

# Bulletin

of the Rutherford and Appleton Laboratories

14 July 1981 No.12

## Science Festival Weekend

RAL's involvement in the Space Shuttle programme formed part of our exhibit this year at the Science Festival Weekend held at Harwell Church on 20-22 June.

The Festival, now an annual event, is organised by the Rector of Harwell with Chilton, as an opportunity for the local community to see what is current in scientific research at the local Research Centres.

The RAL Exhibition consisted of display boards and models designed to give an impression of the diversity and scope of the work of the Laboratories. The theme ranged from particle physics (on the small scale), to Man-sized studies of the Earth's environment and extending out into space to the observation of Galaxies and Quasars.

Of special interest to younger visitors was a model of Space Shuttle. Also on display was a model of CHASE, the Coronal Helium Abundance Spacelab Experiment, representing the first hardware involvement by RAL in the Spacelab programme and due to be launched in November 1983. During

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## Art and Crafts 1981



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"It's amazing what skills we have in our midst."

"I'm now seeing colleagues I've known for years in a new light."

These comments sum up the expressions of delighted surprise which are still expressed even at this our third Art and Crafts Exhibition.

In fact this annual event has become a high-spot in the RAL calendar looked forward to by exhibitors, staff and visitors alike - an event that draws like minds together and provides an opportunity for us to show our visitors and families that things scientific are not our only interest, and to meet ex-colleagues.

This year's exhibition, held on Tuesday 30 June to Thursday 2 July, attracted over 500 visitors, which with viewing hours confined to lunch-times and one evening, was a gratifying attendance. Over 50 people exhibited their work and the range of material was wide and all of excellent quality. The layout design had obviously been given much thought. The Committee are to be congratulated for doing such a professional job.

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## Science Festival

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the school visits, there was much interest in a colourful exhibit designed to demonstrate the transmission of light through perspex lightguides.

Esso Research Centre, The Medical Research Council's Radiobiological Unit, The National Radiological Protection Board, Harwell Laboratory, Ratcliffe Orchids Ltd, Raychem Ltd and local schools all took part. The Rev. Brian Meardon, well known to Harwell & RAL staff as an old colleague gave the Sunday evening Sermon, and on Monday morning (traditionally "Schools Morning") parties from St Birinus Didcot and Harwell Schools were shown the work of the various centres.

The Rector has kindly written thanking the Laboratories for our interest in the venture - we were delighted to be asked to take part!

## SAVED

Colleagues from Appleton may be interested to read this snippet gleaned from the 'Slough Observer'

The Calor Group have promised that they will not pull down the wooden hut where Sir Robert Watson-Watt developed radar, when they take over Appleton Laboratories.

Unaware of the historic significance of the hut, now used as a social club at the laboratories in Ditton Road, Calor's finance director Mr Sinclair Shearer said he would check on the company's plans for the building.

Having discovered that it was being used by the Science Research Council, the present occupants of the site, as a social club, he said: "We will continue to use the building as a social club. "We will not be pulling it down because of its historic significance."

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## Trade Exhibition

There will be a mobile exhibition by Technation Ltd of

Swagelok Twin Ferrule Tube Fittings  
Cajon Pipe Fittings and Adapters  
Whitey and Nupro Valves  
Sno-Trik High Pressure Fittings

on Thursday 30 July outside R20 from 14.00 to 16.00 hours.

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## Film Badge Notice

It is PERIOD 8, Colour strip YELLOW. Please change your films promptly and return all old ones. Anyone needing a new film holder contact Jenny Coates, extn. 430.

## Arts & Crafts (cont'd from p1)

As in previous years the crafts of pottery, knitting and needlework were represented, also new examples from our painters and makers of soft toys. The Model Railway Club had on show a delightful layout. The first chance many of us have had for a little while, to see and admire their skills. REMAP also demonstrated their work for the handicapped, a very worthwhile exercise. New on the scene, were examples of quilting, patchwork, metalwork, leatherwork, and an eye-catching decorated goose egg.

We, who visited the exhibition, would like to thank the members of the Committee for again presenting us with the opportunity to spend our lunchtimes in such pleasant and stimulating surroundings.

The Committee would be very pleased to receive comments (good and bad) and suggestions for another exhibition. Also they wish to thank all who visited for their contributions which raised £50 for the Sue Ryder Home at Nettlebed.

### RUTHERFORD & APPLETON LABORATORIES RECREATIONAL SOCIETY

PRESENT  
AN EVENING NARROW BOAT TRIP  
ON THE OXFORD CANAL  
(LOWER HEYFORD TO ENSLOW)  
on Wednesday 5 August

The 2½ hour journey will include a 'Boatman's Buffet' and there is also a bar on board.

A coach will leave the Laboratory at 19.15 and arrive back at Chilton at approximately 23.00. 48 places only.

For further details contact:  
Nigel Angold (Building R25, Ext 6508)  
by 21 July.

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## Remote Sounding Seminar

CONFERENCE ROOM R61 - 1030 HOURS

16 July Mr J Selby/Grumman Aerospace  
The Infra-red Transmission  
of the Atmosphere: Work at  
Grumman Aerospace

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## Thanks

Eva Dawson wishes to say, thanks to all those who contributed to her retirement present and lovely bouquet of flowers, and 'Cheerio' to the colleagues she was unable to see personally before she left.

## Many Thanks Peter

The Committee of the Rutherford and Appleton Rec Soc would like to say thank you to Mr P Craske, our former Secretary, who relinquished this post recently after many years. Peter was one of the founder members of the Rec Soc and did a large amount of work for the Society. He was the front runner in all things and did a very good job. Being Secretary was often a thankless task, and brought much undue criticism at times, all of which Peter shouldered with amazing fortitude.

Thankfully we are not losing Peter, he is still a committee member.

## Trophies Please

Would all competitors who won trophies at the Indoor and Outdoor Sports please send them to Mr A Foster in R6 for engraving.

## RAL Soccer Success

The 1981 National Bubble Chamber Group Soccer Competition was played at Birmingham University on Saturday June 20th. The team from RAL emerged the winners after a very closely fought competition.

There were 8 mens teams; 3 from Birmingham, 2 from Imperial College and one each from RAL, Oxford and University College London. The day was graced by 4 ladies teams one each from Birmingham, Oxford and I.C. and a team of RAL and Birmingham ladies.

The Ladies competition was won by I.C. with a fine volleyed goal - the best of the competition!

The path to victory of the RAL team began with a Martyn Davenport goal in the qualifying round. The semi-final against Birmingham 'B' ended in a 0-0 score after extra time. It was settled by a 'sudden death' penalty shoot out. High speed reactions from Alan Michette brought RAL safely through to the final. This, played against the Imperial College 'A' team was a monumental struggle but was settled in great style by a classic Bob Brown goal.

The members of the team were:-

Ken Paler (Player Manager and Captain), Bob Brown, Martyn Davenport, Bill Lanyon and Alan Michette (now at Q.E.C.-London).

It is a pleasure to congratulate all those involved with the organisation of the day. The competition was well run and the après soccer festivities very enjoyable.



## SERC Sports Day

This was on our second visit to Imperial College's Sports ground at Harlington, (near Heathrow) for the SERC's annual Outdoor 'Sports Day'.

Held on Wednesday 24 June, the day was a very enjoyable one for those who did attend, though schedules did get a little out of hand from time to time, and the weather was not conducive to any record breaking. Perhaps that's why spectators were not very much in evidence. And while we are on the subject, what happened to our hockey team and the reigning netball champions?

However, RAL acquitted itself well, as the following reports will testify. The Disco and Chicken & Chip Supper held at Chilton after the games was well supported and with dancing to the 'Modern Mood' proved successful and enjoyable?

We thank all the sports organisers, the staff of Imperial College and the RAL restaurant staff for the part they played in the days entertainments, and we hope to see more of our colleagues, with bats, rackets etc in their hands, and ready for the fray, next year.

## Angling

The Angling Competition was fished at Runnymede on the Thames, and once again was a Rutherford-Daresbury battle. This year to make a change the fish decided to participate. It was soon clear that with the river in good condition, but with a fairly fast flow, tactics would play a part in the deciding result. The anglers who float fished caught the greater weights, and in fact everyone weighed in.

Rutherford 'B' team were the eventual winners with Rutherford 'C' in second place and Daresbury 'A', third. The winning team was Peter Craske, Geoff Kidd, Daryll Taylor and Keith Adkin. The Individual Title went to Peter Craske with 71b 12oz, followed by Colin Watson (Daresbury 'A') with 51b 11oz and Stan Buckle (Rutherford 'C') with 21b 7oz.

## Bowls

The Bowls Tournament was played again this year at Pinkwell Park, Hayes, Middx.

We had 3 Triples from RAL and 2 Triples from Daresbury Laboratory, 3 Pairs from RAL and 2 Pairs from Daresbury. On the day we had to make a few changes through people letting us down. In the end we had 4 Triples from RAL and one Triple from Daresbury, 3 Pairs from Daresbury and 1 Pair from RAL. The one RAL team had to have a Reserve who had never rolled a wood before, but did very well for his first time. The Triples were won by Daresbury, also the Pairs.

I would like to thank all Players for a good days bowling and we all enjoyed ourselves.

## Cricket

Three teams were entered in this years outdoor sports championships Rutherford 'A' Rutherford 'B' and newcomers to the Chilton site an Appleton side.

For the fourth consecutive time Rutherford won the six-a-side cricket tournament with an outstanding all round performance from the 'A' Team winning all their games. Top scorer was N Myer with a 38. Closely followed by R Smith with a 33. R Smith being the backbone of all the innings only losing his wicket once. 15 wickets were taken by our bowlers who were, J Craig N Johnson, R Newman and D Stanley (captain) and with our fielding being so hard to penetrate very few runs were conceded.

The Rutherford 'B' side owing to a lack of bowlers (i.e. one over donated 26 runs to the opposition) were only able to win one of their matches but had a thoroughly good day with the bat, scoring 229 runs in their 4 innings and only losing a total of 5 wickets. The team captained by E Thomas (who was unbeaten throughout the championships) were M Banwell who shared a couple of good stands with N Grafton, D Gibbins who had a 29 not out N Gunadhi and A Smith who was greatly appreciated as he volunteered to make up the side due to a late withdrawal from the team.

The Appleton team were also only able to win one of their games beating Rutherford 'B' by 12 runs. A Buck scoring 40 not out and J Cathrew carrying his bat for 16 P Dickenson also had a good score of 23 against Daresbury 'A' and another score of 20 not out by J Cathrew against Rutherford 'A'.

Due to a delayed schedule the final match against Daresbury 'B' was abandoned.

### COACH STOPPED PLAY

The Appleton team were T Sivraj, P Cathrew, J CATHREW, P Dickenson G Thomas and A Buck (capt.)

## Football

This years football competition was played on a five-a-side basis with one substitute, and although the playing area was rather small, due to a bad interface between the organiser and the ground staff, proved very successful once everybody had consulted their range finders and adjusted their sights.

The competition was won by the Rutherford 'A' side who despite a shaky start won in fine style playing some delightful football and scoring eleven goals in the final against Swindon Office 'A'. The team consisted of Dave Collerton, Graeme Murdock, Alan Ross, Steve Townsend, Sean Sunderland and Andy Napper.

The Rutherford 'B' team reached the quarter finals and were only just beaten by the Daresbury 'A' side. This game revealed the goal-keeping talents of Ron Lawes who in a desperate bid for victory went into goal and unleashed Malcolm Edwards on the unsuspecting Daresbury side. The play almost paid off and Daresbury were relieved to hang on and win 3-2.

The 'C' team labouring under the dual handicap of the "Old Man" of Rutherford Soccer and a "Scouse" student with a penchant for shooting on the volley, and usually wide were further depleted by the loss of team goalkeeper Andy Flesher with a serious knee injury in the first game. Despite a good performance by their substitute goalkeeper "Billy" they failed to reach the Quarter finals.

Once again the most sporting team was the H.E.P. mob, the Rutherford 'D' team, who never lack enthusiasm and were unlucky to lose to Swindon Office "B" having twice been in front. Their attitude and approach to the game is an example to us all and confirms the belief that High Energy Physicists care about the little things in life.

Atlas 'A' playing some tidy football reached the semi-finals by which time some of their players were feeling the effects of earlier hand fought games and they lost to Swindon Office 3-0.

Atlas 'B' despite constant coaching from Andy Wells during play emulated the Rutherford 'C' team and failed to qualify for the Quarter Finals.

Alcoholics Anonymous this year appeared in the guise of Atlas 'C' team and as ever gave intoxicating, or should it be 'intoxicated', performances whenever they played. Team selection proved no problem as the team was selected on the basis of any five who weren't in the bar at the time of the match.

A late entry from an Appleton team caused some confusion early on but as Swindon Office 'D' side did not turn up they were fitted into the competition, giving a good account of themselves by winning one game losing one game and drawing one game, an all round performance.

## Tennis

Entries in the SRC outdoor sports day tennis competition were down somewhat on last year, despite the attraction of the very good grass courts at Imperial College Sports Ground. Only one pair from Rutherford competed in the mens event, whilst one pair from Appleton and one pair from Rutherford played in the mixed.

Both events were played as an American tournament with each pair playing 12 games against every other pair. In both of the competitions, last years winners were defending their titles and in both cases came out triumphant again. Will they do it again next year?



## Friday's Farewells

On Friday 26 June, we had to say farewell to two more of our long serving (and suffering?) colleagues - one of those sad days which appears to be coming too frequent for those of us who will miss them.

### Eva

Eva Dawson was cheered on her way by a large gathering of friends and colleagues in the R61 Conference Room. David Thomas was only half joking when he admitted he should have booked a more capacious venue.

On behalf of all those present, and many more who could not attend he presented Eva with a Radio-Cassette recorder, a beautiful bouquet and a special card.

In the 9 years that Eva had been his secretary David said, she had made his life so much easier, and he was glad to have the opportunity of saying personally how pleased he was to have worked with her. "It is rumoured" he joked "that I ran the Division - this is not true, Eva did! I helped when I was here."

Everyone wished Eva many happy hours with her gift, and a long and happy retirement. She had earned it.

At this point Ron Newport presented a surprise offering from the Overseas contingent of the RCBC.



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Eva thanked everyone for their kindness, which had made her life at the Labs so happy, and the friendly people who had made the job relatively easy. A considerate boss makes all the difference she concluded.

### Hugh

The crowd assembled to see Hugh Sangster off in style was less cramped - but only because R12 Conference Room is bigger!

Hugh arrived in 1969 to work on Nimrod, the supply of gases being his allotted task. So much expertise in this field was now his that it was going to be nigh impossible to replace him.

Peter Maxwell making the presentation to Hugh expressed his delight at being invited to do so, for three reasons; to acknowledge the friendship of years and how much it had meant; to get Hugh to open the memento, given as a small token of esteem from all his colleagues and to offer everyone's good wishes as one phase of Hugh's life led to another.

"On behalf of RAL I thank you for the cheerful way in which you've coped, and on behalf of your friends, thanks for your fellowship. May we wish you a long and happy retirement - Remember, come back and see us".

Hugh would be short in his comments he promised, as all the nice things he was going to say about himself had been said by friends! Admittedly amidst laughter he said that he'd tried to provide a service to keep his customers happy. He had regrets about leaving but was looking forward to fulfilling plans he had had for years. "Thank you for the propagator, goodbye and good luck".



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# Bulletin

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Deadline for insertions: