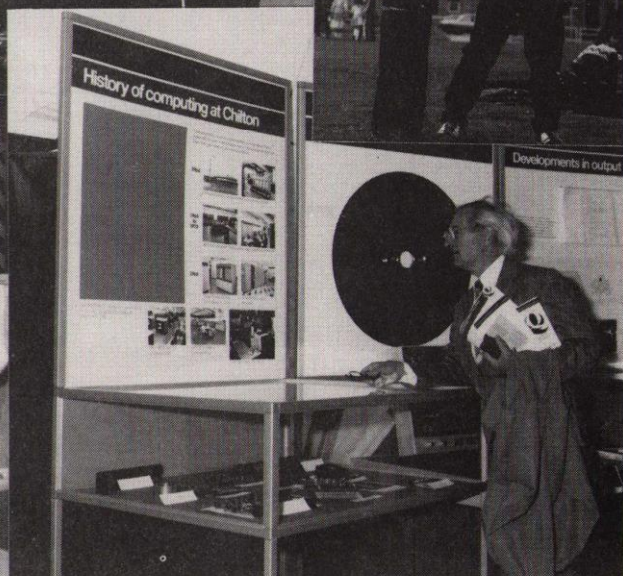
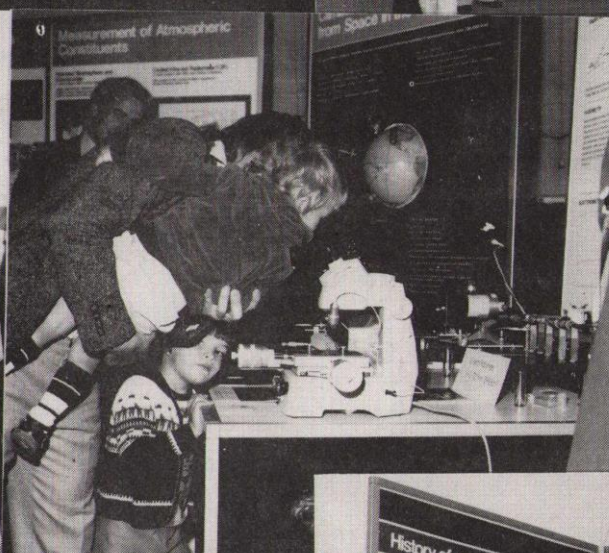


Bulletin

of the Rutherford and Appleton Laboratories

23 July 1980 No.10

Open Days 1980



We Showed Them

None of the disasters that could have happened did. It didn't rain incessantly, the marquees remained standing, the exhibition came together in time and the guests arrived. Many letters of congratulation have been received, saying how impressed visitors had been by the range and excellence of the Laboratories' work and how pleased they had been by the helpful attention they had received from all the staff. So - 'Open Days' appear to have been very successful.

As an added bonus, we all now know what the other guy does - and even how!

Day One

Tuesday dawned, if not bright and fair, at least dry, and by the end of the day over 900 students from 41 schools and colleges of further education, some from as far a field as Birmingham and Brighton, had visited the Exhibition.

All over the site lively groups of youngsters seemed to be engaged in searching question and answer sessions with the demonstrators. (It is believed most questions were answered satisfactorily.)

Press Day

Unfortunately the indisposition of The Right Hon. Mark Carlisle, Secretary of State for Education and Science, prevented his attendance on Wednesday, but Mr Neil Macfarlane MP, Parliamentary Under Secretary in the Department of Education and Science, and Mr Mike Marshall MP Parliamentary Under Secretary for the Department of Industry ably deputised at the Press Conference held in the afternoon. Their message was one of hope for the future of scientific research. "We have tried to ensure that by the mid'80s there will be a five per cent increase in the level of expenditure", said Mr Macfarlane. About 30 members of the Press were on site throughout the day, also attending a morning Press Conference held by The Chairman of Council Sir Geoffrey Allen and the Directors of the Laboratories.

Dr Stafford gave a resumé of the history of the Laboratories, the reasons for their foundation and the aims they set out to achieve. Though the Rutherford Laboratory had started life exclusively to provide facilities for universities in high energy physics research, the range of work had expanded and with the inclusion of the Appleton Laboratory's communication and space work, the theme "Quarks to Quasars" was truly the scope covered. Sir Geoffrey Allen restated the philosophy of the Laboratories and forecast that within 20 years this site would be the one to which all universities would look as the main source of specialised facilities.

Subsequent questions to Dr Manning and Professor Houghton brought forth enthusiastic descriptions of an ambitious, wide ranging, and demanding programme that was awaiting the future; though at present the restricted budget was slowing progress in certain areas of the Laboratories' work. Meanwhile about 150 guests were being welcomed and escorted round the exhibits.

More Guests

On Thursday and Friday a further 875 guests were guided round the site. Quite a number requested another 'bite at the cherry' and to our gratification returned for a second visit later in the week. On both these days we were particularly pleased to welcome coach loads of staff from our sister establishments of the SRC.

Families & Friends

Relaxed and slightly flushed with success the Laboratories set out to enjoy Saturday, showing families and friends what all the previous months' long hours of hard work had been for. It is estimated that from 4000-5000 visitors attended Families day, and the site was en fête. We were particularly pleased to see so many pensioners amongst us again, renewing old acquaintances and no doubt reminiscing about times gone by. Many staff and visitors flaunted their specially produced 'Quarks to Quasars' T-shirts and a roaring trade in souvenirs bearing the Open Days logo, was done by a dedicated band of ladies, in the R22 coffee lounge. As well as the crowds thronging the official exhibits, many families crowded to watch a demonstration of glass blowing, whilst the computer games in the Atlas Centre were a great draw. To add a little more spice to the proceedings, a balloon race was organised.

At the end of the day, though we'd hate to go through the preliminaries again for a while, many were sad it was over. Much had been gained from contact with such a wide spectrum of interested visitors. The Open Days were indeed a vast team effort of which we can all justifiably be proud.

Sales to Employees

Sales of scrap metals/plastics as set out in RLN 12/73 will be made on 2 and 16 August at the scrap compound rear of R40 from 1200-1230 hrs.

Dust from St Helens Over Winkfield

Dust from the eruption of Mount St Helens, Washington USA on 18 May has been observed at Winkfield Tracking Station. Transported at lower stratospheric heights the material was observed by a vertical-sounding, ground-based optical radar system, incorporating a pulsed laser operating near 600 nm.

Observations in the eastern USA and Canada on 22 May showed the presence of thin layers in the height range 10 - 16 km covering two large areas. It is thought that these moved eastwards off the Atlantic Coast on or prior to 27 May. Observations at Winkfield on that date showed normal conditions but for the period from 4/5 June to 8/9 June a very unusual scattering layer of about 1 km thickness was observed at a height of 15.5 km. The weather interfered with the subsequent observations but normal conditions were observed on 19/20 June implying that the layer observed previously had moved to the east of Winkfield.

Award for Ditton Park Team

Roger Emery and Albin Zavody of Geophysics and Radio Division have just had a very pleasant surprise. They have been awarded the "Paul Adorian Premium" by the Institution of Electronic and Radio Engineers for the paper 'Atmospheric propagation in the frequency range 100-1000 GHz'. This paper was considered the most outstanding paper on communications or broadcasting engineering to be published in the Institution's journal during 1979.

Roger and Albin have been working together on Atmospheric Absorption until Roger's departure for the European Space Research and Technology Centre in Holland, where he is now developing an interferometer to be used for observing atrophysical objects from a balloon.

The Prize takes the form of books or scientific instruments, chosen by the award winners, and the presentation takes place in London at the Institutions Annual General Meeting which is to be held this year on 23 October. Congratulations to you both!

Rutherglen Memorial Prize

The fund which was set up in memory of the late Professor J.G. Rutherglen is used to finance an annual award to a postgraduate student in experimental particle physics from one of the universities associated with the electron synchrotron NINA. The award for 1980 will be made to Mr Stephen John Wimpenny of Sheffield University.

Arrivederci

Since the last Bulletin went to press five more of our colleagues have bidden us farewell.

John

John Sissons, doyen of Finance & Accounts, retired on Friday 23 May after 20 years helping to keep the Laboratories' finances on a sound footing.

John came to us in 1960 to join an embryonic finance and accounts section. In 1968 he was promoted to SEO and went to London to work on Financial Regulations, until returning in 1970 to start a new career as head of the Administration Division Data Processing Section. Since 1974 John has been group manager of Finance & Accounts.

On being presented with a Tape Recorder/Radio and a large card, accompanied by a warm speech of appreciation by Jim Valentine, John said that he was touched that so many of his colleagues had come to wish him well, and by all the good wishes he had received. "Thank you all very much."

Roma

On Friday 30 May we had to say goodbye to Roma Newberry.

For the past 10 years Roma has been "village mid-wife" (as Jack Wyatt so picturesquely put it) to the Laboratories. "She has put so much into the business of helping people, she has become a symbol in respect of Laboratories Recruitment", he said, as he presented Roma with two silver wine goblets on behalf of her many admirers. "We will miss you an awful lot".

Roma replied that she had never been so embarrassed before, as she had been listening to all the nice things said about her. She hoped she had done a good job - she had always tried to help. She would miss the work and the people, it had been a good experience and, she said "You people have helped to make it so. I'm delighted with the goblets, - thank you all."

Jackie

On Thursday 13 June Jackie McDermott of Training Section, had to listen to nice things being said about her.

"Jackie has been an exceedingly good second in command", said Tom Gubbins as he presented her with a beautiful pair of earrings on behalf of her many friends. "Thank you from me, from the Laboratory, and from all your colleagues. We wish you every success in your new job at Swindon."

"Thank you all very much, they're gorgeous," said Jackie, "and thank you for the good times we've had. I hope I can meet the challenge of the new job."

Ted

On Friday, 27th June, R61 Conference Room was filled with colleagues and friends to say goodbye to W J (Ted) Tallis. David Thomas presented Ted with a cartoon illustrating the many activities he hopes to pursue in his retirement and added to this a portable easel and folding chair for his painting, now well known through the Laboratories' Art and Craft Exhibitions. He thanked Ted and wished him happiness in his retirement.

Ron Newport added to these wishes those of the RCBC project team in which Ted had played a leading part over the last few years. In recalling their long association, since Ted joined the Laboratory in the early 1960's he asked him to apply his considerable cryogenic expertise to preparing a bottle of champagne which he presented to him with best wishes for a high bubble density and a happy retirement.

Phil

On Friday 27 June, Phillip Crane designer of the Laboratories' much admired library building retired.

Phil had been architect on the Chilton site for 19 years, and it is in great measure due to him that the Laboratories have their pleasant and attractive aspect. The library building has become the centre piece of the Chilton complex featuring in so many of the Laboratories' brochures, leaflets and guides, that it has become the symbol of the site. Much of the landscaping of the area, is also a product of Phil's creativity, as are the designs for many features of the site both internal and external.

At a large gathering of his friends and colleagues Roy Tolcher paid tribute to the work Phil had done for the Laboratories' and thanked him for his efforts on our behalf.

Amongst the mementos presented to Phil, was the gift without which the ceremony would have been incomplete - a tray made to the 'Crane' design and incorporating a coloured picture of the Library Building. As someone once said of another Architect "If you would see his monument - look around".

Missing

Would anyone knowing the whereabouts of the following items please contact J L Thomas Ext 374/389.

Avometer Model 8 No 36910-C-855
Stopwatch Serial No 115/72

C J Webb Ext 6345 would also like to know where his TI59 Calculator No 004555 is now residing.

Also amongst the missing is one oscilloscope - Solatron type CD/1014/2 Serial No 81428. Please contact Mrs E Dawson Ext 424 if you can help.

ATLAS CENTRE DEMONSTRATIONS COLLOQUIUM R27

13 Aug
(1000-1500 hrs) 'Prime Computers
Database and Word
Processing
Demonstration'.

14 Aug
(1430 hrs) 'Ventek Word
Processor'

For information on both demonstrations please contact K M Crennell Ext 6397.

Obituaries

We regret to announce the sudden death of Mr Derek Sayers on Sunday 18 May. He was aged 58.

Derek will be missed greatly by his colleagues and friends at the Laboratories, particularly in Technology Division. We extend our deepest sympathy to his wife Betty and to all of his family.

Sadly we also have to announce the death of Mr J T Reader on Thursday 12 June at the John Radcliffe Hospital. He was aged 61.

Jim Reader joined the Laboratories in 1961 from AERE and after a period with the PLA and Nimrod Divisions became DAO for Technology Division, R25 and R20.

As Secretary to the Technology/Neutron/Laser Divisions Safety Committees, a member of the Engineering and Building Works Division Safety Committee, an employee representative from the Staff side on the Laboratory's Safety Committee and Safety Policy Committee he made a significant contribution to the enhancement of the health and safety of his colleagues at work. He was a valued member of the Whitley Council Staff Side, who will be greatly missed by all his many friends and colleagues.

We extend our deepest sympathy to his wife Helen and to his sons Philip and Brian.

In Memoriam

Following the untimely death of Jim Reader, a collection has been arranged, the proceeds of which will be equally divided between Cancer Research and The Migraine Trust.

As Jim was so well known it is difficult to contact everyone who would like to subscribe, so, if you have not already made a donation but would like to, please contact Helen Ireson, Room 2.38, Building R25.

There is also a booklet containing the signatures of all contributors, so a personal visit would be best.



They've Done It Again

After the impact of last year's first Art & Crafts Exhibition, one hoped that it would become an annual event, but wondered if the immensely high standard could be sustained. We need not have doubted - 1980's Exhibition was, if possible, even more exciting.

Encouraged by the success of 1979, entries increased, about a quarter of these being from new exhibitors, and even more visitors attended. Standards were just as high, with the added pleasure of examples of additional crafts.

A special showing was arranged for four wheel-chair bound guests from the Cheshire Home Burcot, for which a voluntary entrance contribution had been collected. They stayed for over an hour and thoroughly enjoyed their visit.

Once again we are grateful to the committee of Jenny Coates, Myra Gilbert, Jan Aird, Pauline Gammon and Sarah Halliwell for their hard work in planning and organising such a pleasurable event. We hope they enjoyed it as much as we did.

Table Tennis

In spite of a difficult season for the Club as a whole, the Evening League teams have scored great successes. The 'A' team of Tim Pett, Eric Thomas and Colin Cherrill won convincingly the Division II League Cup Championship in the Didcot and District Table Tennis League, Tim Pett also winning the individual Division II champion title.

The 'B' Team of John Varley, Bob Hopgood, Edwin Jagne and Peter Tipper, also entered in Division II, did well to come fourth; as did the 'C' Team of Brian Wyborn, Peter Collins, Peter Horton, Harry Jarvis and Richard Lawrence in Division III.

Lunchtime players will be pleased to learn that table tennis now takes place in building 258. Everyone is most welcome, though players must be Recreational Society full or associate members. The Club wishes to extend a warm welcome to our Appleton Laboratory colleagues, and invites them to participate in the Table Tennis Club's activities.

The new season starts this September, so if anyone is interested in playing in one of our evening league teams, they should contact Brian Wyborn, ext 6215 in the next few weeks. General enquiries about Club activities should be addressed to John Varley, Ext 6363. With new premises, the teams should go on to even greater success next season.

'Round CERN' Victory

The 3.9Km annual relay race round CERN was won this year by a team from the Charged Hyperon Experiment calling themselves "Charmed Baryons". The team consisted of four Rutherford and Appleton Laboratories staff Bill Louis (captain) Bob Brown, John Gordon and Barry Saunders, ably abetted by Steve Biagi (QMC) and Dave Stickland (Bristol).

Their winning time was 10 mins 48 secs.

Last year the race was won by the e-v "Road Runners" in 10 mins 37 secs.

What's wrong lads - slowing down!

More Success for HEP

Lee Cooke, toast of HEP, was again (2nd year running) Ladies Champion of the Wallingford & District Bar Billiards League. She will now go through to a further competition between herself, Oxford City and Witney District Ladies Champions, the winner to represent Oxfordshire in the All England finals later this year. Incidentally Lee was also one of the winning AERE B team which came top of Division II this season.

SRC Golf Tournament 1980

For the second year running a team of our golfers have brought the "Brian Flowers Trophy" back to the Rutherford Laboratory. The Rutherford 'B' team captained by Gordon Walker, ably supported by Don Falconer, Ian Gardner, Ken Louch, Robin Walters and Robin Witty, beat teams from Daresbury, Swindon, RGO and Appleton in a 36 hole medal competition. A total of eight teams competed, Appleton were runners up, the Rutherford 'A' team golfed their way to third place.

Two special trophies were introduced this year, "The Chairman's Trophy" for the best gross score over 36 holes and "The R.G.O. Trophy" for the best nett score over 36 holes. Congratulations are due to Robin Walters for winning "The R.G.O. Trophy", this, by the way, is the second year running that Robin has won the prize for the best nett score. "The Chairman's Trophy" was won by Mick Jeffries of Swindon Office. George Spalding of Appleton won the best nett morning round and Ron Roberts of Rutherford 'A' won the best nett afternoon round.

Our thanks to R.G.O. Herstmonceux for being hosts for this year's tournament and for an excellent day's golf at the Highwoods (Bexhill) Golf Club on Friday 20th June, in dry but very windy conditions.

Tom Benyon Visit

Mr Tom Benyon, MP for Abingdon, visited the Exhibition on Wednesday 9 July, though the failure of negotiations to keep the MG Works open prevented him from making a lengthy tour.

Late News

(You will be pleased to hear that £40 was collected for the Cheshire Homes - to be spent on outings).

Bulletin

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