



21-28 February 1972
bulletin 8

R(12), NDT(60,3), ISW(3500), ANGLE(60), YINT(60), DUMMY(84),
(6,3), NACHT(48), XCEN(12), TC(2), AR
MMON/CFID/MFX(20,3), MFY(20,3), NFDX(10,3), NFX(3), NFD(3), I
B(2,20,3), NX(100,4), NY(100,4), XN(2), YN(8), IB(100,2), IDX(
DY(100,2), JDX(4), JDY(4), IHS(4), IOV(2), IUN(2), IDEL(1), IDE
CF(16), IFS, NFS, FX, FY, JK, PIC, KPIC, NCOUNT, NBIN, MAXOV, XUN
AXN, CTA, CTB, MX, MY, JA, JB, JC, JD, JE, JF, XF(20,3), YF(20
MMON/CJACK/NSY(20,30), NMS(20), NDR(20), NBR(1), NBI(1), YA
(20), BX(20), NST1(20), NST2(20), INER(20), NSX(20,30), HLT(60

HEAT PIPE - SUPPLEMENT

Further information on the Helium Heat Pipe which was described in last week's Bulletin can be obtained from Mr J A Lidbury or Mr J R Stokoe in Building R2. Attention is also drawn to a Nimrod report - NDG-70-34 entitled "The Heat Pipe" by A R Mortimer.

VISITORS

A party from the Oxford Branch of the British Computer Society's Computer Education Group will visit the Laboratory during the evening of Friday 25 February, when they will be shown some of the Laboratory's computing facilities.

FILM BADGE NOTICE

Period 3 commences Monday 21 February - Colour Strip - GREEN for By films and fast neutron packs.

Please change your dosimeters promptly and return the old ones.

OVERSEAS VISITS

Messrs P B Nichols and R C Campbell to CERN 21 - 24 February, for discussions in connection with the proposed CERN Administration post.

VISITORS

Twelve participants of the Low Temperature Technology Course at AERE will visit the Laboratory a m Thursday 24 February 1972.

Fifteen participants of the Vacuum Technology Course at AERE will be visiting the Laboratory p m Thursday 24 February 1972, for a talk in Building R12 Conference Room.

INTERNAL EVENTS

NIMROD LECTURE SERIES

Monday 21 February
11.30
Lecture Theatre

Details, when received, will be shown on the 'Today' notice boards.

HEP DISCUSSION GROUP

Wednesday 23 February
11.00
Conference Room Building R1

FESR's for Production Amplitudes

Dr S Humble/DNPL

FILM SHOW

Wednesday 23 February
13.15
Thursday 24 February
12.40
Lecture Theatre

Industry Goes Metric, 30 minute colour film

This Metrication Board film demonstrates that metrication in the engineering and construction industry is a fact. It establishes the advantages of metric and why it is being adopted. Managers from industrial companies discuss their reasons for going metric and how they set about it with special reference to opportunities for rationalisation of designs and products, stocks and procedures. Although aimed at middle management in industry, the film will also interest engineers, technicians, operatives and probably most people at the Laboratory.

SEMINAR IN COMPUTING

Friday 25 February
11.00
Conference Room Building R12

"POLLY"

C Robinson/Glasgow

A "POLLY" automatic film measuring machine is now entering service at Glasgow. This talk concerns both this machine and the Argonne "POLLY III". Measurement of film from the new large bubble chambers (ANL 12 and BEBC), and a "micro-programmed" "POLLY", will also be discussed.

NIMROD LECTURE SERIES

Monday 28 February
11.30
Lecture Theatre

The Experimental Situation for the Line Reversed Reactions

Dr R Barlontaud/Saclay

PHYSICS DISCUSSION MEETING

Tuesday 22 February
10.30 a.m.
Conference Room Building R1

Physics with Target Chambers

Gordon Kane/Gordon Ringland/Roger Phillips

A second session is planned, to consider more carefully the feasibility of various proposals that we heard last Tuesday. It seems best to divide the subject according to incident beam and volunteers have already been found to summarise the situation with π^+ , π^- , K^- , \bar{p} beams. This looks like a full day's business, so we propose an early start.

All interested parties are welcome and any further suggestions and contributions (e.g. what about p and K^+ ?) are welcome.

EXTERNAL EVENTS

PHYSICS COLLOQUIUM
Monday 21 February
17.00
University of Reading

Deformation Processes in Oriented Polyethylene
Dr J G Rider/University of Surrey

ELEMENTARY PARTICLE PHYSICS SEMINAR
Tuesday 22 February
Nuclear Physics Lab Oxford

The Keuffel Effect
Dr W Turner/RHEL

INSTITUTE OF MATHEMATICS - SOUTH WALES BRANCH LECTURE
Tuesday 22 February
18.30
University College Cardiff

Econometrics
Professor R J Ball/London Graduate School of Business Studies

NUCLEAR PHYSICS SEMINAR
Wednesday 23 February
14.30
King's College London

An Exact Unitary Model for Three-Body Collisions
Dr P C Tandy/Flinders University of Southern Australia and University of Surrey

THEORETICAL PHYSICS SEMINAR
Wednesday 23 February
14.30
University of Manchester

Title to be announced - Joint Seminar with Nuclear and High Energy Groups
Dr M Strayer/Orsay

THEORETICAL PHYSICS SEMINAR
Thursday 24 February
16.15
Clarendon Laboratory Oxford

Solitons and Energy Transport in Anharmonic Lattices
Dr N J Zabusky/Maths Institute and Bell Telephone Labs

BRITISH COMPUTER SOCIETY - OXFORD BRANCH MEETING
Thursday 24 February
20.15
Oxford University Maths Institute

Where are Programming Languages Going? A Considered Opinion on the Future
John Nicholls/I B M Hursley

ELEMENTARY PARTICLE THEORY SEMINAR
Friday 25 February
14.30
Clarendon Laboratory Oxford

Schwinger Terms and Spectral Representations
D A Nuthrown/Oxford

EVENT AT AERE

THEORETICAL PHYSICS SEMINAR
Monday 21 February
14.00
Conference Room Building 8.9

Superconducting Trains
Professor M Tinkhan/Harvard and Cambridge
(Please note change of day)

STOP PRESS

Lloyd's Bank, Harwell have informed us that they have cancelled evening openings of the bank during the present electricity power crisis.

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SOCIAL NEWS

RECORD SOCIETY

Tuesday 22 February at 12.40 p m in the Lecture Theatre.
Stephane Grappelly - Le Toit de Paris.
A stereo recording by one of the world's greatest exponents of jazz violin,
playing some of his most popular numbers.

CHRISTIAN FELLOWSHIP

All are welcome to come along to R12 Conference Room at 12.30 p m on Friday
25 February when Hanz Keble, a retired Christian Worker from Datchet Fellowship
at Brightwell, will be speaking.