend Conference on High Energy Physics.
 Dr D Baugh, to the USA, 29 Aug-7 Sept, to attend 3rd International Symposium on Polarization Phenomena in Nuclear Reaction.
 Dr W A Smith and Mr K H Davies to the USA and Canada 29 Aug-14 Sept, to attend 4th International Symposium on Vacuum Breakdown, Waterloo, Ontario, also to visit various laboratories in the USA.
 Dr D J Nicholas, to the USA and Canada, 30 Aug-17 Sept, to attend 3rd International Symposium on Polarization Phenomena in Nuclear Reactions, at Madison, Wisconsin and present a paper. He will also visit other laboratories.
 Miss A G Abbott and Dr R A Rosner, to Varenna, Italy, 30 Aug-12 Sept, to attend CERN Computer and Data Processing School.
 Dr S F J Read, to Bucharest, Rumania, 31 Aug-7 Sept, to attend and present paper at the 16th AMPERE Colloquium on Magnetic Resonances and Related Phenomena.
 Mr M R Harold, to CERN, 2-3 Sept, to attend meeting of the 300 GeV Ejection Study Group.
 Dr P K Kabir, to Hungary and Yugoslavia, 6-16 Sept, to attend a Symposium on Hadron Spectroscopy at Balatonfured and to lecture at the International School of Elementary Particle Physics, Herceg Novi.
 Mr P H Sharp, to Russia, 7-19 Sept, to attend International Instrumentation Conference at Dubna.
 Mr W Walkinshaw, Dr R Taylor, Mr J W Burren, Mr H Hurst, Mrs M Curtis and Mr G Adamson, to Munich, 8-12 Sept, to attend SEAS Conference.

Machine Schedules

NIMROD Cycle 10 (11 8 70 - 1 9 70)
 High Energy Physics (X1/K9, X2/K12A, X2/K13, X2/K14A, π 7 and π 10)
 Full details of Cycle 10 were given in Bullet No 29/70.

NIMROD Cycle 11 (1 9 70 - 22 9 70) Provisional only.
 High Energy Physics (X2/K12A, X2/K13, X2/K14A, X3/ π 8, X3/K15 and π 10).
 Full details of Cycle 11 will be given in the next Bulletin, No 31/70.

Internal Events

The HEP Discussion Group Meeting arranged for Friday, 21 August has been cancelled.

Social News

CHRISTIAN FELLOWSHIP Fri, 28 Aug, 12.30 pm, R12 Conf. Rm. Bible Study on the Letter to the Romans Chapters 13-16, led by Dennis Williams. All welcome.

Fri, 4 Sept, 12.30 pm, R12 Conf. Rm., Prayer Meeting led by Ray Powell. All welcome.

Rutherford Laboratory
 21 8 70

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