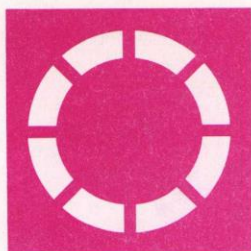


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6 Sept 65



## Rutherford Laboratory Bulletin

### General News

VISITOR Professor J.H. Williams, University of Minnesota will be visiting the P.L.A. Division on 13 and 14 September. Anyone wishing to see him should contact Mr. J.M. Dickson, Ext 446.

INTERNATIONAL CONFERENCE on "Thermionic Electrical Power Generation", London 20-24th Sept., 1965, organised by the I.E.E. under the auspices of the OECD European Nuclear Energy Agency. Details etc., from the Conference Secretariat, I.E.E., Savoy Place, London W.C.2.

MICROELECTRONICS SYMPOSIUM, at the University of Southampton, 21-23 Sept, 1965. Registration forms from - The Symposium Secretary, Dept., of Electronics, The University, Southampton. Further details from H.F. Norris, Rm 21, Bldg R.20 Ext 484.

THE BRITISH NUCLEAR ENERGY SOCIETY. Fourth Annual Lecture, "Competitive Nuclear Power" by Sir John Cockcroft, O.M., F.R.S., on Monday, 25 Oct, 1965 at 5.30 p.m. Admission by ticket only.

CONFERENCES ETC., The following list gives brief details of various conferences, symposium etc which may be of interest:

- 4-9 Oct. Meeting of the German Physical Society, Frankfurt
- 18-20 Oct. 12th Nuclear Science Symposium, San Francisco, USA
- 24-27 Oct. Conference on Weak Interactions, Argonne, USA
- 11-13 Nov. Conference on Bases for Nuclear Spin-Parity Assignments, USA
- 15-20 Nov. 2nd International Congress on Telecommunication Techniques, Madrid.

OVERSEAS VISITS The Director and various members of staff will attend the Vth International Conference on High Energy Accelerators, at Frascati, Rome Italy on the dates indicated below:

The Director,	8-15 Sept
Mr. L.B. Mullett,	8-17 Sept
Dr. L.C.W. Hobbs	8-17 Sept
Mr. W. Walkinshaw	8-17 Sept
Mr. A.J. Egginton	8-16 Sept
Mr. D.A. Gray	8-17 Sept
Mr. N.M. King	8-17 Sept

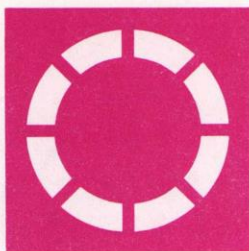
Mr. E.J.N. Wilson, to the USA 6-23 Sept, to attend the International Symposium of Magnet Technology at Stanford. He will also be visiting Berkeley, Argonne and Brookhaven for discussions.

Mr. T.N. Gover, to Hamburg, 5-15 Sept, to attend conference on the Role of Digital Simulation in Operational Research.

### Social News

CHRISTIAN FELLOWSHIP. Members are asked to note that the RHEL Group meetings will in future be held on the second and fourth Thursdays of each month, from 12.30 to 1 p.m. The first talk in the new series "Man in the Light of the Bible" will be given by the Rev. David Mills, of Tilehurst Congregational Church, on 9th September in the PLA Conference R R.12, and will be entitled: "The First Man". There will be a follow-up discussion meeting on 23rd Sept. led by Dr. John Savage of MRC. The meetings are open to all, and we would be particularly glad to see some new faces. Further details may be obtained from B.E. Kingd R.20 Ext 6297.

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13 Sept 65



# Rutherford Laboratory Bulletin

## General News

**VISITORS.** The following will be visiting the P.L.A. Division on the dates indicated:

20-21 Sept., Dr. C.D. Moak, ORNL  
20-22 Sept., Dr. S. Suwa ANL  
21-22 Sept., Dr. D. Fick, Univ. of Erlangen

Anyone wishing to see them should contact Mr. J.M. Dickson Ext 446.

**UNIVERSITY POSTS.** The University of Birmingham invite applications for the following posts:

Lectureship - for the graduate course in Reactor Physics and Technology  
Research Fellowship - in High Energy Nuclear Physics - the Appointment will be made under the terms of an SRC grant for work on bubble chamber data analysis. Applicants should have appropriate research experience and preferably hold a doctorate.

For further details, please apply to either Mr. E.W. Young or Mr. G.N. Pickles, Personnel Branch, Building R.20.

**OVERSEAS VISITS.** Mr. J.D. Lawson, to Zurich, Karlsruhe and Paris, 19-24 Sept to discuss the 1966 cyclotron conference, to visit the Karlsruhe cyclotron and also to see the heavy ion cyclotron at Orsay.

Dr. P.A. Chatterton to the USA 14 Sept-2 Oct for discussions on 2nd International Conference on Vacuum Breakdown, as a member of organising committee. He will also visit various laboratories for discussions and will attend the 12th National Vacuum Symposium, New York.

**ENGINEERING MATERIALS AND DESIGN EXHIBITION,** Olympia 13-17 Sept. Tickets will be available shortly, from H.F. Norris Bldg R.20 Ext 484.

**BULLETIN NOTICE.** The next issue of the Bulletin will cover two weeks. The latest time and date for receiving information for this issue is 9 a.m. Thursday, 16 September.

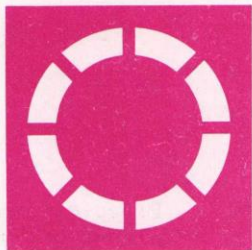
## Social News

**AERE FOOTBALL CLUB.** The AERE Football Club are interested in recruiting players for the forthcoming season. For further information please contact Mr. H. Williams, Ext 72-2349 at 10.00 a.m. or 3.00 p.m. daily.

**RECORD SOCIETY.** Weekly lunch-time concerts will commence again in October. In the meantime, anyone willing to present the occasional record from their own library is asked to contact Mr. B. Southworth Bldg R.20 Ext 6286. To enable the selection committee to choose the programme contents it is most useful to compile a list of available records, giving the following details: Title of item, playing time (if possible) performer(s), mono or stereo. The equipment now in use in the Lecture Theatre is of high standard and records will be handled with care. One essential item, the list of records should include the name, building number and telephone extension.

Rutherford Laboratory  
10 Sept. 65

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



## General News

**SCIENTIFIC ADMINISTRATION NOTICE.** The majority of the Scientific Administration Group will be in Oxford for the whole of the week of the Oxford Conference 19-24 September, inclusive. It is requested that enquiries are either held back until the following week, or, restricted to urgent matters. These should be directed to Mr. C.J. Heming, Ext 6607 or in his absence, to the Library, Ext 384.

**OVERSEAS VISITS.** Mr. J.D. Lewin, to Frascati, Italy, 20-23 September, to attend Conference on Megagauss Magnetic Field Generation.

Mr. G.B. Stapleton, to Ferrara, Italy, 21-25 September, to attend the Second European Symposium on Corrosion Inhibitors.

**EXTERNAL COURSES.** The Slough College have announced two courses, as follows:

"Radiological Protection" four day lectures, commencing 12 Oct. at 9.30 a.m.  
"Labelled Compounds", evening lectures, commencing 19 Oct. at 7.30 p.m.

The Borough Polytechnic, London, S.E.1 announce the following:

"Microwave Engineering", day-time or evening course, both commencing 29 Sept, at 9.30 a.m. and 6 p.m. respectively.

Further details may be obtained on all these courses from Mrs. M.C. Gould, Personnel Group, Bldg R.20, Ext 575.

**POST DOCTORAL FELLOWSHIPS.** A number of Post Doctoral Fellowships are being awarded by the Australian Institute of Nuclear Science & Engineering to persons holding a Ph.D or equivalent degree, who wish to undertake research projects within the fields of nuclear science and engineering. Fellowships are tenable either at the Institute itself at Lucas Heights, near Sydney or at any Australian University. Further details from Mr. G.N. Pickles or Mr. E.W. Young, Personnel Group, Bldg R.20.

## Machine Schedules

**NIMROD 2 GeV operation - Cycle 7 (27.9.65.-18.10.65.)**

Extraction Studies - external proton beam

Machine Physics

High Energy Physics:-

<u>Team</u>	<u>Beam</u>	<u>Experiment</u>	
Imp. College	$\phi 1$	A study of the $\phi \rightarrow e^+ + e^-$ decay	Setting up
UCL/Westfield Coll.	$\pi 2$	$\pi^+p$ differential cross-section measurements	Setting up
Hydrogen Bubble Chamber Collaboration.	K1	p-d and/or $\pi^+d$ runs	Data
AERE/Southampton Univ/UCL	P3	Study of $\pi^-p \rightarrow \begin{pmatrix} n + x \\ p + x \end{pmatrix}$ processes	Setting up
UCL/Bristol Univ.	P3X	A Study of the $\eta^0$ meson	Setting up
Oxford Univ.	K4	A Study of the decay modes of the $K^+$	Setting up
Birmingham Univ/Cambridge Univ.	K6	$K^-$ -nucleon total cross-section measurements	Setting up

## Internal Events

Tues., 28 Sept 2.15 p.m. Lecture Theatre	Nimrod Proposals for Experi- ments	Dr. I.F. Corbett (Oxford Univ.)	Proposal to study Neutral Final States of Pure Isotopic Spin and Strangeness Minus One, of mass greater than 1600 MeV
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(Ten at approximately 3.30 p.m. in coffee lounge)

Atlas Lab. Tues., 21 Sept 2.30 p.m. Atlas Lab. Conf. Rm.	Talk	John G. Laski (Technical Computing Develop- ment, Esso Petroleum Co. Ltd.	An Introduction to Predicative Coding.
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Tues., 28 Sept 2.30 p.m., Atlas Lab. Conf. Rm.	Talk	David C. Cooper (Computation Center, Carnegie Inst. of Tech.)	Proving the Equivalents and Convergents of Computer Programs
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## Social News

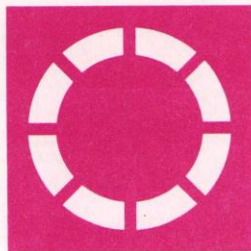
CHRISTIAN FELLOWSHIP. The R.H.E.L. Group now meets on the second and fourth Thursdays of each month, from 12.30 to 1 p.m. in the P.L.A. Conference Room R.12. The next meeting which will be led by Dr. John Savage of M.R.C. is on 23 September and will take the form of a "follow up" discussion on the talk "The First Man", held on 9 September. All are welcome, and we offer an especial invitation to those who have not attended before. Further details from J.L. Thomas, R.1 Ext 389, or from any member.

RECCRD SOCIETY. Details will be given in the next issue of the Bulletin of the first concert on Tuesday 5 Oct.

Rutherford Laboratory  
17 Sept 65

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

23 Sept 65



# Rutherford Laboratory Bulletin

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Supplement to Rutherford Laboratory Bulletin No. 36/65

Oxford Conference - Inaugural Address

A recording of the Address given by The Lord Bowden, Minister of State for Science, at the Inaugural Session of the Oxford Conference on Sunday, 19th September, can be heard in the Lecture Theatre at 12.45 p.m. on Monday, 27th September.

Rutherford Laboratory  
22nd September, 1965.

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