

The Director's Christmas Message

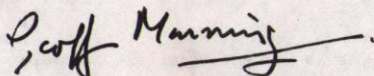
This is my first Christmas Message as Director of the Rutherford Laboratory and I am fortunate in that I take over the Laboratory at a stage in which it has an extensive programme for the future. That programme is broadly based and includes all aspects of the work covered by the Science Research Council.

1979 has been a very full year for the Laboratory. The High Energy Physics programme has been based upon the CERN and DESY accelerators. Major experiments have been installed and exciting results obtained. The Science Board programme has seen a very productive year for the Laser programme including several "firsts" and there is now general agreement that the Laboratory programme is one of the best in the world. The work on the SNS has reached the stage where equipment has started to arrive and there is a noticeable improvement in morale and drive. The Engineering Board programme has been highlighted by the opening of the Electron Beam Lithography service. The machine is now producing masks and the demand is growing rapidly. The work is dependent upon the computing provided by the ICF and is supported by the work of some of the application special interest groups. In the general computing area 1979 saw the delivery of the IBM 3032. The ASRB programme is now much more evident on the Chilton site - we have all seen the IRAS dish floodlit at night and I am sure you will all agree it is a very beautiful addition.

All of you are to be congratulated on your effort during 1979 - well done. 1980 will offer new challenges and I choose two to bring to your attention. The SNS programme is gathering momentum, we have nearly 200 staff working on it, it is one of the most challenging projects we have ever undertaken and we must keep the pressure up during 1980. The Rutherford Appleton merger is now firmly on our plate and we must do our very best to help our Appleton colleagues make the difficult transfer, we must make them welcome and aid them in any way we can.

I wish you and your families a very pleasant holiday. I give you my grateful thanks for your efforts during 1979. I look forward to working with you during 1980.

Happy Christmas and a Merry New Year.



Guests of Honour

Dr Reinhard Budde and his wife, Heidi, were honoured guests at the Rutherford Laboratory on Wednesday 5th December. Reinhard, as a prizewinner in the CERN 25th Anniversary Essay Competition, was able to select to visit one of the areas in Europe where some of the larger laboratories involved in Particle Physics are located (such as Hamburg, London, Moscow, Paris or Rome). When the 8 prizewinners were announced in September, Reinhard declared his wish to visit London and the Rutherford Laboratory.

The Competition

Entrants to the CERN Essay Competition had to submit an article on some aspect of the research, or about life at CERN, or the people who work there. Reinhard wrote an amusing tale about a problem which arose in the early days of CERN when the stock of compressed nitrogen gas used to operate a bubble chamber came close to running out. A supplier in Geneva offered to open his store during the night, but a driver and vehicle had to be found at short notice. Those were the days of improvisation and "nothing could stop us from succeeding".

The Prize

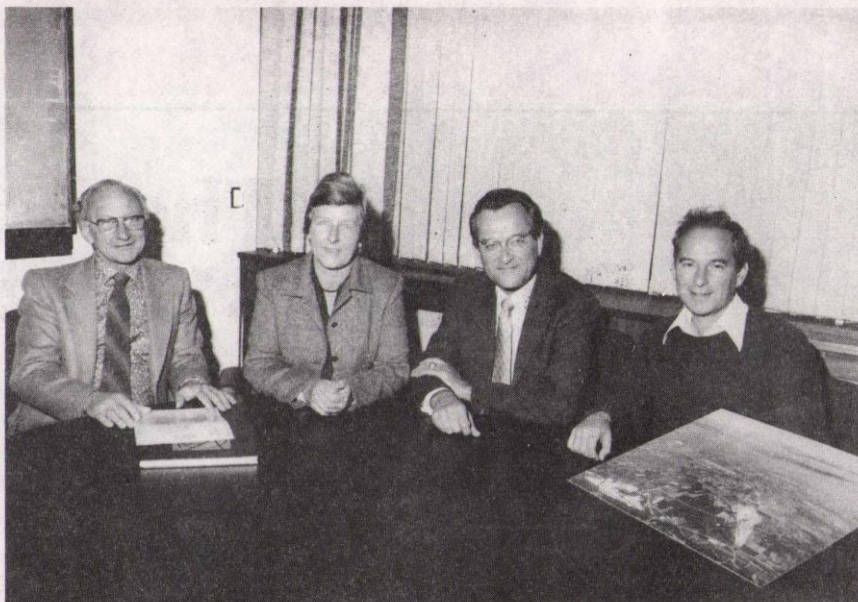
This certainly provided a success story for Reinhard and Heidi Budde who spent their first few days in London shopping, sight-seeing and visiting the theatre.

Reinhard and Heidi arrived at The Cosener's House in Abingdon on Tuesday 4th December and were taken to dinner at the 'George' in Dorchester by Geoff Manning, George Kalmus and their wives.

On Wednesday morning the prizewinners were welcomed at the Laboratory by Drs Godfrey Stafford and Geoff Manning. Reinhard brought several gifts including an album of photographs of CERN's 25th Anniversary Celebrations, a beautiful aerial view photograph of Geneva showing the CERN site and a special message from the Directors-General of CERN to Dr Stafford.

Mrs Budde joined her husband on a tour of the microelectronics world at the Electron Beam Lithography Facility and then left for a tour of the Oxford Colleges. Dr Budde continued at the Laboratory with a visit to the IRAS Control Centre and the HEP Scanning Labs.

Following a special private lunch with Drs Stafford, Manning and several senior staff, Reinhard visited the Central Laser Facility, the construction area for the Rapid Cycling Bubble Chamber and toured round the Spallation Neutron Source project.



Dr & Mrs Budde, at the start of an eventful day, after they had presented gifts from CERN to Drs Stafford and Manning.



Dr Budde, with Dr Newport, takes a professional interest in the beam exit window of the Rapid Cycling Bubble Chamber.

For Remembrance

It was a fairly busy day for the Buddes, during which they were given some small mementos to remind them of their visit, including a framed picture of The Cosener's House, a novel optical gift from the Laser Facility and an album of photographs taken during their visit (but sent on later). Reinhard expressed considerable surprise at the variety of activities at the Rutherford and Appleton Laboratories and was particularly interested in the technological "spin-offs" which are now being developed from techniques used in pure research programmes.

The Laboratory was indeed honoured by Reinhard Budde's decision to visit us here at Chilton. It is this kind of personal contact which is so typical of the close collaboration which exists between the CERN and Rutherford Laboratories.

Thankyou All

The Editor would like to thank everyone who has helped with the production of the 'Bulletin' during the past year.

She is grateful to Myra Gilbert and the ladies of the Typing Pool for their patience and understanding, to Reg and Mike the photographers who always produce what is wanted - often before she knows it herself, to the inmates of 'Repro' for their cheerful calm, to fellow members of her group for listening, correcting and suffering her panics; last, but by no means least, thank you to all contributors, who have patiently explained their work, and corrected articles where she has inevitably got it wrong! To all of you, I wish A Very Happy Christmas, and every success in 1980.

Coffee at Cosener's

After the hurly burly of the Christmas period, perhaps a quiet coffee at The Cosener's House would be a welcome treat. Try it on Wednesday, 9 January, between 10.30am and 12 noon. All wives and children of Rutherford and Appleton Laboratories Staff will be most welcome.

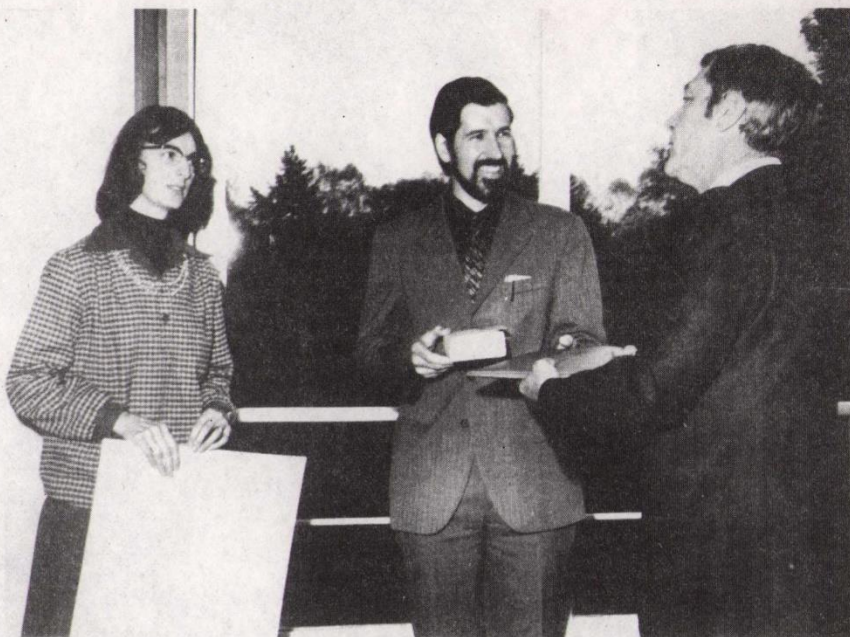
Christmas Mail

The LAST DELIVERY of mail to the Post Office will leave the Main Post Room on Friday, 21 December. Mail reaching the Post Room after this date will not be taken to the Post Office until Thursday, 27 December 1979.

Trade Exhibition

There will be an exhibition of industrial borescopes and fiberscopes by KeyMed on Thursday 10 January in Conference Room 5, Building R20 from 1000 to 1600 hours.

Another Prizewinner



Dr & Mrs Imrie exchange souvenirs with M. Devic, Deputy Director of CEN.

Dr Derek Imrie, of University College London, also entered a prizewinning article in the CERN 25th Anniversary Competition. He described his feelings on one particular Saturday morning in January 1977 when he arrived on shift to find that his experiment WA4 had been engulfed in flames during the previous night. Despair struck the team as they viewed the charred multiwire chambers stacked inside their main magnet. Fortunately, after a tremendous effort, the team rebuilt the equipment and were able to recover from this serious set-back after about 6 months of toil.

To Saclay

Derek and his wife, Sandra, chose a week's visit to Paris as their prize

and were royally entertained for a day at the Centre d'Etudes Nucleaires at Saclay. As special ambassadors from CERN, the Imries were given a most enjoyable and informative tour of the Department of Elementary Particle Physics, a fascinating tour of the reactor Orphee, and entertained at a special lunch with Mr Devic, the Deputy Director of the Centre, and other senior staff. Amongst the several gifts exchanged, the Imries received key rings, a framed picture of the site, an album of photographs taken during their visit and an 0.1 litre sample of aerogel! Derek and Sandra wish to express their thanks to the many people at CEN Saclay who made this visit the highlight of their stay in Paris.

Lecture Theatre

Users of the Lecture Theatre will have noticed the new carpet fitted during recent weeks. To help maintain the appearance, users are reminded of the no smoking rule and are now requested to refrain from taking drinks into the Lecture Theatre.

Thank You.

National Savings

Monthly Cycle No 23 1.8.79 to 31.12.79. Certificates are now available for collection from the Cash Office R20.

Film Badge Notice

It is Period 13. Colour strip RED for beta-gamma films.

Period I for 1980 commences Tuesday, 2 January. Colour strip GREEN.

Missing

Would anyone having information on the whereabouts of the following items, please contact L Goodall, Building R25, Ext 6149.

CAMERA ITEMS

NIKON Lens 3.5/135mm No L200217
NIKON Bellows Attachment PB-5
NIKON Panorama Head AP-2



RUTHERFORD LABORATORY

Deadline for Insertions

BULLETIN

1000 hours 7 January 1980

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