



Rutherford  
Laboratory

COMMON/CSCALATRM, NERR, NCH, NGAP, TSCAN, NBD, NCD, NSCAN, NRC,  
IYSEL, IYSEL, IYMAX, NTRACK, NSCAN, NFA, NFA, NFA, NFA, NFA, NFA,  
2NREGIN, NTK, NTRY, NMISS, NSSR, NEID, MAXMIM, NEIPST, NEMO, JTR,  
COMMON/CHID/MFX(24,3), MEY(30,3), NEDX(12,3), NEX(3), NEX(3),  
QTAR(2,30,3), NY(100,4), NY(100,4), XN(2), YN(3), TR(100,3),  
IDY(100,2), JDX(4), JDY(4), IHS(4), IDV(2), IUN(2), IDEL(1),  
S, NCF(16), TFS, NPS, FX, FY, JK, PIC, KPIC, NCOUNT, NBIN, MAX, MAX,  
T, MAXN, CTA, CTB, MX, MY, JA, JB, JC, JD, JF, YF(1,3),  
DIMENSION NCTR(144), NGTR(20), CTR(112), STR(12), MODE(2)

**1-15 April 1974**

**7**

**bulletin**

#### BLOOD PRESSURE SCREENING

Bulletin No. 3/74 announced details of a lecture on Blood Pressure Screening, unfortunately this had to be cancelled. Further attempts to rearrange this lecture at a later date proved impossible due to prior commitments by the medical staffs at the Radcliffe Infirmary and AERE.

The joint study is however going forward and screening involving AERE staff began on Wednesday 27 March. There was a delay in informing personnel at the Rutherford Laboratory but everyone should have now received a personal invitation to take part. Staff are requested to return the tear off slip as soon as possible to the Medical Department, Building 364, AERE. This will ensure a personal invitation to a screening session although there will be an open session for anyone who, maybe after second thoughts, wishes to attend.

Screening sessions for the Rutherford Laboratory will take place in some convenient place on the R.L site. Further information will be given in the Bulletin as and when available.

#### BULLETIN NOTICE

Bulletin No. 8, 15-29 April will be published earlier than usual due to the Easter holiday. Please ensure that contributions for this particular issue should be with the Editor not later than 16.00 hours on Monday 8 April.

#### SPRING OFFENSIVE?

The Library is offering staff the opportunity to Spring clean their offices by returning all books, reports, periodicals etc for a general stocktaking. A note should be included of any items required again and these will be returned immediately. This will give the Library a closer idea of shelf spacing in the new Library.

#### CAREERS IN SCIENCE AND TECHNOLOGY

The attention of parents of Sixth Formers studying scientific subjects is drawn to the two courses being run under this title at the Harwell Education Centre (with Rutherford Laboratory participation) on 18-20 and 25-27 June. Further information may be obtained from local schools, from the AERE Education and Training Centre or from Training Section, Building R20.

#### SITE EMERGENCY

Reliability test sounding of site emergency klaxons -

1. The klaxons will be sounded for a reliability test at 10.00 hours on Tuesday, 2 April.
2. Notice Boards announcing the sounding will be posted at all entrances to the Laboratory from mid-day Monday 1 April until after the test has been completed.
3. Any defective klaxons which may be noticed during the test should be reported to E P G Lane, Ext. 270.

#### FILM BADGE NOTICE

Period 4 commenced Monday 25 March. Colour Strip - GREEN for B<sub>y</sub> films. Six monthly TLD change for people with surnames commencing MNOP. Please make sure you are wearing the correct dosimeter and that all old ones are returned.

#### MISSING EQUIPMENT

The following item of equipment has been reported missing from Room G15, Building R2:-

Avometer Model 8, Ser. No. 48246-966

Anyone with information on the present whereabouts of this instrument is asked to contact G G Hicks, Building R2, Ext. 217/219.

#### EXTERNAL CONFERENCES

The XIV Cracow School of Theoretical Physics will take place from 15-29 June at Zakopane (Tatra Mountains) Poland. The subject this year is "Production of Particles in

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## INTERNAL EVENTS

NIMROD LECTURE SERIES  
Monday 1 April  
11.30  
Lecture Theatre

Baryon Resonances Below 2.0 GeV: Their Poles, Classifications and Decays  
*Dr R Cashmore/Oxford*

HEP SEMINAR  
Wednesday 3 April  
11.00  
Conference Room, Building R1

Tests of Duality in Reggeon - Particle Scattering  
*P Estabrooks/Durham*

Please note that it may be necessary to change the venue to the Lecture Theatre.

FILM SHOW (CHRISTIAN FELLOWSHIP)  
Friday 5 April  
12.35  
Lecture Theatre

Footprints in Stone, a 45 minute film  
For details see Christian Fellowship notice under 'SOCIAL NEWS'

NIMROD LECTURE SERIES  
Monday 8 April  
11.30  
Lecture Theatre

Correlation Data from Pisa/Stonybrook Collaboration at ISR  
*Dr Foa/CERN and Pisa*

HEP SEMINAR  
Tuesday 9 April  
11.00  
Lecture Theatre

Deep Inelastic Scattering  
*M Rubinstein/CERN*

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## STOP PRESS

### BLOOD PRESSURE SCREENING

The first screening session at the Rutherford Laboratory will be held on Wednesday 10 April. Everyone who has volunteered for this will receive a personal invitation giving both time and venue. Not everyone is likely to be fitted into this first session. It is hoped to publish more details in future issues of the Bulletin.



## EXTERNAL EVENTS

### DARESBURY LECTURE SERIES

Tuesday 2 April

14.00

Daresbury Laboratory

Recent Results from N.A.L.

*J Litt/NAL and DL*

### THEORETICAL PHYSICS SEMINAR

Monday 8 April

14.00

Daresbury Laboratory

Physics at Large Transverse Momentum

*Dr M Teper/Westfield College*

### EVENTS AT AERE

### THEORETICAL PHYSICS SEMINAR

Tuesday 2 April

14.00

Conference Room, Building 8.9

Structure Factors at Long Wavelengths In Liquid Metals and Molten Salts

*Professor M Tosi/Imperial College and University of Messina*

### N.P. DIVISION COLLOQUIUM

Thursday 4 April

15.30

Conference Room, Hangar 8

Heavy Ion Physics

*Professor G Morrison/Birmingham*

RUTHERFORD LABORATORY BULLETIN

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**Editor:** H F NORRIS

Deadline  
for  
Insertions

GENERAL & SOCIAL NEWS

INTERNAL & EXTERNAL EVENTS

Next issue only - 16.00 hours Monday 8 April.

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



## EXTERNAL CONFERENCES

Continued from page 1

Electromagnetic and Weak Interactions". The following lecturers have already agreed to give talks: K Berkelman, C Bernardini, I Bialynicki, J D Bjorken, P K Kabir, B T W Kibb, G Myatt, G Preperata and M Veltman. Applications to attend the School should be made before 15 April.

Large details (the poster measures  $27\frac{1}{2} \times 19\frac{1}{2}$ "") have been received on an International Conference on "Gravitation and General Relativity 7. Date - 23-28 June at Tel-Aviv University, Ramat Aviv, Israel. Dead line for contributed papers - 1 May.

Further information on both the above conferences from the Editor.

## OVERSEAS VISITS

Mr G S Grossart who is now in Japan attending the 6th International Vacuum congress at Kyoto and visiting the Japanese National Laboratory for High Energy Physics at Tsukuba will be returning on 6 April.

Dr D H Saxon to the USA, 1-26 April for analysis and data taking on Experiment 70 at NAL.

Mr P J Houzago and Mr A Williams, to ILL Grenoble, 1-5 April, to attend DIIB Progress Meeting.

## SOCIAL NEWS

### GOLF

Following the success last Autumn of the Rutherford golfers against Harwell, the Daresbury contingent found themselves stirred by a desire to take the top dogs down a peg or two. After several heated and at times boastful conversations between Brian Yates of Daresbury and John Jenkins of Rutherford the idea of a Science Research Council inter-establishment golf competition was born.

Brian, using his considerable charm and persuasion, succeeded in convincing the "high-heeled yins" in London that this was a project worth supporting. As a result of their munificence, a Trophy will be provided to be played for each year. As we confidently expect Rutherford to be the main contender, we hope the Trophy will be worth displaying.

While these top level negotiations were going on John Jenkins was trying, with ever decreasing likelihood of success, to arrange a venue. Finally North Oxford Golf Club Ladies Section graciously cancelled one of their own fixtures to allow our competition to take place. We are looking forward to a pleasant day on 14 June when golfers from Daresbury, Slough, London (including Swindon) and Rutherford will cross clubs in friendly (?) rivalry.

It would help the local organisers if any golfers interested in taking part, either this year or in the future, would drop a line to Reg Stokoe in Building R2 with details (real rather than imaginary) of their golfing ability.

### SEVEN-A-SIDE SOCCER

The fixtures for the next two weeks are as follows:-

Tues	2 April	Atlas V Nomads	Fri	5 April	CA	V GO
Wed	3 April	Admin V Trans	Mon	8 April	R9	V Taylors
Thurs	4 April	Rovers V R25	Tues	9 April	Rovers	V GO

### CHRISTIAN FELLOWSHIP - FILM SHOW

All are welcome to see the film, 'Footprints in Stone' which will be shown in the Lecture Theatre at 12.35 pm on Friday 5 April. Dr D B Gower, D.Sc (Lond). PhD, FRIC, Reader in Biochemistry at Guys Hospital Medical School has this to say about the film:-

*'Footsteps in Stone' sets out the evidence that human footprints and dinosaur tracks found together in the Paluxy River, Texas, are contemporaneous. The research in this field, presented as it is in such a clear and compelling manner, cuts through one of the great contentions of evolutionary theory - a vast time-scale: dinosaurs were supposed to be extinct long before Man came on the scene. A film of scientific research, discovering facts that the Genesis account of Creation, deserves a wide circulation.*