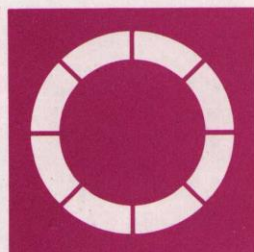


No 20/70
1 June 70



Rutherford Laboratory Bulletin

General News

NATIONAL SAVINGS CERTIFICATES - Salary Cycle ended 31.5.70. Certificates can be collected from Cash Office, R20, from 1.6.70 onwards. Please note that from 1.6.70, the Laboratory will be operating its own National Savings Scheme, therefore new enrolment forms will be required from all personnel, including present participants, who wish to join the scheme. The cycle will be operated to comply with decimalisation coinage and the minimum deduction will be 4/- per month for a period of 5 months. Enrolment forms will be sent with the May pay slip or they can be obtained from the Cash Office R20. A notice regarding the weekly cycle will be issued at a later date.

Regular savings can also be deducted from pay under S.A.Y.E. arrangements. Particulars can be obtained from the Salaries Office.

INFORMATION FROM JAPAN. A letter and brochure has been received from Mr Kikuchi of the Sumitomo Shipbuilding and Machinery Co Ltd Japan. The text of the letter is as follows:-

"Thank you very much for your kindness to invite me, as a member of Cryogenic Association of Japan, to your company on 5 June 1970. I would like to see you and exchange information, etc etc."

Would the person who invited Mr Kikuchi to the Laboratory please collect this material from H F Norris, Scientific Administration, Room 42, R20.

FILM NOTICE. It is Period 6. Colour Strip - BROWN for $\beta\gamma$ and fast neutron packs. Please check that you are wearing the current dosimeter and that all old ones are returned.

MISSING EQUIPMENT. The following items of equipment have been reported missing from R35 and R36:-

Marconi Valve Voltmeter, Type T1041, Ser. No 1993095
Wolf Electric Drill, $\frac{1}{4}$ " Ser. No 50045

Anyone with information on the present whereabouts of these items is asked to contact Mr L J Appleby, Building R36, Ext. 6125

CONGRATULATIONS to Alex Goode on becoming Mayor of Wallingford. Alex, who is head of the Building and Mechanical Services Group, joined the Laboratory from the Capenhurst Works of the UKAEA and took up residence in Wallingford in January 1958. Up till then he admits that he had never heard of the place and in fact had to ask his way at Dorchester.

He obviously soon became very well acquainted as he was elected to the Borough Council in May 1963 and on 21 May this year was installed as Mayor. The office dates back to the early 13th Century and has been continuous except for a few years during the Civil War (Cromwell's). Alex has also represented Wallingford on the Berks County Council from 1967 to 1970.

Very early in his year as Mayor he will be visiting the USA to take part in the tencentenary celebrations of the foundation of Wallingford, Connecticut. Alex should feel quite at home as within a few miles he can visit such places as Oxford, Bristol, Durham, Plymouth, Manchester, Glastonbury etc etc.

We would like to join his many friends and colleagues in wishing Alex a happy and successful year as Mayor of the Ancient Borough, - that is Wallingford, UK and not Connecticut.

OVERSEAS VISITS Dr T G Walker, Mr N M King and Mr D Maden to CERN 31 May - 2 June, to attend the Beams working Group meeting. Dr F Drago, to Naples 3 - 12 June to attend the "Meeting on Phenomenology and models of e.m. and Strong Interactions of High Energy" and for discussions with members of the theory groups at Frascati and CERN

EXHIBITION IN R1 - A display illustrating the work on Concrete Insulated Magnets is on view in the foyer of Building R1.

Machine Schedules

NIMROD Cycle 6 (19.5.70 - 9.6.70)

Machine Physics. Development of New Extraction Techniques in X3

Internal Events

Mon, 1 June, 11.30 am
Lecture Theatre

Wed, 3 June, 11 am.,
Conf. Rm., R1

Mon, 8 June 11.30 am.,
Lecture Theatre

Nimrod Lecture
Series

HEP Disc Grp.

Nimrod Lecture
Series

Prof. G Kane
(RHEL and Michigan)

Dr A Love
(RHEL)

It is probable that a lecture will take place and details will be promulgated in R22 Lounge.

The Structure of High Energy Scattering -
Experimental and Theoretical

Washington A.P.S. Meeting - revisited

External Events

Mon, 1 June, 4.15 pm.,
Queen Mary Coll. London

Tues, 2 June, 2.30 pm.,
Banbury Rd., Oxford

Theor. Phys.
Seminar

Nucl. Phys.
Seminar

Prof. C Moller
(Copenhagen)

Prof. C K Bockelman
(Yale Univ)

The Thermodynamical Potentials in the
Theory of Relativity.

Low Energy Electron Scattering as a Nuclear
Probe.

Wed, 3 June, 3 pm., Univ of Cambridge	High Energy Phys. Seminar	T Fulton	Positronium Hyperfine Structure and Tests of Low Energy Q.E.D.
Thurs, 4 June, 4.15 pm., Clarendon Lab., Oxford	Theor. Phys. Seminar	Prof. R Brout (Brussels)	An approach to phase transitions.
Thurs. 4 June, 8.30 pm., 21 Banbury Rd., Oxford	Seminar	Dr N Byers	Diffraction dissociates
Fri, 5 June, 2.15 pm., Univ. of Southampton	Particle Phys Seminar	Dr R J N Phillips (RHEL)	Unconventional Asymptotics

Social News

AERE HORTICULTURAL SOCIETY. "Growing Fuchsias", a lecture and demonstration by Konrod Engbess of the Hyde Farm Nurseries, Marchan, on Thursday, 4 June, commencing at 7.30 pm, in the Rutherford Laboratory Lecture Theatre. There will be a charge of 2/6d for this lecture to help pay for refreshments but each ticket will be numbered so there is the chance of winning the raffle. Tickets from Mrs O Collett, Building 521 or H F Norris R20.

CSMA. OXFORD GROUP. Sunday 7 June, A Treasure Hunt on foot. Suitable for all the family, meet on Shotover Hill between 2 and 3 pm. Bring a picnic tea. Only 2/6d to enter.

SRC SPORTS DAY. The third annual Sports Day will be held at Chiswick on Wednesday, 1 July. Staff are reminded that subject to certain requirements given in SRC Circular 16/69 they can be granted time-off for the purpose of attending as spectators. Attendance by participants may be treated as official duty. Names of spectators or players to Peter Craske please, Ext. 275. Activities this year:- Cricket, Bowls, Netball, Tennis and Football. More news later.

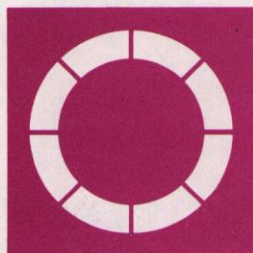
CHRISTIAN FELLOWSHIP - Friday 5 June - Prayer meeting in the PLA Conference Room R12, at 12.30 pm led by Frank Smith.

Rutherford Laboratory

29.5.70

H F NORRIS Ext 484
Scientific Admin Group
Building R20

No 21/70
8 June 70



Rutherford Laboratory Bulletin

General News

VISITS BY PARLIAMENTARY CANDIDATES. The three candidates for the Abingdon constituency will address members of staff in the Lecture Theatre on the following dates -

Thursday 11 June, 1.0 pm.	-	Airey Neave - Conservative
Friday 12 June, 12.45 pm	-	Norman Price - Labour
Monday 15 June, 1.0 pm	-	Caradoc Evans - Liberal

WELFARE SERVICE. Mrs H Salmon, the Welfare Officer, Ext. 299, will be on leave between 8 and 21 June. Anyone needing welfare assistance is asked to contact Mrs Jeram on Ext. 72-3061.

FILM NOTICE. It is Period 6. Colour Strip - BROWN for $\beta\gamma$ and fast neutron packs. Please check that you are wearing the correct dosimeter and that all old ones are returned.

Next film badge issue - Monday 15 June.

NEW CHAIR AT READING UNIVERSITY. Applications are invited for a newly created Professorship of Solid State Electronics in the Department of Physics at the University of Reading.

Closing date for applications is 13 June 1970. Further details from H F Norris, R 20, Ext. 484

OVERSEAS VISITS. The Director, to Geneva, 7-8 June, to attend meeting of ECFA.

Dr L C W Hobbs, to CERN, 7-12 June, to attend 300 GeV Study Group Meetings and Meeting of Machine Committee

The following will be attending the International Conference on Bubble Chamber Technology to be held at the Argonne National Laboratory:-

Dr D B Thomas - 6-16 June also visiting Brookhaven
 Dr P R Williams - 6-16 June also visiting Brookhaven
 Dr R W Newport - 6-20 June, also visiting Brookhaven and attending conference on Applied Superconductivity and Cryogenic Engineering at Boulder
 Mr C W Trowbridge - 6-20 June also visiting Brookhaven, SLAC, LRL and attending Boulder Conference
 Dr C M Fisher - 7-13 June also visiting Brookhaven
 Mr J H Swain and Mr B R Diplock - 7-17 June also visiting Brookhaven and Stanford.

Machine Schedules

NIMROD Cycle 7 (9.6.70 - 30.6.70)
 Machine Physics
 High Energy Physics

Team	Beam	Experiment	
RHEL/CERN/UCL	X1/K9	Study of Λ^0 Decay in the 1.5 m. Bubble Chamber	Data
Camb.U./RHEL	X2/K13B	Investigation of Bremsstrahlung Anomalies	Data
Oxford U./RHEL	X2/K14A	Polarisation Effects in π^+p Elastic Scattering	Data
Imp.Coll./Soton	π^7	Investigation of Narrow Bosons Produced in π^+p Collisions	Data
Birmingham U./RHEL	X2/K12A	K^+n Elastic Scattering between 450 and 950 MeV/c	Setting Up
Westfield Coll./RHEL	X3/ π^8	Measurement of Eta Decay Assymetry	Setting Up
Bristol Univ.	X3/K15	K^+p Differential Cross-Sections from 1.07-2.0 GeV/c	Setting Up
UCL/RHEL)			
Leeds U.)	K8	Counter and Spark Chamber Tests	
Birmingham/RHEL/Surrey)			

Internal Events

Mon, 8 June, 11.30 am
 Lecture Theatre

Nimrod Lecture
 Series

Dr A Astbury (RHEL)

Σ Beta Decay

Tues, 9 June, 11 am.
 Conf. Rm., R12

HEP Disc Grp.

Dr D Lyth (Lancaster U.)

Parity Twins in the Carlitz/Kislinger Model

Mon, 15 June, 11.30 am
 Lecture Theatre

Nimrod Lecture
 Series

Prof. F Heymann (UCL)
 and Dr A T Lea (RHEL)

Elastic K^+p Scattering from
 1.4-2.4 GeV/c

External Events

Tues, 9 June, 2.30 pm
21 Banbury Rd., Oxford

Wed, 10 June, 2.30 pm
Univ. of Manchester

Thurs, 11 June, 4.15 pm
Clarendon Lab, Oxford

Thurs, 11 June, 4.15 pm
Univ. of Sussex

Thurs, 11 June, 8.30 pm
21 Banbury Rd., Oxford

Nucl. Phys. Seminar

Theor. Phys. Seminar

Theor. Phys. Seminar

Theor. Phys. Seminar

Seminar in Elementary
Particle Physics

Dr W R Phillips
(Manchester U.)

Prof. J G Valatin
(QMC)

Dr D ter Haar

H Osborn (Glasgow)

Dr D Barber
(Manchester U.)

Heavy Ion Reactions below
Barrier

Local Relationships and Symmetries
which May Suggest New Ways to
Describe Fields and Particles

Plasma Kinetic Equations

Theoretical Problems Associated
with n -Decay

An Experimental Study of
 $K_L^0 \rightarrow \pi^+ \pi^- \pi^0$ Decay

Social News

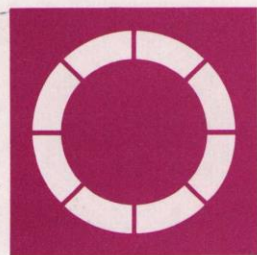
CHRISTIAN FELLOWSHIP. Friday, 12 June, at 12.30 pm in the Conf. Rm., R12

CSMA. OXFORD GROUP. Friday 12 June, Clubnight at the Old White House, Abingdon Road, Oxford.
"Here and There" Slides of the South Coast by Ken Nash. All welcome, starting at 8 pm.

Rutherford Laboratory
5.6.70

H F Norris Ext 484
Scientific Admin Group
Building R 20

No 22/70
15 June 70



Rutherford Laboratory Bulletin

General News

VISITS BY PARLIAMENTARY CANDIDATES. By the time this issue of the Bulletin is published the Conservative candidate will have addressed members of staff. The other two candidates will be speaking on the following dates, in the Lecture Theatre:

Friday 12 June 1245 pm - Norman Price - Labour
Monday 15 June 1245 pm - Caradoc Evans - Liberal

OPEN DAY - SATURDAY 4 JULY. As announced in the Bulletin some months ago, there are to be Open Days for invited guests on 2 and 3 July and for SRC staff on 4 July. Laboratory Circular 14/70 issued a few days ago, gives more details on the Saturday event. A guide book has been prepared and at least one copy will be available to each family party. It will be accompanied by a leaflet detailing the differences between the Saturday arrangements and those for the two preceding days for which the guide-book was specifically written. The leaflet will signify the precise areas to which the "over 10 years old" restriction will apply. Staff will be free to show their families their places of work even if no Open Day Exhibits are located there, with a few exceptions which again will be specified in the leaflet. When arrangements for distributing the guide-books and leaflets have been finalised, a further announcement will be made in the Bulletin.

PHYSICS WITH THE OMEGA SPECTROMETER. A discussion meeting on this subject is taking place at Cosener's House on 19 and 20 June. A total of 35 experimentors and theorists have been invited.

NIMROD LECTURE - MONDAY 15 JUNE. Owing to the change of time for the address by the Liberal candidate it is very important to make a prompt start for the Nimrod Lecture. There is no change of time for the lecture but it will start at 1130 am.

FILM NOTICE. Period 7 commences Monday 15 June. Colour Strip - ORANGE for 8y films and fast neutron packs. Please return all old films promptly.

OVERSEAS VISITS. Mr M N Wilson, to the USA, 13-26 June, to attend the Applied Superconductivity and Cryogenic Engineering Conference at Boulder and to visit other laboratories.
Dr T C Bacon, to the USA, 13 June-3 July, to attend Athens Ohio Conference and to visit various laboratories.
Dr J D Lawson, to the USA, 13 June-6 July, to attend Gordon Plasma Physics Conference and to visit various laboratories in the States and Canada.
Mr W Walkinshaw, to CERN, 14-16 June, for discussions on CERN computing.
Dr F M Russell, to the USA, 16 June-1 July for discussions at various laboratories.

Machine Schedules

NIMROD Cycle 7 (9.6.70 - 30.6.70)

Machine Physics: High Energy Physics (X1/K9, K2/K13B, X2/K14A, II7, X2/K12A, X3/II8, X3/K15 and K8)
Full details of Cycle 7 were given in Bulletin No 21/70.

Internal Events

Mon, 15 June 1130 am Lecture Theatre	Nimrod Lecture Series	Prof F Heyman (UCL) and Dr A T Lea (RHEL)	Elastic K^+p Scattering from 1.4 - 2.4 GeV/c
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Wed, 17 June 0930 am Lecture Theatre	Lectures for Experimentalists	Prof G Kane (Ann Arbor, Michigan)	An Introduction to Multiparticle Production at High Energies
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Three other lectures in this series will be given in the Lecture Theatre commencing at 0930 am on Thurs, 18 June, Tues, 23 June and Wed, 24 June.

Thurs, 18 June, 10 am - 4 pm approx R12 Conf Room Exhibition and Demonstration by Nuclear Measurements of Luton, Beds. They are exhibiting a range of energy analysis and timing electronics, solid state detectors, multichannel analysers and signal averagers for research and teaching. Further technical information on the exhibits can be obtained from H F Norris, R20, Ext 484.

Mon, 22 June 1130 am Lecture Theatre	Nimrod Lecture Series	C Schmid (CERN)	Title to be announced
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External Events

Mon, 15 June 1.00 am Univ. of Bristol	Phys. Colloq.	Prof J E Fitzgerald (Utah)	A Non-Equilibrium Entropy Concept for Continua
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Mon, 15 June 2.15 pm Univ. of Sussex	Nucl. and Elem. Part. Phys. Colloq.	Dr J W Negele (Niels Bohr Inst Copenhagen)	The Structure of Finite Nuclei in the Local Density Approximation (provisional title)
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Tues, 16 June 2 pm Daresbury Laboratory	Lecture Series	K S Heard (CERN)	Beta Decay of the Λ Hyperon
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Tues, 16 June 2.30 pm 21 Banbury Rd, Oxford	Nucl. Phys. Seminar	Prof T Yamazaki (U. of Tokyo)	Anomalous Orbital Magnetism of Proton Deduced from the Magnetic Moment of the 11-State of ^{210}Po
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Wed, 17 June 2.30 pm Univ. of Manchester	Theor. Phys. Seminar	Dr J W Negele (Niels Bohr Inst Copenhagen)	The Structure of Finite Nuclei in the Local Density Approximation
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Thurs, 18 June 4.15 pm
Clarendon Lab, Oxford

Theor Phys Seminar

Prof V Tsytovich
(Moscow)

Problems in the Theory of the Problem of the
Cosmic-Ray Spectrum

Thurs, 18 June 4.15 pm
Univ of Sussex

Theor Phys Seminar

S Bishton (Sussex)

Correlations Induced between Open Shell Electrons
by a Crystalline Environment

Social News

SRC SPORTS DAY - 1 JULY 1970 This years activities include cricket, 6-a-side football, bowls, tennis (mixed and mens doubles) and netball. The Rutherford and Atlas Labs are hoping to have entries in all the activities. Personnel wishing to take part in any of the above events or who would like to attend as spectators should contact Peter Craske, Bldg R2, Ext 275. For further information see SRC Circular 21/70. These events are open to ALL members of staff, and one final word - Names in by 17 June at the very latest.

HARWELL PHILATELIC SOCIETY The Society is holding its first Club Stamp Auction, in the large Games Room of the Social Club, at 8 pm on Tuesday 16 June. Viewing, at lunchtime, from 12 to 2 and evening from 5.30 to 8 on the day of the auction. Non-members are invited to attend to see some 230 lots (mostly collections) go under the hammer.

CHRISTIAN FELLOWSHIP 1230 pm Friday 19 June, in the R12 Conf Room. All welcome.

Rutherford Laboratory

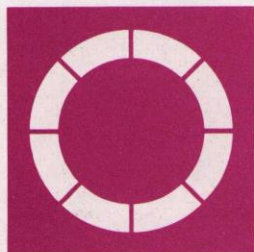
11 6 70

H F NCRRIS Ext 484
Scientific Admin Group
Building R20

STOP PRESS

SUMMER SCHOOL: Birkbeck College, London have announced summer courses in Statistics, intending to provide an understanding of the principles and basic methods of statistical assessment. Further details can be obtained from Mrs R A Jeans, R20, Ext 555.

No 23/70
22 June 70



Rutherford Laboratory Bulletin

General News

OPEN DAY - SATURDAY 4 JULY. Laboratory Circular 14/70 issued recently, gives details of the Saturday event. Attached to this circular is a form which should be completed and returned by all those intending to attend. Please help by returning this form as soon as possible and certainly not later than Monday 29 June 1970. It should be sent to Mrs N Hoyland, Bldg. R1 - why not do it now!

FOUND. Coins found on site. Enquiries should be made to Mr D Williams, Personnel Section, Ext. 495.

SITE EMERGENCY EXERCISE AT AERE. The following notice appeared in a recent issue of the Harwell Bulletin:-
"Arrangements are being made to hold a site emergency exercise on Tuesday, 14 July, 1970. The site entrances will be closed and movement around the site will be restricted to personnel involved in the exercise. Organisers of events to take place at Harwell should avoid this date where possible".

EXTERNAL COURSE. Oxford Polytechnic are proposing to run a course on Materials Handling in the Autumn of 1971. At this stage they are asking for some indication of likely support. If interested in this course, please contact Mrs R.A. Jeans, Rm.77, R.20, Ext. 555.

MISSING EQUIPMENT. A gents bicycle, RL No.317 was 'taken' from the R12 cycle shed on 17 June. Anyone who may have seen this bicycle or with information on its present whereabouts is asked to contact Mr D Jones Ext. 466 or Mr D Jacobs Ext. 441.

FILM NOTICE. Period 7 commenced Monday, 15 June. Colour Strip - ORANGE for $\beta\gamma$ and fast neutron packs. Please return all old films promptly.

OVERSEAS VISITS. Mr J F Martin, to Finland, 21 June - 6 July, to attend the 1970 Summer School at Loma-Koli.
Dr J Phelan and Dr R J Miller, to Paris, 23-24 June, to collaborate with the Ecole Polytechnique on 14 GeV Experiment.
Mr J A Fox, to Paris, 25 June for one day, for discussions with $\text{Electricit}\acute{\text{e}}$ de France regarding power lines for CERN II

Machine Schedules

NIMROD Cycle 7 (9 6 70 - 30 6 70)

Machine Physics: High Energy Physics (X1/K9, X2/K13B, X2/K14A, π 7, X2/K12A, X3/ π 8, X3/K15 and K8)

Full details of Cycle 7 were given in Bulletin No 21/70.

Internal Events

Mon, 22 June 1130 am
Lecture Theatre

Nimrod Lecture
Series

C. Schmid (CERN)

Phenomenology of Meson Baryon Scattering and the
Elimination of Parity Doublets

Tue, 23 June 930 am
Wed, 24 June 930 am
Lecture Theatre

The final two lectures by Prof. G. Kane of Ann Arbor, Michigan on "An Introduction to
Multiparticle Production at High Energies".

Mon, 29 June 1130 am
Lecture Theatre

Nimrod Lecture
Series

Prof. A.W. Wolfendale (Univ. of Durham)

The Search for Quarks.

External Events

Mon, 22 June 230 pm
21, Banbury Rd., Oxford

Nucl. Phys.
Seminar

Prof. W.A. Fowler
(Caltech)

Nucleogenesis of Helium, Carbon, and Oxygen.

Tue, 23 June 2 pm
Daresbury Laboratory

Lecture Series

J N Jackson
(Liverpool)

π^0 Photoproduction in the Third Resonance Region.

Social News

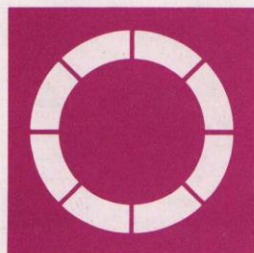
CHRISTIAN FELLOWSHIP. 12.30 pm, Friday, 26 June in the R12 Conf. Rm. All welcome.

Rutherford Laboratory

19 6 70

H F NORRIS Ext 484
Scientific Admin Group
Building R20

No 24/70
29 June 70



Rutherford Laboratory Bulletin

General News

OPEN DAYS. A Press Visit has been arranged for Wednesday morning 1 July, followed by two Open Days on the Thursday and Friday for over 500 visitors from the Universities, Government Department, and Industry. The Laboratory will be open to SRC Staff, their families and friends on Saturday afternoon 4 July from 2 p.m. - 5.30 p.m.

Guide books will be distributed under divisional arrangements to those staff taking an official part in the Open Days. Staff who require a copy of the guide book for use on Saturday should collect it from their local administration office after midday on Monday 29 June. The initial distribution will be limited to those required for immediate purposes; further copies for later use should be obtained from Scientific Administration Group after 4 July.

The Restaurant Coffee Lounge will be reserved for the Press Visit all day on Wednesday 1 July.

Regular users of the Restaurant are asked to have their meals before 12.45 pm on Thursday 2 July and Friday 3 July. Open Day visitors have been asked to use the Restaurant from 12.45 pm.

Tickets for afternoon tea on Saturday 4 July must be reserved using the form attached to RLC 14/70 and returned not later than Monday 29 June. The tickets will be available from the Restaurant Shop between 8 am - 2 pm and must be collected not later than Friday 3 July.

BULLETIN NOTICE. Due to the involvement of the Scientific Admin Group with the Open Days the next issue of the Bulletin may be curtailed and carry only basic information. Please note that the dead line for receiving information for this issue only, will be 5 pm on Tuesday 30 June and for Stop Press, 5 pm on Wednesday 1 July.

FILM NOTICE. It is Period 7. Colour Strip - ORANGE for $\beta\gamma$ and fast neutron packs. Please check that you are wearing the correct films and that all old ones are returned.

On Monday 29 June, all the $\beta\gamma$ films will be removed from the boards prior to Open Days, however films can be collected from Room 4, R20.

LOST PROPERTY. The Admin Office, RI, has a number of unclaimed items of lost property. Potential claimants should contact Mr J T Reader or Mr R F Childs in the RI Admin Office with a view to recovering any particular item. Articles unclaimed within a fortnight of this publication will be disposed of.

LOST. A pair of spectacles in a black leather case marked "Gardiner, Oxford". If found please return to Mr K H Davies, R2.

FOUND. Car Key (FP683), A.A. Key, St Christopher medallion and nail clippers on key ring. Owner please apply to the Admin Office, RI.

OVERSEAS VISITS. Dr J J Thresher to CERN, 30 June - 1 July, to attend NPRC Meeting.
Dr D L Ward and Dr B Franek, to Sicily, 30 June - 19 July, to attend the Erice Summer School.
Dr G V Dass to Sicily, 30 June to attend the Erice Summer School. He will also be visiting CERN for discussion, returning on 25 July.
Mr E W G Wallis, to CERN, 1 - 2 July, for discussion regarding p-p experiment.
Mr N M King, to CERN, 1 - 3 July, to attend meeting of 300 GeV Utilization Study Group.
Dr T G Walker, to CERN, 1 - 3 July, to attend 300 GeV Beams Committee Meeting.

Machine Schedules

NIMROD Cycle 8 (30.6.70 - 21.7.70) Closed down for Open Days 1 - 4 July
Machine Physics
High Energy Physics

Team	Beam	Experiment	
RHEL/CERN/UCL	X1/K9	Study of AB Decay in the 1.5 m. Bubble Chamber	Data
Camb. U/RHEL	X2/K13B	Investigation of Bremsstrahlung Anomalies	Data
Oxford U/RHEL	X2/K14A	Polarisation Effects in π^+p Elastic Scattering	Data
Imp.Coll/Soton	II7	Investigation of Narrow Bosons Produced in π^+p Collisions	Data
Westfield Coll/RHEL	X3/II8	Measurement of Eta Decay Assymetry	Setting up/Data
Bristol Univ.	X3/K15	K $^+$ p Differential Cross-Sections from 1.07-2.0 GeV/c	Setting up/Data
Birmingham U/RHEL	X2/K12A	K $^+$ -n Elastic Scattering between 450 and 950 MeV/c	Setting up
QMC/RHEL	P71	Counter and Spark Chamber Tests for CERN Experiment.	

Internal Events

Mon 29 June 1130 am Lecture Theatre	Nimrod Lecture Series	Prof A W Wolfendale (U of Durham)	The Search for Quarks
Tue 30 June 1130 am Lecture Theatre	Special Nimrod Lecture	Prof M Kugler (Wizmann Inst)	Do We Need Exotics
Wed 1 July 11 am Conf Rm R1	H E P Disc Grp	Dr G Thomas (CERN)	B _s Phenomenology with Pion Exchange
Mon 6 July 1130 am Lecture Theatre	Nimrod Lecture Series	Prof K Lubelsmeyer (U of Bonn)	Recent Results on Pseudoscalar Photoproduction

External Events

Tue 30 June 230 pm 21 Banbury Rd, Oxford	Nucl Phys Seminar	Dr L Heller (Los Alamos & Harwell)	The Physics of the (p,p) Interaction at Low Energies.
Thur 2 July 830 pm 21 Banbury Rd, Oxford	Seminar in Elementary Particle Physics	Dr D Barber (Manchester U)	An Experimental Study of $K_L^0 \rightarrow \pi^+ \pi^- \pi^0$ Decay

Social News

CHRISTIAN FELLOWSHIP. 26 June. Howard Donaldson from the Evangelization Society will be the guest speaker. All welcome in the R12, Conf Rm at 12.30 pm.

12.30, pm. Friday 3 July, R12 Conf Rm, Prayer Meeting led by Ken Potter. All welcome.

CSMA - OXFORD GROUP. Friday 10 July, 8 pm at the Old White House. "Treasure Hunt on the Table Top". A single route on the OS 158 map. No previous experience is necessary but bring your own map, pencils and ruler. For the ladies - a picture quiz.

Rutherford Laboratory
26 6 70

H F Norris Ext 484
Scientific Admin Group
Building R20