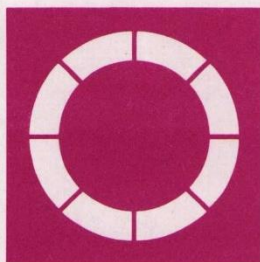


No.13/68
1 Apr 68



Rutherford Laboratory Bulletin

General News

VISITORS. Twenty-four people attending the Science Teachers Course at A.E.R.E. will visit the Laboratory on Tuesday, 2 April. Twenty-five people attending the School Maths. Teachers Conference at Oxford will visit the Laboratory on Wednesday, 3 April.

RADIATION PROTECTION NOTICE - FILM NOTICE. Period 4 commenced Monday, 25 March. Colour Strip - PINK for $\beta\gamma$ and fast neutron films.

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

MISSING. A source of Strontium 90, mounted on the tip of a stainless steel cylinder, 2mm in diameter and 1 cm long, has disappeared from a collimating source holder in Lab. G53, R.1 Link. Will anyone having any information on the whereabouts of this source, please communicate with Dr. R. C. Hanna, Ext. 436.

SCIENTIFIC ADMIN. NOTICE. The next issue of the Bulletin, No. 14/68, will cover two weeks. Items for inclusion should be sent to H. F. Norris, Rm. 21, R.20, Ext. 484 not later than Wednesday, 3 April.

FOURTH INTERNATIONAL VACUUM CONGRESS EXHIBITION. An exhibition of vacuum techniques and equipment is being staged in connection with the Fourth International Vacuum Congress, at the Manchester College of Science and Technology, Altrincham Street, Manchester, on Wed., Thurs. and Fri. 17, 18 and 19 April. Both the Rutherford and Daresbury Laboratories are exhibiting. Further particulars may be obtained from Mr. C. J. Heming, R.20, Ext. 6607.

LOCATION OF EQUIPMENT. Will the present custodian of typewriter, Remington Ser. No. C.S.J.400897, please contact Mr. J. T. Reader, Ext. 238/592, so that records can be brought up to date.

OVERSEAS VISITS. Dr. G. H. Stafford, to Vienna and Geneva, 31 March-3 April, to attend meeting of Organising Committee for Vienna Conference and also to attend meeting of Nuclear Physics Research Council in Geneva.

Dr. G. Manning to CERN, 31 March-2 April, to attend E.E.C. Meeting.

Mr. A. L. Lintern and Mr. B.T. Payne to CERN, 31 March-3 April, for discussions on magnetostrictive spark chambers.

Dr. J. J. Thresher and Dr. R. E. Hill to CERN, on 1 April, returning 3 and 4 April respectively, to attend E.E.C. Meeting and to discuss $\pi\pi\delta$ experiment.

Machine Schedules

NIMROD Cycle 4 (19.3.68 - 9.4.68)

Machine Physics: High Energy Physics (X1/K9, π^4 , K8 and K10S)

Full details of Cycle 4 were given in Bulletin No. 11/68.

P.L.A.

Date	Team	Experiment
1-2 Apr.	Manchester Univ.	Elastic Scattering of Protons off P and Closed Shell Nuclei.
3-4 Apr.		Maintenance and Setting Up.
5-10 Apr.	RHEL and QMC II	$\text{He}^4(p,p^4)$ Scattering at 50 MeV.

Internal Events

Mon. 1 Apr. 11.45 a.m. Lecture Theatre	Nimrod Lecture Series	Prof. A. Merrison (Director, Daresbury Lab.)	Experimental Programme at Daresbury.
Tues. 2 Apr. 10.30 a.m.- 4 p.m., R.25 Conf. Room	Exhibition by Coutant Electronics, Ltd., Reading, of Power Supplies, Celstab Regulator Cards, Digital Voltmeter, etc.		
Lectures for Experimentalists - No lecture this week.			
Wed. 3 Apr. 11 a.m. Conf. Room, R.1	H.E.P. Disc. Group	Dr. G. Shaw Dr. B. Kenny	Pion Baryon Sum Rules in the Resonance Approximation. Effect of a Scalar Interaction in K_{L3} Decay.
Wed. 3 Apr. 12.30 p.m. Lecture Theatre	See "Social News" for details of the "EVENT" which replaces the Wed. Film Show this week.		
Thurs. 4 Apr. 12.30 p.m. Lecture Theatre	The Thurs. film show is being replaced by the first of two talks by Prof. W. D. Allen. For details, please see "Social News".		
Mon. 8 Apr. 11.45 a.m. Lecture Theatre	Nimrod Lecture Series	Dr. G. Myatt (CERN)	Neutrino Experiments at CERN.

External Events

Thurs. 4 Apr. 4.30 p.m. 6 Carlton House Terrace London.	Royal Society Review Lecture	M. A. Grace F.R.S. (more details from H. F. Norris, Ext. 484)	The Alinement of Nuclei.
Thurs. 4 Apr. 5 p.m. Royal Inst., London	Inst. of Maths Presidential Address	Dr. P. G. Wakely	Industry and the Mathematician.
EVENTS AT A.E.R.E.			
Tues. 2 Apr. 2 p.m. Conf. Room, B.8.9	Theor. Phys Div. Colloq.	Dr. J. Simmons	The Geometrical Foundation of the Non-linear Deformation of an Imperfect Solid.

Thurs. 4 Apr. 3.30 p.m.
Conf. Room, H.8

Nucl. Phys.
Colloq.

Dr. J. A. R. Griffith
(Birmingham)

Various Experiments with 12 MeV Vector
Polarized Deuterons

Social News

RECREATIONAL SOCIETY CONCERT. In place of the usual film show the Recreational Society have arranged an attractive lunch time concert. Appearing 'LIVE' will be Susie, Gill and Dusty, singing folk songs, etc. with guitar accompaniment. Don't forget the date and time - Wednesday, 3 April at 12.30 p.m. in the Lecture Theatre.

Its 'LIVE' folk.

EASTERN TRAVELOGUE 1. Last year, Prof. Allen visited Teheran and Pakistan and he has kindly offered to give his impressions of life in these places, in the form of a talk, illustrated with colour slides. Quoting from his outline notes provides some indication of the scope of this first talk, i.e. Teheran - 4,000', at foot of Elburz mountains. Therefore cold, but ample central heating. - Like rest of Persia, floats on oil. Standard of living high. Dacca and East Pakistan - Land of rivers; jute. Case for atomic energy. Qureshi: Hussain. Slides:- River Trip, etc. West Pakistan: Khyber: Street scenes, etc. This talk replaces the usual film show repeat and will be at 12.30 p.m. on Thurs. 4 April in the Lecture Theatre.

In Part 2 of Eastern Travelogue, to be given at a later date, Prof. Allen will talk about his visit to Japan and India earlier this year.

CHRISTIAN FELLOWSHIP. 12.30 p.m., Fri. 5 April, Conf. Room, R.12.

Bible Study - "Redemption", led by John Matthews. All are welcome.

RECORD SOCIETY 1.15 p.m., Tues, 2 April, Lecture Theatre.

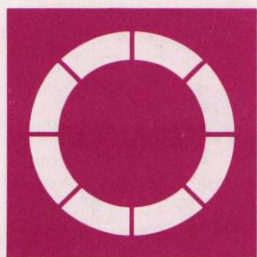
See blackboard in Coffee Lounge, R.22 for programme.

Rutherford Laboratory
29.3.68

H. F. Norris, Ext. 484
Scientific Admin. Group
Building R.20

rsp

No. 14/68
8 Apr 68



Rutherford Laboratory Bulletin

Professor B. H. Flowers F.R.S., Chairman of the Science Research Council, will visit the Laboratory on Wednesday 10 April, 1968. For details of the programme please see Rutherford Laboratory Circular 10/68.

General News

RADIATION PROTECTION NOTICE - FILM ISSUES. It is Period 4 Colour Strip - PINK for $\beta\gamma$ and fast neutron films. Please check that you are wearing the correct film.

Next film change - 22 April.

I.E.R.E. CONVENTION - ELECTRONICS IN THE '1970s'. This convention, organised by the Institute of Electronic and Radio Engineers will be held at Cambridge University from Tuesday, 2 July to Friday, 5 July 1968. Further brief details from H. F. Norris, R20, Ext. 484. Full details, registration forms etc. from - The Convention Registrar, I.E.R.E., 8-9 Bedford Square, London, W.C.1. Telephone 01-580 8443 Ext. 11.

Machine Schedules

NIMROD Cycle 5 (9.4.68. - 30.4.68)

Machine Physics
High Energy Physics

Team	Beam	Experiment	
Westfield/Imperial Coll.	X1/K9	π^+p Interactions in the National Bubble Chamber, 1.1-1.9 GeV/c	Data
QMC/AERE/RHEL	π^+4	A Study of the Σ Beta Decay	Data
Birmingham Univ.	K12	K^-p Differential Cross-sections from 0.45 to 0.85 GeV/c	Setting up
Cambridge/RHEL	K13	Test of $\Delta S = -\Delta Q$ Interactions in the Decay of K^0 Mesons	Setting up
Westfield Coll/RHEL	K14	Measurement of the Non-leptonic Decay of the Parameter of the Σ^+	Setting up
RHEL	K14A	Study of the Polarization Effects in π^+p Scattering	Setting up
U.C.L.	K8	K^-p Differential Cross-sections from 0.85 to 2.2. GeV/c	Setting up
Oxford U.	K10S	Study of $K^-p \rightarrow$ Neutral States	Setting up
UCL/CERN/Brussels U.	K11	K^- Interactions in the Heavy Liquid Bubble Chamber	Setting up

P.L.A.

Date	Team	Experiment
8-10 Apr.	RHEL and QMC II	He^4 (p,p') Scattering at 50 MeV
11-16 Apr.	RHEL 1	(p,p') and (p,t) Reactions
17 Apr.		Maintenance
18-20 Apr.	RHEL	Nuclear Physics Tests
21-24 Apr.	RHEL 1	(p,He ⁴) Scattering

Internal Events

Mon., 8 Apr., 11.45 a.m., Lecture Theatre	Nimrod Lecture Series	Dr. G. Myatt (CERN)	Neutrino Experiments at CERN
Tues., 9 Apr., 12-1.15 p.m., Lecture Theatre	Lecture for Experimentalists	Dr. B. G. Kenny	Weak Interactions: Part 1 - The Dirac Equations
Tues., 9 Apr., 2 p.m., Lecture Theatre	Staff Meeting	The Director will preside and the agenda will include the Presentation of the John Wilkens Award for 1967 (See RLC 4/68, and Amendment 1 for details).	
Wed., 10 Apr., 11 a.m., Conf. Rm., R1	HEP Disc Grp.	Dr. R. G. Moorhouse (Glasgow)	Applications of Side-wise Dispersion Relations
Wed., 10 Apr., 2.15 p.m., Lecture Theatre	Talk	Prof. B. H. Flowers FRS	See RLC 10/68 for details
Tues., 16 Apr., 12-1.15 p.m., Lecture Theatre	Lecture for Experimentalists	Dr. B. G. Kenny	Weak Interactions: Part 2
Wed., 17 Apr., 11 p.m., Conf. Rm., R1	HEP Disc Grp.	Mr. A. T. Davies (Glasgow)	$\pi^+N \rightarrow \Lambda K$ near the 1690 MeV Resonance
Mon., 22 Apr., 11.45 a.m., Lecture Theatre	Nimrod Lecture Series	Dr. J. G. Taylor (J.M.C.)	Magnetic Monopoles

External Events

Mon., 8 Apr., 6 p.m.,
Savoy Place, W.C.2.

I.E.E.T.E.
Meeting

G.G. Gouriet, Head of Research, BBC, will speak on "Colour Television". He will be introduced by Sir Francis McLean, Director of Engineering, BBC, who will also address the meeting.

EVENT AT AERE

Tues., 9 Apr., 2 p.m.,
Conf. Rm., B 8.9

Theor. Phys.
Seminar

Prof. I. Roxburgh
(Q.M.C.)

The Shape of the Sun

Social News

RECREATIONAL SOCIETY. The decorating of the Society's building (R14) is progressing well - any more volunteers? Offers of curtains, floor coverings and armchairs which could be purchased cheap by the Society would be welcome. Phone Miss J. Towers Ext 430.

RECORD SOCIETY. 1.15 p.m., Tues., 9 April, Lecture Theatre.

Special Easter Programme.

Excerpts from Handel's "Messiah", sung by Heather Harper, Helen Watts, Duncan Robertson and Roger Stalman, with the London Philharmonic Choir and Orchestra conducted by Frederic Jackson.

The next programme will be on Tues., 23 April.

CHRISTIAN FELLOWSHIP 12.30 p.m., Fri., 19 April, Conf. Rm., R.12.

Talk - "A time for Action", by John Smith Esq. of Reading
All are welcome.

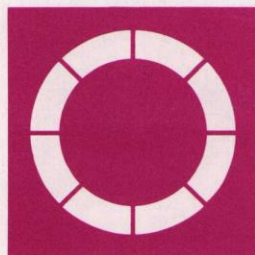
H. F. Norris, Ext. 484
Scientific Admin. Group
Building R.20

Rutherford Laboratory

5.4.68.

vlp.

No. 15/68
22 Apr. 68



Rutherford Laboratory Bulletin

General News

VISITORS. Twelve Senior Contracts Officers attending a course at AERE Harwell will visit the Laboratory on Wednesday 24 April.

Members of the Low Temperature Group of the Physical Society, London, will visit the Laboratory on Tuesday, 23 April. The main part of this visit will be in the form of a meeting at which a series of talks will be given by members of the Rutherford Laboratory staff. For details of the talks, which members of staff are invited to attend, please see "Internal Events".

EXHIBITION AND SEMINAR ON VACUUM EQUIPMENT. Leybold-Heraeus Ltd., London, are presenting an exhibition of their range of diffusion pumps, ion getter pumps, a model of a new rotary pump working on the Wankel principle and various other recent developments, in the Lecture Theatre on Friday, 26 April from 11 a.m. to 1.45 p.m. Details of the papers to be presented by Dr. H. Adam from 1.45 to 3.15 p.m. are given in "Internal Events".

FIRST INTERNATIONAL SYMPOSIUM AT DARESURY. The Daresbury Nuclear Physics Laboratory are holding an International Conference on "Beam Intensity Measurement and Calibration" from 22 - 26 April. Representatives from about forty Laboratories throughout the world have been invited to discuss common problems in this field. Inter-laboratory co-operation in the calibration of beam intensity monitors will also be considered.

JOHN WILKINS AWARD 1967. At the Staff Meeting on Tuesday, 9 April the Director, Dr. T. G. Pickavance, presented the John Wilkins Prize for 1967 to Mr. P. J. Finnigan who is now a Skilled Craftsman in the Electronics Group of H.E.P. Division. Mr. Finnigan joined the Laboratory in 1962 as a craft apprentice, after a one year pre-apprenticeship course at the South Berks. Technical College. He has obtained a Higher National Certificate with distinction in mathematics and credits in other subjects. In addition to the John Wilkins Prize, Mr. Finnigan has been awarded the A.E.R.E. electrical craftment prize for the most progress during 1967.

LIBRARY NOTICE. The direct access route to the Library, by way of the double doors adjacent to the Xerox copier room, will be unusable for some months on account of construction work associated with an extension to Building R.20. During this period, the alternative entry via the corridors of R.20 should be used. The door at the western end of the Library is for emergency use only, and should not be used for normal entry or exit at any time.

RADIATION PROTECTION NOTICE - FILM ISSUES. Period 5 commences Monday, 22 April. Colour Strip - PURPLE for $\beta\delta$ and fast neutron films. Please change films promptly and return all old films as soon as possible.

OVERSEAS VISITS. Dr. L. E. Williams to Washington D.C. U.S.A. on 21 April to present two papers at the American Physical Society Meeting, 22 - 24 April.

Dr. D. V. Bugg, to CERN, 21 - 26 April, to attend the Physics III Committee meeting and prior discussions.

Dr. C. M. Fisher, to CERN, 22 - 24 April for discussions with Dr. H. Leutz concerning the recent experiments at DESY using hydrogen targets in bubble chambers.

Mr. M. Snowden and Dr. D. Thomas, to CERN, 24 - 26 April for discussions.

Machine Schedules

NIMROD Cycle 5 (9.4.68 - 30.4.68)

Machine Physics: High Energy Physics (X1/K9, π 4, K12, K13, K14, K14A, K8, K10S and K11).

Full details of Cycle 5 were given in Bulletin No. 14/68.

P.L.A.

<u>Date</u>	<u>Team</u>	<u>Experiment</u>
22 - 24 Apr.	RHEL 1	(p, He ⁴) Scattering
25 - 27 Apr.		Maintenance
28 - 30 Apr.		P.P.S. Tests.

Internal Events

Mon., 22 Apr.,
11.45 a.m., Lecture
Theatre

Nimrod
Lecture
Series

Dr. J. G. Taylor
(Q.M.C.)

Magnetic Monopoles.

Tues., 23 Apr. Lecture Theatre. Meeting of the Low Temperature Group of the Physical Society, London to which Rutherford Laboratory Staff are invited.

The programme of talks is as follows:-

11.15 - 11.30 a.m. Mr. M. Snowden will give an address of welcome.
11.30 - 12.00 noon Bubble Chambers, by Dr. R. Newport.
12.00 noon - 12.30 p.m. Superconducting Magnets, by Dr. P. F. Smith

Slides for all.

12.30 - 1.00 p.m. Engineering Aspects of the Super Conducting High Field Bubble Chamber, by Mr. P. T. M. Clee.

1.00 - 2.00 p.m. Lunch in Restaurant.

2.00 - 3.00 p.m. Polarised Proton Target, by Dr. H. H. Atkinson.

2.30 - 3.00 p.m. Polarised Proton Target Cryogenics, by Mr. B. Colyer.

3.00 - 4.00 p.m. Visitors only will tour the Laboratory.

Tues., 23 Apr., 12 - 1.15 p.m., Conf. Room, R.12 Lecture for Experimentalists Dr. B. G. Kenny Weak Interactions: Part 3 - General Phenomenology (Please note change of venue this week only).

Wed., 24 Apr. 11 a.m. Conf. Room, R.1 H.E.P. Disc. Group Dr. J. C. Taylor (Oxford) Toller Poles.

Wed., 24 Apr. 2 p.m., Conf. Rm., R.12 P.L.A. Lecture Prof. G. W. Greenlees (U. of Minnesota) First of a series of three lectures on "The Reformulated Optical Model".

Wed., 24 Apr., 12.40 p.m. Film "Growing Better Roses", a 20 min. colour film, followed on the Thurs. 25 Apr. 1.15 p.m. Lecture Theatre Wed. only by 15 minutes of 'your questions answered' by Mr. G. Culpan (See note below).

"Growing Better Roses" has been produced by the Murphy Advisory Unit to help gardeners to grow better roses. The film, which was only released a few weeks ago, has a commentary by Franklin Engelmann.

Shooting began early in 1967 and the final scenes were taken early this year. Many of the sequences were filmed at the Royal National Rose Society's show gardens and at Murphy's trial grounds.

The film gives many ideas on planning a rose garden and offers advice on all aspects of good rose cultivation, such as choice of site and species, testing the soil and preparing the bed, planting, pruning, controlling weeds, pests and diseases, and plant nutrition.

We are also fortunate in having Mr. George Culpan, Head of the Murphy Garden Department and an authority on roses, in attendance on the Wednesday only who will answer questions after the showing of the film. After the Thursday repeat showing of the film it is hoped to play a tape recording of the Wednesday question and answer session.

Fri. 26 Apr., Lecture Theatre. 11.00 a.m. - 1.45 p.m.: Exhibition by Leybold-Heraeus Ltd. of vacuum equipment. (See "General News" for details).

1.45 p.m. - 3.15 p.m.: Dr. H. Adam from Leybold-Heraeus Ltd. will present two papers:- (a) Diffusion Pumps in Today's Vacuum Technology. (b) Ten Years of Getter-ion Pumps.

Mon., 29 Apr., 11.45 a.m. Lecture Theatre Nimrod Lecture Series Dr. C. Damarell Wide Angle Elastic Scattering at High Energies.

EVENT AT AERE.

Tues., 23 Apr., 2 p.m., Conf. Rm., B8.9 Theor. Phys. Div. Seminar Dr. J. G. Taylor (Q.M.C.) Bootstraps in Field Theory.

Social News

RECORD SOCIETY. 1.15 p.m., Tues., 23 April, Lecture Theatre

Brass Band Music by Munn and Feltons Works Band conducted by Harry Mortimer and S. H. Boddington.

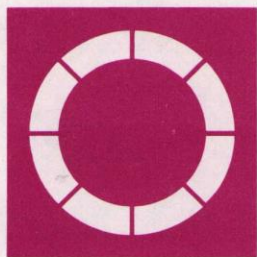
The Band, which was formed in 1933, is right in the front rank of British brass bands. In this recording various popular numbers are played featuring some of the Band's soloists.

CHRISTIAN FELLOWSHIP. 12.30 p.m., Friday, 26 April, Conf. Rm. R.12. Prayer Meeting, led by Mr. E. Newbold. All are welcome.

H. F. Norris. Ext. 484
Scientific Admin. Group
Building R.20.

Rutherford Laboratory
19.4.68

No. 16/68
29 Apr. 68



Rutherford Laboratory Bulletin

General News

VISITORS Fifteen Students from the University of Grenoble, France will visit the Laboratory on Tuesday, 30 April.

Twenty people attending the course, 'Measurement of Radioactivity', at AERE will visit the Laboratory on Wednesday, 1 May.

RADIATION PROTECTION NOTICE - FILM ISSUES. Period 5 commenced Monday 22 April. Colour Strip - PURPLE for β and fast neutron films.

Will P.L.A. personnel please note that fast neutron films will not be issued to them for the next six months. Therefore, please return all old fast neutron films and holders.

COMPUTER CARD TRAYS. Would anyone with empty computer card trays, please return them to the computer reception office, R.1.

FOUND. A Treasury note has been found on the Laboratory site. Owner please contact Mr. D. Williams, Personnel Section, R.20

Three keys (including a car key) have been found in the Restaurant. Would the owner please contact the L.A.O., Building R.1.

RAIL TRAVEL, PADDINGTON - DIDCOT. A new British Rail timetable comes into force on Sunday, 5 May. The 09.15 train shown as running non-stop from Paddington to Oxford will now stop at Didcot where it will be met by the Laboratory bus. The official timetable will be amended in due course.

INTERNATIONAL SEMINAR ON ADVANCED PROGRAMMING SYSTEMS. The Hebrew University of Jerusalem and ILTAM, the Governmental Corporation for Planning and Research, are organising an International Seminar on Advanced Programming Systems to be held at the Hebrew University Campus in Jerusalem in July 1968.

The purpose, is to offer, outside North America, an advanced course in computer science, directed to advanced system programmers and experienced computer scientists, which has been given successfully for several years at the University of Michigan, Ann Arbor. Further details from H. F. Norris, R.20.

INTERNATIONAL SYMPOSIUM. The International Association for Analog Computation (AICA) is organising an International Symposium on Analogue and Hybrid Computation applied to Nuclear Energy at Versailles, France, 16 - 18 September, 1968. Although the official closing date for the submission of summaries of papers is 30 April, they can still be accepted after this date. Further information can be obtained from H. F. Norris, R.20, Ext. 484.

OVERSEAS VISITS. The Director and Deputy Director to Prague, 2 - 5 May, to attend a meeting of the Steering Committee for the European Physical Society. Mr. J. D. Lawson, to CERN, 30 April for discussions.

Machine Schedules

NIMROD Cycle 6 (30.4.68 - 21.5.68)
Machine Physics
High Energy Physics.

<u>Team</u>	<u>Beam</u>	<u>Experiment</u>	
Birmingham U/RHEL	X1/K9	π^- p Interactions in the National Bubble Chamber at 4.0 GeV/c	Data
QMC/AERE/RHEL	π^+	A Study of the Σ Beta Decay	Data
U.C.L.	K8	K $^+$ p Differential Cross-sections from 0.85 to 2.2 GeV/c	Data
Oxford U.	K10 S	Study of K $^+$ p Neutral States	Setting up

P.L.A.

<u>Date</u>	<u>Team</u>	<u>Experiment</u>
29 - 30 Apr.		P.P.S. Tests
1 - 8 May	Birmingham U.	Polarization Measurements

Internal Events

Mon., 29 Apr.,
11.45 a.m., Lecture
Theatre

Nimrod
Lecture
Series

Dr. C. Damerell

Wide Angle Elastic Scattering at
High Energies.

Wed., 1 May,
2 p.m., Lecture
Theatre

P.L.A.
Lecture

Prof. G. W. Greenlees
(U. of Minnesota)

The second in a series of three lectures on
"The Reformulated Optical Model".

There will be no film show this week; however on Wed., 1 May at 12.40 p.m. a tape recording of the "Questions and Answers" session which took place after the showing of the film "Growing Better Roses", will be played back.

Mon., 5 May,
11.45 a.m., Lecture
Theatre

Nimrod
Lecture
Series

Dr. C. Wilkin
(U.C.L.)

The Present Status of Glauber Theory

External Events

Tues., 30 Apr.,
7.30 p.m., Univ.
of Reading

I.E.R.E.
Reading
Meeting

A paper on 'A Linear Two-Phase Induction Motor and its Electronic Control System' will be read by P. Atkinson and D. J. Beard. (Visitors welcomed at this meeting)

EXHIBITION 13 - 18 May, Olympia, London: Instruments Electronics and Automation Exhibition. Limited number of tickets available from H. F. Norris, R.20, Ext. 484.

EVENTS AT AERE

Tues., 30 Apr.,
2 p.m., Conf.
Rm., B.8.9

Theor.
Phys.
Seminar

Sir Nevil Mott, F.R.S.
(Cavendish)

The Metal-Insulator Transition

Thurs., 2 May,
3.30 p.m., Conf.
Rm., H.8

Nuclear
Phys.
Colloq.

Prof. E. W. Titterton

Physics at the A.N.V.

Social News

RECREATIONAL SOCIETY NEWS. The Rutherford and Atlas Laboratories Recreational Society will hold their Annual General Meeting on Friday, 3 May, at 12.30 p.m. promptly in the Lecture Theatre. This meeting is for members only. If you want a say in the future running of the Society and you are not yet a member, contact E. W. Clark, Bldg. R.8 for a membership application form as soon as possible.

A meeting is to be held on Monday, 29 April at 12.30 p.m. in the R.1 Conference Room to discuss the formation of a Rutherford and Atlas Lab. Cricket Club. All interested are asked to attend.

RECORD SOCIETY. 1.15 p.m., Tues., 30 April, Lecture Theatre.

"Carnival", Op. 9, for the piano, by Schumann, played by Sergio Fiorentino

CHRISTIAN FELLOWSHIP. 12.30 p.m., Friday, 3 May, Conf. Rm., R.12.

Bible Study - "Justification", led by Robin Elliott
All are welcome.

H. F. Norris. Ext. 484
Scientific Admin. Group
Building R.20.

Rutherford Laboratory
26.4.68.

pmh