

# Bulletin

of the Rutherford Appleton Laboratory<sup>14</sup> Sept 1987 No.11

## INSIGHT ON SITE

On Wednesday 12 August RAL was host to a party of prospective women engineers from INSIGHT - an organisation set up by the Engineering Institute Training Board to encourage women to pursue careers in engineering.

After an introductory talk on the work of the Laboratory the students were taken on a tour visiting Laser, Space, High Energy Physics and ISIS areas.

An Open Forum followed where some of RAL's women scientists and engineers: Kate Liddiard (an ex-INSIGHT student herself), Debbie Thomas (Technology), Zoe Bowden (Neutron Division) and Zhi-Chun Zhu (Technology), answered numerous questions on opportunities for Engineers and Scientists in research.

Finally Sylvia Fones gave a short talk on recruitment procedures and career prospects for graduate engineers within the SERC.



Participants in Open Forum with guide Charlie Kwong.

87 RC 4647.



"From ion to proton via stripper", Tony Rush explains the mechanism using the ISIS model.

87 RC 4645



Zoe Bowden explains the measurements of superconducting materials using HRPD.

87 RC 4651.



## RAL at Alvey show

The 1987 Alvey Conference and Exhibition was held at UMIST between 14th and 16th July and was the largest to date. There were in excess of 100 manned stands with working exhibits plus numerous poster stands and a full conference programme. Delegates were encouraged to tour the seven display areas before or after the conference sessions or when not taking part in the conference.

RAL was particularly involved in IKBS (Intelligent Knowledge Based Systems) and architectures areas which they organised and administered. There was also a strong presence from the RAL Software Engineering, Human Computer Interaction and VLSI groups. All official photographs and a video of software engineering, IKBS and architectures were the responsibility of RAL Photographic Section.

The Alvey Directorate considered the venture to have been a success, with a higher attendance than in previous years. Certainly the majority of the RAL stands were very busy most of the time and attracted a lot of attention.

## Missing

The following items are the subjects of loss reports. Anyone with information please contact the enquirers.

Bosch Electric Drill  
Type CBS 700/2E  
Ser. No. 0603149742  
Lab. No. DR 13012

Information to R Hopes, Ext: 6838.

Polaroid Camera  
Removed from Dr U Steigenberger's office, R3.

Information to Dr Steigenberger  
Ext: 5145.

IBM Emulation Adaptor  
Put in the Internal Mail in April and disappeared.  
If you have it please contact  
Tony Peters, Ext: 6203.

## Trade Exhibition

Advance Power Supplies Ltd will be holding an exhibition of their products on Wednesday 30 September from 10.00 - 16.00 hrs in the R12 Conference Room.

John Caunt Scientific Ltd are displaying multi-channel high-voltage systems, fast NIM electronics and CAMTAC electronics in R12 Conference Room on Friday 2 October from 10.00 - 15.00 hrs.

## RAL Lectures

The next lecture in this series will be on Thursday 24 September at 3.15 pm in the R22 Lecture Theatre.

'SUPERNOVAE'  
by

Dr P Murdin  
Royal Greenwich Observatory

## Film Badge Notice

It is period 10 Colour strip YELLOW  
Please be sure you are wearing the current dosimeter and return all old ones to Jenny Coates, R12.

## Christian Fellowship

The Fellowship usually meets in the R2 Conference Room on Thursdays at 12.30 pm. All are welcome.

September Programme

10 Sept Personally Speaking Ray Powell  
17 Sept A.G.M.

24 Sept Visiting Speaker David Stillman  
(Prison visitor)

For more information please contact  
Margaret Summers, Ext. 5617.

## Sales to Employees

The sale of scrap materials to RAL staff will take place at 12 noon - 12.30 pm in the R24 Scrap compound on 11 and 25 September.

## Arts & Crafts Exhibition

13-15 October 1987

Have you sent in your entry form yet?  
Please do so as soon as possible.  
It's not too late to ask for forms if you wish to exhibit work.

Further details will be sent to individual exhibitors.

Fran Childs, Etc. 6499

## Obituary

Mrs Catherine Boyle

We deeply regret to announce the sudden and untimely death of Cathy Boyle on 25 July 1987 while on holiday with her family in Greece.

Cathy joined the Laboratory as a specialist typist in July 1983 working in various divisions including Instrumentation and Informatics. She will be remembered not only for her dedicated enthusiasm for her work, but also for her warm friendly personality which endeared her to everyone.

She will be sadly missed by her many friends and colleagues and we extend our deepest sympathy to her husband and sons.

## ROSPA Safe driving awards

This is the time of the year when the National Safe Driving Awards are being announced. The scheme started in 1927 by the Royal Society for the Prevention of Accidents, which attracts large entries each year and the Awards are highly valued. The details of the RAL 1986 awards are as follows:-

	Award	Accident Free Years
B Brown	5th Year Diploma	5
J Culley	2nd Bar to 20 Year Medal	22
M Fitzgerald	3rd Bar to 5 Year Medal	8
A Shoebridge	2nd Year Diploma	2
E Smith	4th Bar to 20 Year Medal	24
D Stock	5th Bar to 15 Year Medal	20
B Turner	5th Year Diploma	5

In 1986 RAL's drivers have clocked-up over 3 million accident free miles between them.

## Volunteer wanted

The Wallingford Oxfam shop needs a volunteer electrician. The present 'resident engineer' Paul Gardner is leaving the area and wants to find a replacement.

It takes only a few hours a week and does not involve mending broken items. High-voltage testing is not required but a multimeter is needed. Oxfam insurance covers the work carried out.

Contact Paul, R63 Ext. 6484 if you can help.



# Farewell and Adieu

## Cyril Adair

When Cyril Adair left school in 1936 he began work as a messenger boy before taking up an instrument maker apprenticeship. During the war he served in the Royal Air Force, then with various toolmaking firms before joining the Rutherford Appleton Laboratory in 1974.

Since working here, Peter Clee said, he had been involved in a number of major projects including AMPTE, ISIS and more recently the ZEBRA Balloon. His workmanship and ingenuity had been beneficial not only to the projects but to himself, Peter noted - he had received awards for no less than 25 suggestions!

Peter then presented the traditional Ray Robert's farewell card and a Quartz watch, a gift from his friends and colleagues.

In his speech of thanks Cyril left the assembly with a puzzle - who would make Ray's retirement card?



Cyril (left) shares an in-joke with Peter.

87RC 4623.

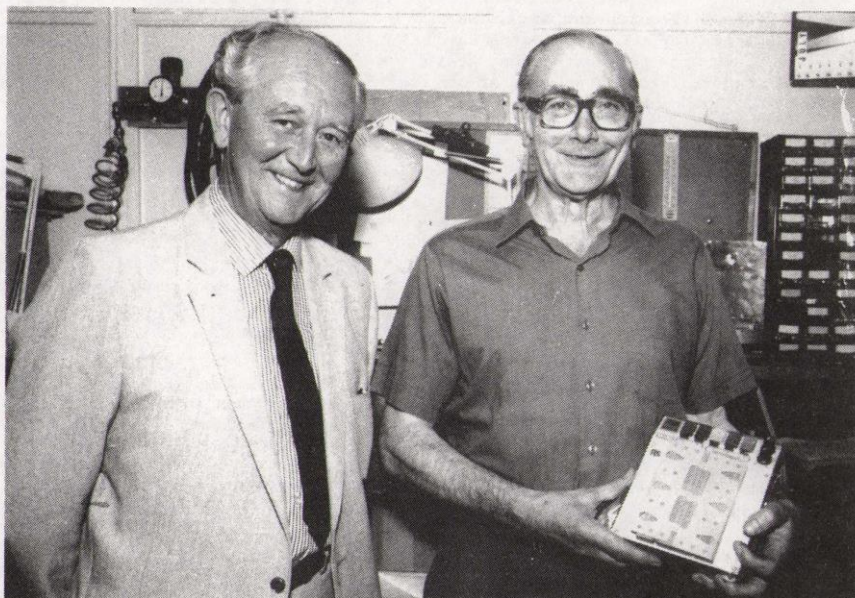
## Jack Summers

Jack Summers started work as a 14 year apprentice in 1936, joined the Royal Air Force in 1942 and returned to engineering on completion of his National Service. In 1971 he joined Plessey in South Africa, then the Rutherford Appleton Laboratory on his return to England in 1977.

Since working at the Laboratory, said John Boon, Jack had spent seven years in the Physics Applications group with spells at CERN and DESY, a short time on ISIS, then Laser Division in 1985.

Making the presentation of an electronics prototype board, a gift from his colleagues, John commented on the high quality of Jack's work and on the help and guidance he had given to junior members of the group.

Thanking everyone for the gift Jack said that he had very much enjoyed his time at the Laboratory and would miss the companionship he had experienced here. However, he would be busy not only doing the jobs needed at home but also putting his gift to good use.



Jack displays his newly acquired gift.

87RC 4553.

## Roy Terry

Roy Terry was born in Docking, Norfolk, and started work at 14 on the Kings Estate nearby. In 1940 he was exempted from military service providing he joined the Home Guard. In 1947 Roy joined the Air Ministry at Birkham Airfield, then transferred to Harwell in 1953.

This brief history of Roy's career prior to his start at RAL (then NIRS) in 1958 was given by David Gray to a packed conference room on Wednesday 5 August.

In his 29 years here, continued David, he had installed many miles of

electrical cables providing power to installations such as Nimrod, ISIS, Lasers and Computers as well as lighting and heating throughout the site.

David then presented Ray with a 'shield' to mark his retirement consisting of a copper plaque mounted inside a Nimrod ashtray. Other gifts from his colleagues included a garden chair, pewter hip flash and a pewter tankard.

Roy thanked everyone and the whole assembly broke into a choral rendition of Happy Birthday.



Roy receiving his shield from David.

87RC 4566



## Sic transit Gloriana

For RAL the Elizabethan Age is over. After 18 years as our Head Librarian, Elizabeth Marsh has departed to join the Financial Times.

During those years, with drive, determination and no little ingenuity, Elizabeth built the Library up from one dealing mainly with particle physics to the efficient multidisciplinary facility of today. Now that lack of "science funding" prevents her from pushing forward the services she believes RAL deserves, sadly she feels she can no longer give her best to the Lab and must move on. Her well trained staff will cushion the initial shock but the scar will take time to heal.

Too many nice things were said of Elizabeth to do more than resumé her leaving presentation but Bill Turner's (oft interrupted) appreciation of her career made it clear that not only is she highly regarded professionally but loved and respected by her many friends and colleagues.

"It's been enormous fun", said Elizabeth in her speech of thanks for the gifts with which she was showered, (especially for the Ray Roberts card). "I've been very fortunate in my staff. It's wonderful to see so many of my past colleagues back for this occasion.



87Re 4480.

The Library does not run on the efforts of one person and I pay tribute to them all. To all the technical and scientific staff I say goodbye hoping that in small part we have given you what you most deserve - you're the best".

"I'm told that journalists are demanding, awkward, vague and at times unreasonable - it will be just like home. I shall miss you all but expect to see you on the train to Paddington. Thank you, everyone".

## Welcome Pat



Pat Wastle, the Rec. Soc's first full time 'barmaid' heeds Cordon Walker's words of encouragement as she pulls her first pint in the Lounge Bar.

87Re 4554.

## Table Tennis 87/88

The season starts in mid September and RAL Table Tennis Club are looking for players to help form teams for the DIDCOT & DISTRICT TABLE TENNIS LEAGUE.

All standards of players are welcome, from beginners to top league standard.

For more information contact:

Peter Kent, Ext: 6325 or  
John Varley, Ext: 6508

As soon as possible, please.

## Thanks

Bill Trowbridge wishes to thank all who contributed to his farewell gift. The Escher print now hangs on his new office wall and the compact discs have had a test run.

To all he sends his thanks for help and friendship during many years and to Ray Roberts much appreciation for The Card.

Elizabeth Marsh thanks all the many people who so generously contributed to her leaving presents.

"I tried to say goodbye to as many friends as possible," she writes, "but after 18 years there were more friends than there was time!"

# Bulletin

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