

## Appleton ~ Rutherford Merger

The merger of the SRC's Appleton and Rutherford Laboratories took effect from 1 September 1979.

The combined experience and expertise of the two Laboratories will provide a strong focus for the support of space research in the UK, and form a basis on which to strengthen and extend existing work in the communications field.

### New Appointments

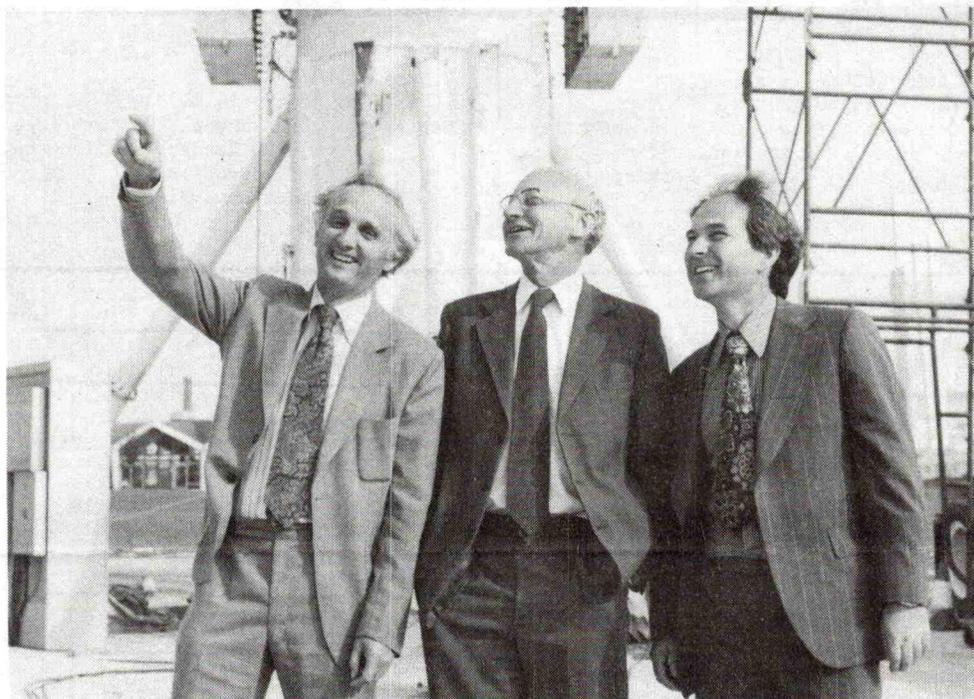
Dr G H Stafford, as Director General, has overall responsibility for the combined Laboratories with Dr G Manning and Professor J T Houghton as Director Rutherford and Director Appleton, respectively. Dr J M Valentine is the Secretary of the Rutherford and Appleton Laboratories.

### The Divisions

There are 10 Rutherford Divisions, including the new "Computing" Division (headed by Prof F R A Hopgood) which combines the former Atlas Computing Division and Computing and Automation Division. Appleton has 2 Divisions from 1 September: the Space and Astrophysics Division (headed by Dr A H Gabriel) and the Geophysics and Radio Division (headed by the Director Appleton).

### Chilton Arrivals

Already some tangible evidence of the merger can be seen on the Chilton site. The Infra-Red Astronomical Satellite project (IRAS) - described in *Bulletin 11* - is well under way with the construction of the antenna near R58. The computing and tracking equipment for this project is installed in the R1 Control Centre. Some staff on the IRAS project transferred to Chilton on 1 September, and the remainder will join us early in the New Year. They have their office accommodation in R32 and R16. The mysterious arrival of a "ship's boiler" in R7 was recently revealed (*see Bulletin 17*) to be an untuned cavity for measurement of the absorption of millimetre waves - yet another new project to arrive at Chilton.



*Prof J T Houghton, Dr G H Stafford and Dr G Manning inspect the IRAS antenna.*

The new buildings at the rear of R25 will provide offices and laboratories for transferring staff, and further extensions to R25 have been approved.

### Merger Organisation

The intention is to transfer the work and staff from Ditton Park and Culham progressively to the Chilton Site over the next two to three years. The timetable for this should be finalised by the end of the year.

A Merger Unit has been set up under Mr P S Maxwell to deal with matters arising from the merger including the provision of assistance to staff with their transfers. Mr M Snowden has responsibility for the technical aspects of the merger.

A Merger Working Party has been formed, chaired by the Director General and with representatives from the Staff and Trade Union Sides of both sites plus a representative from the Establishment Division of Central Office and the Central Staff Side Officers, to enable Management and

Staff to discuss all aspects of the merger before decisions are taken. Some of the items currently under discussion are: the programme for the transfer of work, housing and other staff matters such as Conditions of Transfer, Redundancy Terms and the possible retention of flexible working hours by existing Ditton Park staff.

### Master of St. Cross

We are pleased to report the appointment of Dr G H Stafford, CBE, FRS, to the Mastership of St Cross College, Oxford, from 1 October 1979. This will be a part-time appointment and Dr Stafford will remain Director General of the combined Rutherford and Appleton Laboratories.

St Cross is a graduate College founded by the University in 1965, where men and women may be admitted to read for advanced degrees and diplomas of the University. The College has 55 Fellows and about 20 post graduates.

Dr Stafford will be the second Master of St Cross.

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# INTERNAL Events

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## NIMROD LECTURES

LECTURE THEATRE - 14.00 hours

1 October: Dr D Binnie/Imperial  
"Recent Results from  
TASSO on Planar Jets".

8 October: Dr R Peccei  
"CP Violations"

## RUTHERFORD LABORATORY LECTURE

LECTURE THEATRE - 1515 hours

11 October: Mr J G Collier/AERE  
"Current Questions on  
Nuclear Power".

## HEP SEMINARS

R61 CONF. RM. - 1100hrs

10 October: Dr W G Jones/Imperial  
"n'Width and Quark  
Charges"

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# EXTERNAL Events

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## NPD COLLOQUIUM

H8 AERE - 15.30 hours

4 October: Mrs L M Arnold/Authority  
Historians Office  
"All in a Working  
Lifetime".

## THEO. PHYS. SEMINAR

TPD CONF. RM. AERE - 14.00 hours

25 September: Dr A Howie, FRS/Cambridge  
"High Resolution Electron  
Microscopy and  
Microanalysis".

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## Rutherford Laboratory Lecture

"Current Questions on Nuclear Power"  
by J G Collier, Atomic Energy  
Technical Unit, Harwell.

An examination of various future energy scenarios - both "conventional" and "low-energy" futures - indicates a substantial need in the United Kingdom for electricity from nuclear power. It seems likely that the nuclear capacity in the year 2000 will be made up primarily of a mix of AGRs and PWRs with perhaps one or two fast reactor stations.

On present plans, all the known reserves of uranium will have been committed by the turn of the century. The fast reactor provides the United Kingdom with the option of becoming independent of imported fuels, including uranium, early in the next century.

Public acceptability is a growing problem. Apart from non-proliferation and radioactive waste disposal, there is public concern about nuclear safety, the effects of low level radiation and plutonium economy.

Irrespective of its current difficulties, the shortage of fossil fuels fairly well ensures that nuclear power must provide a significant contribution to our future power needs.

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## Sales to Employees

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Sales of scrap metal/plastics as set out in RLN 12/73 will be made on 21 September and 5 October at the scrap compound, rear of R40 from 12.00-12.30 hours.

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## Library Notice

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Chicago transparencies are now available for loan in the Library R61. Please ask at the desk.

Copies of the Rutherford Laboratory Annual Report for 1979 are also still available.

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## Smallpox Vaccination

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Smallpox vaccination is no longer a requirement for most of the countries commonly visited by Harwell & Rutherford/Appleton staff. Because of the decrease in vaccination requirements, the Public Health Authorities now only issue vaccine in 25 ml doses, which require to be used at one session.

Staff planning overseas visits are therefore requested to establish a need for smallpox vaccination and where this exists, to make arrangements well in advance with the Medical Department, AERE (Ext. 4156) so that a session can be arranged.

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## Lunchtime Music

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In the Lecture Theatre on Wednesday 3 October from 12.30 to 13.15hrs, "ZOOT SIMS AT MONTREUX". This season starts with Jazz and we have chosen a live recording from the 1975 Montreux Festival. This features some tremendous solos from Sims (tenor sax) and Benny Carter (alto sax) in particular. Other instrumentalists showing their paces are Roy Eldridge and Clark Terry (trumpets), Joe Pass (guitar), Tommy Flanagan (piano), Keeter Betts (bass) and Bobby Durham (drums).

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## Film Badge Notice

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It is Period 10. Colour strip BROWN for beta-gamma films. Please check that you are wearing the correct film and that all old ones are returned.

Next Film Badge Change

Monday, 8 October.

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## OVERSEAS Visits

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C J Batty and C A Baker to CERN from 24 September-7 October to work on proposal 210.

M Edwards to CERN from 24-28 September to install lead-glass detector, and attend EMC collaboration meeting.

M D Jeffs to CERN from 24-28 September for installation of electronics for EMC.

A I Kilvington to CERN from 24 September-17 December to work on proposal 210.

A G Armstrong and C W Trowbridge to Aachen from 24-27 September to attend Microcircuit Engineering Conference.

D B Thomas, P Hallowell, M Holmes and R A Lawes to Aachen from 24-27 September to attend conference - 'Microcircuit Engineering '79'.

J R M Maidment to Rome from 26 September-1 October to attend meeting of ECFA-LEP working group.

J S Hutton to CERN from 26 September-3 October to work on experiment WA57.

N M King to CERN from 3-14 October to attend second ICFA workshop.

G H Grayer to Paris from 10-11 October to examine production schedule of fibre optics for UAL experiment.

# MANTIS - Does this grab you?

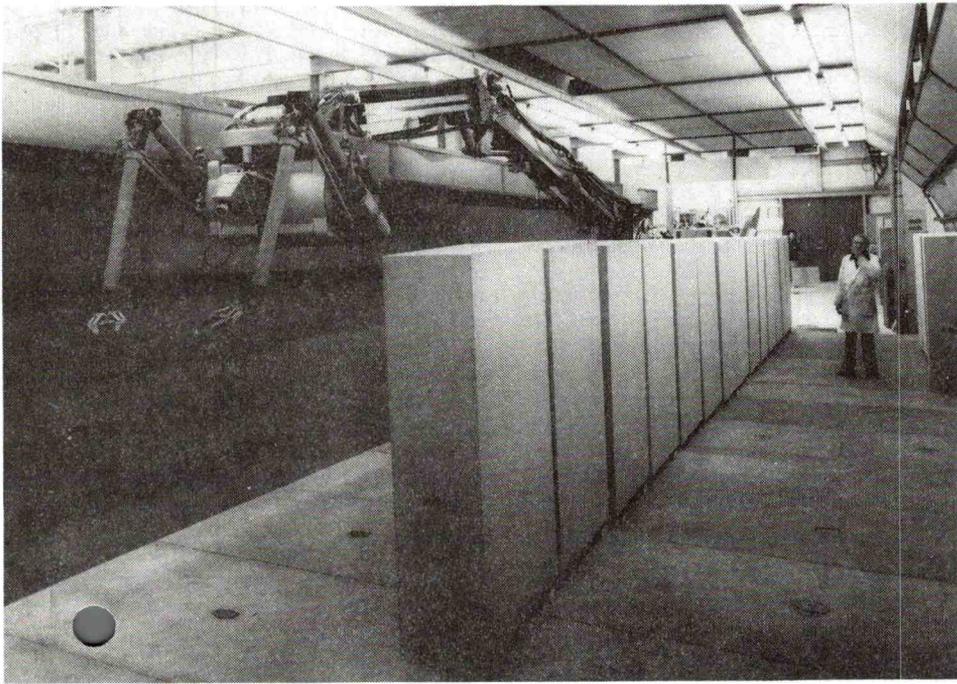


Photo: CERN

On Tuesday 9 October, Roger Horne from CERN will give a lecture on MANTIS, an extremely sophisticated remote handling device, and his experience of remote handling techniques used at CERN and Los Alamos. He will illustrate this talk with videotape sequences and a film. As his talk promises to be lively, informative and of a general nature, it will be held in the Lecture Theatre to enable a large number of people to attend. The talk is schedule to last from 15.15 to 16.15hrs.

## To the Victors belong the Spoils



The Rutherford Netball team (and friend)

It was a very happy gathering of sportsmen, who met together on Wednesday, 19 September, to be presented with their trophies, won at the SRC Outdoor Sportsday, which was held at Chiswick this summer.

Dr Stafford, President of the Recreational Society, made the presentations to each individual member of the five prize winning teams. Surveying the mass display of trophies, Dr Stafford remarked that he had always been interested in sports, having played Soccer and Rugby himself. He warmly congratulated everyone on their achievements, and expressed a hope that he might one day be able to attend the Event himself.

Prize Winning Teams were as listed below:-

### Netball

Sue Gill  
Jane Griffiths  
Claire Philpot  
John Glasgov  
Wendy Haines  
Lyn Willis  
Vesna Brock  
Sue Underdown

### Football

Ron Lawes  
Jim Taylor  
Peter Cutler  
Malcolm Edwards  
David Holdforth  
Gareth Williams  
Steve Farr

### Cricket

Tudor Morgan  
Bob Blowfield  
John Culey  
Andy Butler  
Neil Johnson  
Dave Stanley  
David Price

### Tug-a-war

Sue Underdown  
Lyn Willis  
Jane Griffiths  
Claire Philpot  
Bob Blowfield  
Neil Johnson  
Steve Wheeler  
Tudor Morgan  
John Rice



The winning Tug-a-war team!

### Tennis

Barry Whittaker  
Colin Walters

## It's been a pleasure

### Kate Knight

Kate Knight definitely had her own way of doing things, as all her old colleagues will testify.

On 4 September she retired from the Laboratory quietly, without ceremony, in the way that she wanted, and nothing and no-one could persuade her to do otherwise.

By the same token, she would no doubt be reluctant to have details of her career spread over the pages of the Bulletin.

However, her friends, and there are many of them scattered throughout the world, would not forgive us if we allowed her retirement to pass without comment.

This is, therefore, a small tribute to a woman, an expert in her field, who shared her expertise at home and abroad, from those who have been privileged to be her friends, and from those who have enjoyed the stimulation of working with her. Thank you Kate, and Good Luck!

### Ray Butt

We have received a message from Ray Butt asking us to pass on his thanks to all his colleagues who contributed to his leaving present, and to say farewell to those he was unable to contact before he left - he send his regards to all.

After eleven years with the Rutherford Laboratory, working as a programmer with Salaries and Wages, Ray has transferred to Swindon Office.

If you read this Ray - and if you don't our mailing system has gone sadly awry - we miss your happy smiling face and wish you luck in your new job.

### Thanks

My wife and I would like to thank all my colleagues who kindly contributed to our Wedding Present. We were married on 25 August. Gillian (née Haines) and Derek Morrow.

### Chess

#### INDIVIDUAL CHESS CHAMPIONSHIP

The above contest is due to start on Monday, 8 October. Players of all standards are required.

All the games are played during lunch times, and you have two weeks to arrange and complete each game.

Names to P Craske by 3 October please.

### Crib

Anyone interested in entering the Pairs and Singles Competition, please forward their names to T Morgan R18, by the end of September, as we would like to play off some of the rounds before the finals night.

### Folk Club

Do come along on 5 October at 8 pm and enjoy an evening of song and music with the "Hot Vultures", who perform just about everything and "Magenta" a contemporary folk group. We're sure you'll have fun. The Club meets in the R22 Coffee Lounge, and tickets are available from John Ellis Ext 6369 and Alan Hodges Ext 6323, price £1.20 or at the door £1.40.

### Christian Fellowship

The Fellowship welcomes everyone to its meetings, which are held at 12.30 hours in R2 Conference Room. The next meetings will be held on Thursday, 27 September, Thursday, 4 October, and Thursday, 11 October.

### Horticultural Society

There will be a talk, with slides on "Indoor Plants" by Mr B K Tattersfield of Culham College on Wednesday, 3 October, in the Lecture Theatre R22 at 7.30 pm. The usual refreshments and raffle will be available, and tickets will be sold at the door. Members 25p. Visitors 30p.

### Coffee at 'Coseners'

We cordially invite all wives and children of Rutherford and Appleton Laboratory staff to our Coffee Mornings, held at the Cosener's House, Abingdon, once a month.

The house itself is well worth a visit, the coffee is very good, and the company friendly.

The next coffee morning is scheduled for Wednesday, 10 October. Pop in at any time between 10.30 hours and 12.00 hours - we'd love to meet you.

If you would like further information please ring Gillian Litt (Abingdon 26009) or Dorothy Gibson (Abingdon 25250).

