



Rutherford
Laboratory

8 - 22 October 1973

bulletin 32

NATIONAL SAVINGS CERTIFICATES

Monthly cycle ending 30 9 73. Certificates can now be collected from the Cash Office. New members wishing to join the scheme can obtain enrolment forms from the Cash Office.

FILM BADGE NOTICE

Period II commences Monday 8 October. Colour strip ORANGE for $\beta\gamma$ films and neutron packs. Please change your films promptly and return all old ones. Six monthly TDL change for people with surnames O,P,Q,R.

OVERSEAS VISITS

Dr F J Wickens to CERN, 8-12 October, to work on S120 experiment.

Dr L C W Hobbs to ILL Grenoble, 9-12 October, for discussions and to attend ILL Scientific Council.

Mr D A Gray to DESY Hamburg, 10-11 October, to attend seminar on e-p Colliding Beam Physics.

Dr G H Stafford and Dr G Manning to CERN, 17-18 October to attend discussions with Professor Jentsche.

RUTHERFORD LABORATORY STAFF MEETING

A Staff Meeting will be held in the Lecture Theatre at 3.00 pm on Monday 15 October. The Director will address the meeting. Rutherford Laboratory Circular No 25/73 dated 1 October 1973 gives details of the invitations.

INTERNAL EVENTS

NIMROD LECTURE SERIES

No Nimrod Lecture on 8 October.

HEP SEMINAR

Wednesday 10 October
11.00
R1 Conference Room

"Building Multiperipheral Model Backwards"

R Peccei/RHEL

SEMINARS IN COMPUTING

11.00
Friday 12 October
R12 Conference Room

"General Meeting". Progress reports will be given on various aspects of C & A Division's work.

NIMROD LECTURE SERIES

Monday 15 October
11.30
Lecture Theatre

"Recent results from a 205 GeV/c π -p Bubble Chamber Experiment at NAL".

Prof G Trilling/Berkeley

HEP SEMINAR

11.00
Wednesday 17 October
R1 Conference Room

"Diffractive Scattering in the Dual Model"

Chan Hong-Mo/RHEL

NIMROD SCHEDULE

CYCLE 11 9 10 73 - 30 10 73

MACHINE PHYSICS

HIGH ENERGY PHYSICS

<u>Team</u>	<u>Beam</u>	<u>Experiment</u>	<u>State</u>
RHEL	π 11	Beam Studies & Irradiation	Data
BIRMINGHAM/SURREY/RHEL	K17	Stopping Kaons	Setting up
CERN/ORSAY/OXFORD	P81	Hadron-Proton Spin	Installation
OXFORD	P71	Chamber Tests	Installation
COUNTER GROUP B/ CAMBRIDGE UNIVERSITY	π 12	$\pi^-p \rightarrow K^0 \Lambda^0$ in the range 1.4 - 2.0 GeV/c	Installation
IMPERIAL COLLEGE/RHEL	π 8	Experiments on Narrow Bosons. $X^0(958)$, S^* and Cross Section Measurements	Installation
BRISTOL/RHEL	K15	π^+p Differential Cross-Sections	Data

EXTERNAL EVENTS

PHYSICS & GEOPHYSICS COLLOQUIUM

Monday 8 October
17.00
University of Bristol

"Using technological case studies of national energy problems in the teaching of basic physics".

Ian Lowe, Dept of Materials Science, The Open University

COLLOQUIUM

Wednesday 10 October
16.30
APS I Building
University of Reading

"Fluid Piston Engines"

N Walpita.

NUCLEAR PHYSICS DIVISION COLLOQUIUM

Thursday 11 October
15.30
Conference Room H8 AERE

"The Neutron as a Probe of Nuclear Structure around Closed Shell Nuclei"

Dr J L Fowler/AERE

PHYSICS & GEOPHYSICS COLLOQUIUM

Monday 15 October
17.00
University of Bristol

"What exactly happens when a crystal melts"

Prof R M J Cotterill/The Technical Univ of Denmark

BRITISH COMPUTER SOCIETY READING BRANCH MEETING

Tuesday 16 October
20.00
University of Reading

"The Work of the Local Government Operational Research Unit"

Brian Whitworth, Director

COLLOQUIUM

Wednesday 17 October
16.30
APS I Building
University of Reading

"Is it possible to make a High Modulus Polymer"

Dr D C Bassett/Physics Dept

NUCLEAR PHYSICS DIVISION COLLOQUIUM

Thursday 18 October
15.30
Conference Room H8 AERE

"A report on the International Conference on Nuclear Physics held at Munich"

Drs T Conlon, J M Freeman, M Ivanovitch & O N Jarvis

INSTITUTE OF PHYSICS ELECTRONICS BRANCH COLLOQUIUM

Wednesday 24 October
10.00 - 16.00
Lecture Theatre 'A' College Block
Imperial College
London SW7

"Recent Advances in Integrated - Circuit Process Technology"

Closing date for registration - 19 October 1973 - Colloquium Secretary Dr F H Reynolds, PO Research Dept, Brook Road, Dollis Hill, London NW2 7DT.

RUTHERFORD LABORATORY BULLETIN

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Deadline
for
Insertions

GENERAL & SOCIAL NEWS

Tuesday 1600

INTERNAL & EXTERNAL EVENTS

Wednesday 1200

Room 40 Building R20
Rutherford Laboratory
Chilton Didcot Berks
Abingdon 1900 Ext 6114

SOCIAL NEWS

FOLK CLUB

Rutherford Folk Club, Friday 5 October at 8.15 pm. Admission 25p.

This month's guest artist Alex Atterson. Funny and singer of lively traditional Scots songs accompanied by a variety of instruments including an electric piano. Supporting artists. Floor artists welcome and will be given every opportunity to entertain. Everyone welcome, come along for a very enjoyable (cheap) night out.

CHRISTIAN FELLOWSHIP

Friday 12 October - The Rev R Chewter of the Bible Pattern Church, Newbury will be visiting the Laboratory for the lunchtime meeting. All are cordially invited to come along. The meeting commences at 12.30 pm in R12 Conference Room.

Friday 19 October - Dennis Williams of Building R20 will be telling of some of the experiences Wantage area had when a team of young Christians evangelised the district during the summer. All are welcome to come along and the meeting commences at 12.30 pm in the R12 Conference Room.

SEVEN-A-SIDE SOCCER

This year's Seven-a-Side Soccer knock-out competition between teams from Rutherford and AERE will start on Monday 15 October 1973. At stake is the Rutherford Challenge Trophy held at present by Building 351, AERE.

FORMATION OF A RADIO CLUB

A meeting will be held in R15 on Tuesday 16 October to discuss the formation of a Rutherford Laboratory Radio Club. Anyone interested is invited to attend. Further enquiries to Arthur Braham. Ext 6258.