



R(12), NDT(60,3), ISW(3500), ANGLE(60), YINT(60), DUMMY(84),  
(6,3), NACHT(48), XCEN(12), YCF(4),  
MMON/CFID/MFX(20,3), MFY(20,3), NFDX(16,3), NFX(3), NFD(3), I  
B(2,20,3), NX(100,4), NY(100,4), XN(2), YN(8), IB(100,2), JDX(4  
DY(100,2), JDX(4), JDY(4), IHS(4), IOV(2), IUN(2), I  
CF(16), IFS,NFS,FX,FY,JK,PG,KPIC,NCOUNT,NBIN,M  
AXN,CTA,CTB,MX,MY,JA,JB,JC,JD,JE,JF,XF(20,3),YF(20,3),  
MMON/CJACK/NSY(20,30), NMS(20), NDR(20), NSR(20),  
(20), BX(20), NST1(20), NST2(20), INER(20)

Dr J R Smith to Wiesbaden, 2 - 7 October, to attend European Physical Society General Conference.



## INTERNAL EVENTS

### NIMROD LECTURE SERIES

Tuesday 3 October  
11.30  
Lecture Theatre

Please note that the lecture arranged for 3 October has been cancelled

### HEP DISCUSSION GROUP

Wednesday 4 October  
11.00  
Conference Room, Building RI

An analysis of KN and  $\bar{K}N$  scattering amplitudes in the intermediate energy range

*Dr T Inami/RHEL*

### RUTHERFORD LABORATORY LECTURE

Thursday 5 October  
15.15  
Lecture Theatre

Talk on the Regulation of Life Processes  
(see Page 1 for details)

*Professor H L Kornberg FRS*

### NIMROD LECTURE SERIES

Monday 9 October  
11.30  
Lecture Theatre

Title to be announced later

*Dr L Caveschi/CERN*

## NIMROD SCHEDULE

CYCLE 12 19 9 72 - 10 10 72

MACHINE PHYSICS

HIGH ENERGY PHYSICS

<u>Team</u>	<u>Beam</u>	<u>Experiment</u>	<u>State</u>
Glasgow University RHEL	$\pi^+N_4$	Polarisation Measurements in $\pi^+p$ Charge Exchange	Setting up
Bristol University Southampton University RHEL	K15	$K^+p$ and $\pi^+p$ Differential Cross-Sections	Data
Churchill Hospital Oxford RHEL	$\pi^{++}$	Radiobiological Experiment	Data
Cambridge University RHEL	K13C	Associated Production Cross-Sections	Parasitic



## EXTERNAL EVENTS

BRITISH NUCLEAR ENERGY SOCIETY  
LECTURE  
Thursday 12 October  
18.00  
Institution of Civil Engineers  
Great George Street, Westminster  
(Tel 01 930 7444)

Nuclear Stability and the Super-heavy Elements

*Dr J G Cunninghame/AERE Harwell*

(Admission by ticket. Non-members welcome)



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GENERAL & SOCIAL NEWS

Tuesday 1600

INTERNAL & EXTERNAL EVENTS

Wednesday 1200

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



# SOCIAL NEWS

## HORTICULTURAL SOCIETY LECTURE

Do not miss the lecture on Tuesday evening, 3 October at 7.30 pm in the Lecture Theatre. Tickets 15p from committee members or the Editor. Mr O J Clayton, Superintendent Floral Department at Wisley will talk on "Wisley Gardens throughout the Year".

## RUTHERFORD FOLK CLUB

Owing to the SRC dance the next meeting of the Folk Club will be at 8 pm on 6 October in the Coffee Lounge R22.

Barry Dransfield

Solo singing with fiddle and guitar - he has appeared with "The Johnstones" and has made three LPs "Folky Blues".

## CHRISTIAN FELLOWSHIP

Friday 6 October. As announced in last week's Bulletin, John Matthews, ex Rutherford employee, has recently returned from the Olympic Games in Munich travelling there in a double-decker bus with a group called the 'Jesus Liberation Front'.

All friends and ex-colleagues of John are welcome to join with us in the Lecture Theatre at 12.30 pm to listen to and meet him.

## MESSAGE OF THANKS

Frank Cullen wishes to express his sincere thanks to friends and colleagues who contributed to the gift he received whilst in hospital recently.

## SEVEN-A-SIDE SOCCER CHALLENGE TROPHY

28 Sep 1972

GROUP 'A'

TEAMS	P	W	L	D	F	A	Pts
ATLAS	2	2	0	0	4	2	4
AERE 351	1	1	0	0	2	1	2
R 9	2	1	1	0	3	3	2
AERE G O	2	0	0	2	6	6	2
R 18	2	0	1	1	5	6	1
HALL 3	2	0	1	1	3	4	1
C A DIV	1	0	1	0	1	2	0

28 Sep 1972

GROUP 'B'

TEAMS	P	W	L	D	F	A	Pts
TRANS	2	2	0	0	14	0	4
AERE 220	2	2	0	0	10	0	4
R 25	2	2	0	0	8	0	4
CASUALS	3	1	2	0	4	16	2
AERE ADMIN	1	0	1	0	0	0	0
STORES	2	0	2	0	2	12	0
D O	2	0	2	0	0	10	0