



Rutherford
Laboratory

COMMON/CSCAL/IBM ,NERR,NCH,NGAP,ISCAN,NBR,NGR,NRC,NRD
1 IYSEL,IYSEU,IYMAX,NTRACK,NSCAN,NES,NFAIL,MAXTH,IA
2NBEGIN,NTK,NTRY,NMISS,NSSR,NFID,MAXMIM,NFIRST,N
COMMON/CFID/MFX(20,3),MFY(20,3),NFDX(10,3),NFX(10,3)
NTAB(2,20,3),NX(100,4),NY(100,4),XN(100,4),YB(100,4),ID
R IDY(100,2),JDX(4),JDY(4),IHS(4),ID(100,2),DE(2),I
S-NCF(16),IFS,NFS,FX,FY,JK,PIC,KPIC,ACOUNT,NBIN,MAXON,MAX
T MAXN,CTA,CTB,MX,MY,JA,JB,JE(3),JE(3),JE(3),JE(3)
DIMENSION NCTR(144),NGTR(20),CTR(112),GTR(12),MODE(21)

bulletin 16
4-18 August 1975

CERN FELLOWSHIPS

Details on CERN Fellowships during 1976-77 are now available from Mrs R Jeans, Personnel, R20. Scientists wishing to work at CERN can apply under the following schemes: Fellowships, Scientific Associate Appointments in Visiting Teams, Scientific Associateships, Corresponding Fellowships and Travelling Fellowships.

MISSING EQUIPMENT

A small carton containing two electrical magnetic particle couplings (types, SFU 100 and SFU 300) from Smith's Industries Ltd is reported to have been delivered in November 1974. Anyone who received this carton (which may have 9464 on it), or the contents is asked to notify R L Dance, Ext. 412.

WEEKLY SAVINGS CERTIFICATES

Weekly cycle ending 19.7.75: certificates can now be collected from the Cash Office, Building R20.

VACANCIES AT SIEGEN

Two open positions (post doctoral in experimental physics) in the physics Department at Siegen. Further information from Mrs R Jeans, Personnel, R20.

RL NOTICES & CIRCULARS ISSUED DURING THE LAST FORTNIGHT

RL. NOTICE NO. 11/75. Health and Safety at Work.
RL. CIRCULAR NO. 13/75. Rutherford Laboratory Restaurant Prices.

OVERSEAS VISITS

Dr S F J Read and Dr S F J Cox, to Finland, 13-21 August, to attend 14th International Conference on Low Temperature Physics at Otaniemi.
Dr D P Jones, to the USA, 17 August-9 September, to attend 1975 International Conference on Lepton and Photon Interactions at High Energies, at Stanford, and to visit NAL and BNL.
Dr R G Roberts, to the USA, 17-31 August, to give rapporteur talk at the Gordon Research Conference on Multiparticle Production Processes and to visit UC Berkeley, Cal Tech for discussions.
Professor N H Lipman, to the USA, 18 August-4 September, to attend 1975 International Conference on Lepton and Photon Interaction at Low Energies, at Stanford and to visit LBL and NAL.

INTERNAL EVENTS

TRADE EXHIBITION
Friday 15 August
10.00 - 16.00
ADJACENT TO R20

European Marketing, an organisation set up to enable British and European Manufacturers of Scientific Apparatus to expose their equipment to potential users are making a return visit to the Laboratory. Their mobile exhibition will have on display the following range of apparatus:

Houseman Hegro Ltd	-	Water De-Ionising Plant.
Polaroid (UK) Ltd	-	Technical Cameras for Oscillography, Microscopy and Close-up Photography.
Smiths Industries Ltd	-	Digital Integrator, Data Logging Equipment. 'Servoscribe Recorder'.
Nanotech (Thin Films) Ltd	-	EM Sample Preparation Apparatus. Plasma Chemistry Equipment. High Vacuum Plant and Components.
Metering Pumps Ltd	-	Precision Pumping Equipment. (HPLC and Peristaltic)
MSE Ltd	-	HPLC Equipment, UV Recorders.
Comark Electronics Ltd	-	Electronic Thermometers. Potentiometric Recorder.
MCR Ltd	-	High Purity Materials.

NIMROD SCHEDULE

CYCLE 3 22.7.75 - 12.8.75

MACHINE PHYSICS

HIGH ENERGY PHYSICS

Team	Beam	Experiment	State
BRISTOL/SOTON/RL	K15a	No 120: K^+p diff. cross-sections.	setting up
CAMB/RL	$\pi 12$	No 114: Diff. cross-sections and polaris. $\pi^-p \rightarrow K^0\Lambda^0$	setting up
BIRM/SURREY/RL	K17	No 113: Experiments with stopping Kaons.	Data
IMPERIAL/RL	$\pi 8a$	No 128: Meson production near threshold.	Data
BARTS/LEEDS/RL	$\pi 11$	No 154: Dosimetry.	Data
OXF/ROME/RL	T1	Test beam facility.	Tests

NEW TELEPHONE NUMBERS FOR DIDCOT

With effect from 09.00 hours on Monday 4 August 1975, Didcot telephone numbers will be changed to 6 figure numbers by prefixing with '81' (e.g. 2345 becomes 812345). However there are exceptions where the old 4 figure number has been changed and these are shown in the list printed below. Divisional Admin. Officers and Admin. Offices have been issued with the listed changes.

Old Number	New Number	Old Number	New Number	Old Number	New Number	Old Number	New Number
2191 to 2199	815191	3268 3269 3500 3501 3502	816268 816269 816500 816501 816502	3613 3614 3615 3616 3617	816613 816614 816615 816616 816617	3828 3829 3870 3871 3872	816828 816829 816870 816871 816872
2301 to 2305	815151	3503 3504 3505 3506 3507	816503 816504 816505 816506 816507	3618 3619 3760 3761 3762	816618 816619 816760 816761 816762	3873 3874 3875 3876 3877	816873 816874 816875 816876 816877
2336 2360 2368 2880 2888	816336 816360 816368 816880 816888	3508 3509 3520 3521 3522	816508 816509 816520 816521 816522	3763 3764 3765 3766 3767	816763 816764 816765 816766 816767	3878 3879	816878 816879
2889 3174 3260 3261 3262	816889 816174 816260 816261 816262	3523 3524 3525 3526 3527	816523 816524 816525 816526 816527	3768 3769 3820 3821 3822	816768 816769 816820 816821 816822	4211 to 4219	815181
3263 3264 3265 3266 3267	816263 816264 816265 816266 816267	3528 3529 3610 3611 3612	816528 816529 816610 816611 816612	3823 3824 3825 3826 3827	816823 816824 816825 816826 816827	4340 4349	816340 816349

RUTHERFORD LABROATORY BULLETIN

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Deadline
for
Insertions

GENERAL & SOCIAL NEWS

INTERNAL & EXTERNAL EVENTS

Tuesday 1600

Wednesday 1200

Room 42 Building R20
Rutherford Laboratory
Chilton Didcot Oxon
Abingdon 21900 Ext 484

SOCIAL NEWS

CHRISTIAN FELLOWSHIP

8 August: Frank Smith of Accounts Section will be concluding his series of talks on the "Social Benefits of Evangelical Outreach in the 19th Century". The appalling conditions of life for thousands in the cities brought about by the Industrial Revolution caused Christian men and women to become active in the forming of societies to relieve some of the suffering. They formed orphanages for homeless children and places of care for the sick and aged. Much was done amongst the soldiers and sailors and the many other groups of working people such as railway navvies and fishermen who, up until this time had little care or concern shown for their many social and spiritual problems. What influence did these groups have and what are the continuing results, if any, which are evident today?
All are welcome to come along at 12.30 pm in the R12 Conference Room.

15 August: Another "hymn-sing" will be held in the recreational hut at 12.30 pm. All are welcome to come along and enjoy a time of Christian fellowship in song.