



COMMON/CSCAL/IBM, NERR, NCH, NGAP, ISCAN, NBR, NGR, NSCAN1, NRO  
 IYSEL, IYSEU, 31 March - 14 April 1975  
 ZNBEGIN, NTK, NTRY, NMIS, NSSR, NFID, MAXMIM, NFIRST, NEND, JTR  
 COMMON/CFID/MFX(20,3), MFY(20,3), NFOX(10,3), NFX(3), NFD(3)  
 QTAB(2,20,3), NX(100,4), NY(100,4), XN(2), YN(8), IB(100,3), ID  
 R, IDY(100,2), JDX(4), JDY(4), IHS(4), ICV(2), IUN(2), IDEL, I  
 S, NCF(16), IFS, NFS, FX, FY, JK, PIC, KPIC, NCOUNT, NBIN, MAXO, MAX  
 T, MAXN, CTA, CTB, MX, MY, JA, JB, JC, JD, JE, JF, JG, JH, JI, JN, JO, JP, JQ, JR, JS, JT, JU, JV, JW, JX, JY, JZ, YF(2,3)  
 DIMENSION NCTR(144), NGTR(20), CTR(112), NCTR(112), MODE(1)

bulletin

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#### Mr FRANK TELLING MBE

Frank Telling was awarded the MBE in the New Year's Honours List in recognition of his work for the SRC's Rutherford Laboratory.

On Tuesday 11 March Frank attended an investiture at Buckingham Palace and received his award from Her Majesty the Queen.

Congratulations Frank on a very well deserved award.



#### RUTHERFORD LABORATORY LECTURE

Dr P F Chester, the Director of the Central Electricity Research Laboratories at Leatherhead is the speaker in the next lecture in the Rutherford Laboratory Series. The lecture will be at 15.15 hours on Thursday 10 April in the Lecture Theatre. Dr Chester spent about 6 years in the USA, with the Westinghouse Research Laboratories at Pittsburgh. Since his return to the UK in 1960 he has held a number of appointments with the CEBG being appointed Director of CERL in July 1973. Amongst his many publications are papers on superconducting magnets and low temperature work. The title of his lecture is:-

Power Problems and Possibilities - some Research in Progress at the Central Electricity Research Laboratories.

#### FIRST AID EXAMINATIONS

Congratulations to the following who have received a St John Ambulance Certificate after passing a First Aid Examination:-

Mr R Blatchford	Mr D Ferrie	Mr W Almond
Mr S Axford	Mr W Buxton	Mr P Surtell
Mr C Balmer	Mr R Spiteri	Mr H James
Mr E Boyers	Mr R Hogan	

#### FOUND

A pair of fur gloves was found in RI on 20 March. Enquiries to Personnel Ext 495.

#### FILM BADGE NOTICE

Period 4 Commenced Monday 24 March. Colour Strip - BLUE for 8y films.  
 6 monthly TLD change for people with surnames commencing M N O & P.  
 Please check you are wearing the correct film and that all old ones are returned.



## INTERNAL EVENTS

### NIMROD LECTURE SERIES

Monday 7 April  
11.30  
Lecture Theatre

Recent Results and Future Programmes at the ISR.

*Dr M Albrow/RL*

### TRADE EXHIBITION

Monday 7 April  
10.00 - 16.00  
Conference Room, R12

Dexion will be exhibiting a part of their very extensive range of storage and handling systems, including a display of their Maxi Small parts system and containers, also their Speedframe range.

### TRADE SEMINAR

Tuesday 8 April  
11.00  
Lecture Theatre

Helicoflex - A New Concept in Metal 'O' Ring Seals - by members of Dowty Seals Ltd.

The Helicoflex seal is a metal 'O' ring seal with an elastic core giving good recovery and resilience, and is used extensively by CEA France in nuclear installations and ultra-high vacuum applications. It is capable of use under conditions as follows:- temperature range of  $-270^{\circ}\text{C}$  to  $+700^{\circ}\text{C}$ , pressure of 10,000 psi max to a vacuum level of  $10^{-10}$  torr (limit of test). Size - from 4 - 6000 mm, a choice of linings and shapes other than circular. Machined grooves need not be used and surface finish can be up to 250 micro inches. Mr M E Grindle, Sales Manager - Materials Application plus a senior development engineer will be present and available for further discussion after lunch - by arrangement.

### HEP SEMINAR

Wednesday 9 April  
11.00  
Lecture Theatre

Reggeon Field Theory on a Lattice or High Energy Scattering as a Critical Phenomenon.

*R Savit/CERN and NAL (see news section)*

### RUTHERFORD LABORATORY LECTURE

Thursday 10 April  
15.15  
Lecture Theatre

Power Problems and Possibilities - some Research in Progress at the Central Electricity Research Laboratories.

*Dr P F Chester/Director CERL*

### NIMROD LECTURE SERIES

Monday 14 April  
11.30  
Lecture Theatre

The Pomeron, Regge Cuts, and Scaling

*Dr P D B Collins/Durham*

## EXTERNAL EVENTS

### DARESBURY LECTURE SERIES

7.00 - 11.00 April  
11.00 daily  
Lecture Theatre, Daresbury Lab

Regge Phenomena - a series of 5 lectures.

*Professor C Michael*

### THEORETICAL PHYSICS SEMINAR

Monday 7 April  
14.00  
Daresbury Laboratory

Pion Production by Weak Neutral Currents.

*E W Colglazier/RL*

#### RUTHERFORD LABORATORY BULLETIN

*Published by the Scientific Administration Group*

*Editor:* H F NORRIS

Deadline  
for  
Insertions

GENERAL & SOCIAL NEWS

Tuesday 1600

INTERNAL & EXTERNAL EVENTS

Wednesday 1200

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



## OVERSEAS VISITS

Dr L C W Hobbs, to Munich, 3-4 April to attend meeting of the Institut Laue Langevin Sub-committee, for Programme and Means.  
Dr P R Williams, to Munich, 3-4 April for discussions at the 'Max Planck Institut fur Plasma Physik' for High Power Lasers.  
Mr W Turner, to CERN, 7-8 April, to attend a discussion group on the rapid cycling bubble chamber projects at CERN.  
Dr R M Brown and Dr R J Ott, to CERN, 7-8 April, to attend collaboration meeting on Hyperon 300 experiment.  
The Director, to CERN, 8-9 April, to attend meeting of Nuclear Physics Research Committee.  
Dr C M Fisher, to the USA, 8-17 April, to discuss at FNAL, hybrid experiments with the 30" chamber and to attend workshop on TST's for the 15ft chamber and to visit SLAC to study the operation of the 15" and 40" hybrid systems.  
Mr H Hurst, to Aalborg, Denmark, 12-16 April, to attend SEAS Spring Technical Meeting 1975 and associated SEAS Executive Board Meetings.  
Dr R Taylor, to Aalborg, Denmark, 13-18 April to attend SEAS Spring Technical Meeting 1975 where he is to deliver a lecture.

## SOCIAL NEWS

### SRC INTER-ESTABLISHMENT GOLF TOURNEY

The 1975 Inter-Establishment Golf Tourney will be held at Wrexham Golf Club, Wrexham, North Wales on Friday 13 June. The Rutherford Laboratory hopes to enter two teams each of 6 players to compete for the "Brian Flowers Trophy" which last year was stolen from us by Daresbury. The entry fee will be £4 per player but we are informed that this event is to be regarded as official duty in the same way as attendance at SRC Sports Day, but confirmation of this is awaited. John Jenkins, Room 7, R20, would appreciate a fairly early reply from those interested in taking part. Current club handicap is required but please do not send 'curriculum vitae' or details of the slice on the 17th that put you out of running for the Club Championship.

### CHRISTIAN FELLOWSHIP

- 4 April: All are welcome to join the Fellowship for a time of prayer at 12.30 in the Conference Room, R12, led by Terry Adams of R12. Requests for prayers can be made to any member of the Fellowship.
- 11 April: Derek Smaje of R32 will be continuing his series of talks on the Islamic faith. The first talk covered the founding of the religion through the prophet Mohamed and this week the life of the founder and the main structures of its precepts will be assessed. All are welcome to come along to the R12 Conference Room at 12.30.