

Bulletin

of the Rutherford Appleton Laboratory

13 Jan 1986 No.1

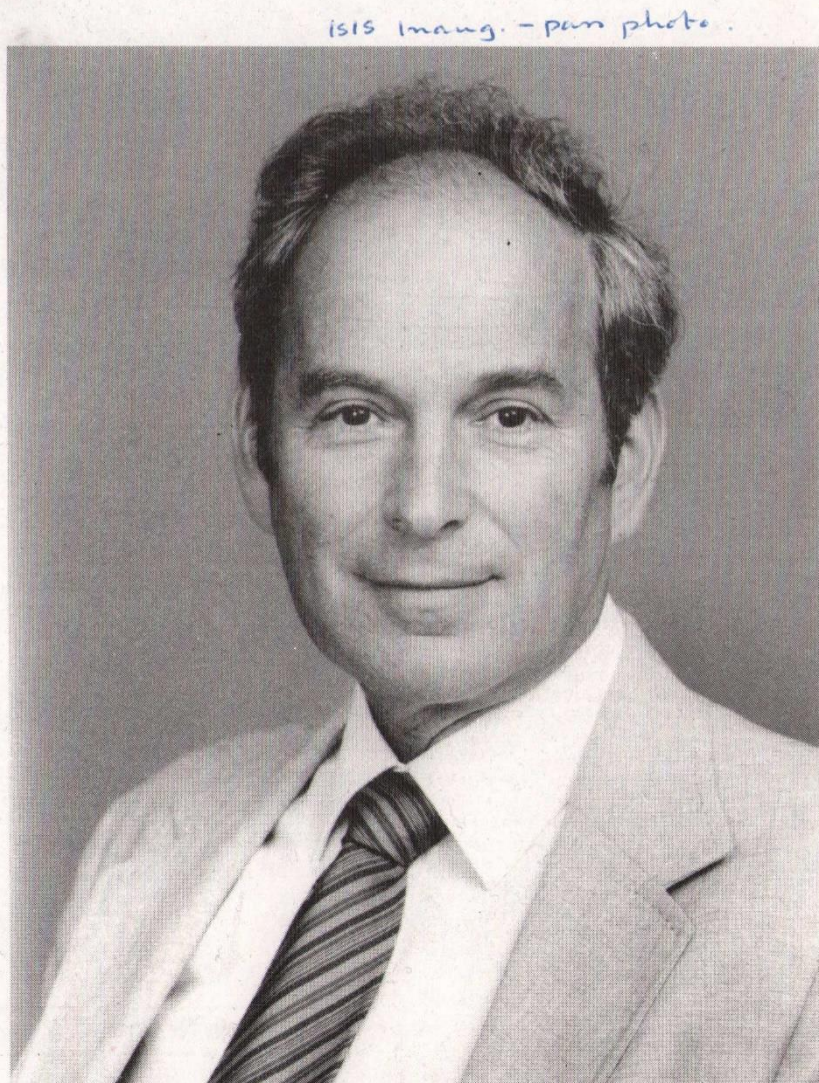
New Year CBE for Dr Manning

The news that our Director had been honoured with the award of the CBE in the New Year's Honours List has been received with great pleasure by all the staff of the Laboratory. Formally, of course, the Director's honour is personal but his award reflects on the Laboratory and we all become part of it.

Geoff Manning's influence is seen in every aspect of the Laboratory's work. Since he took over from Dr Godfrey Stafford he has made RAL very much 'his own place'. His interest in High Energy Particle Physics is as strong as it ever was but he has unselfishly given equal attention to all the elements of RAL's diverse programme.

The present breadth of activity in computing stems from his period as head of Computing Division, when the strengths of the Atlas and Rutherford groups were merged, and he has built up the Laboratory's work in this area to make it a recognised international centre of excellence. He has given strong support to the ASR Board's programme and this has provided the foundation for a strong involvement of RAL in the affairs of the newly-formed British National Space Centre. Under his guidance the work in Information Technology has expanded and the Laboratory has been able to play a major role in the National Alvey programme in advanced information technology. His influence is, however, most clearly seen in ISIS. Geoff Manning was at the centre of the early proposal to build the SNS and, as project manager, worked with the SNS team to turn an idea into a practical reality. It is fitting that his honour should have come at the end of the year which saw the ISIS inauguration.

The Director has made an impact on the Laboratory not only in shaping programmes but shaping attitudes. He has given himself tirelessly to publicising the Laboratory through lectures, travel and personally receiving innumerable visitors, each of whom is given careful and



individually tailored treatment. The result of all this is that his own words are being echoed in the public domain and RAL is now widely recognised as a centre of excellence and a National asset.

The Laboratory is certainly fortunate to have a man of such energy, vision and distinction at its head and we offer him our sincere congratulations.

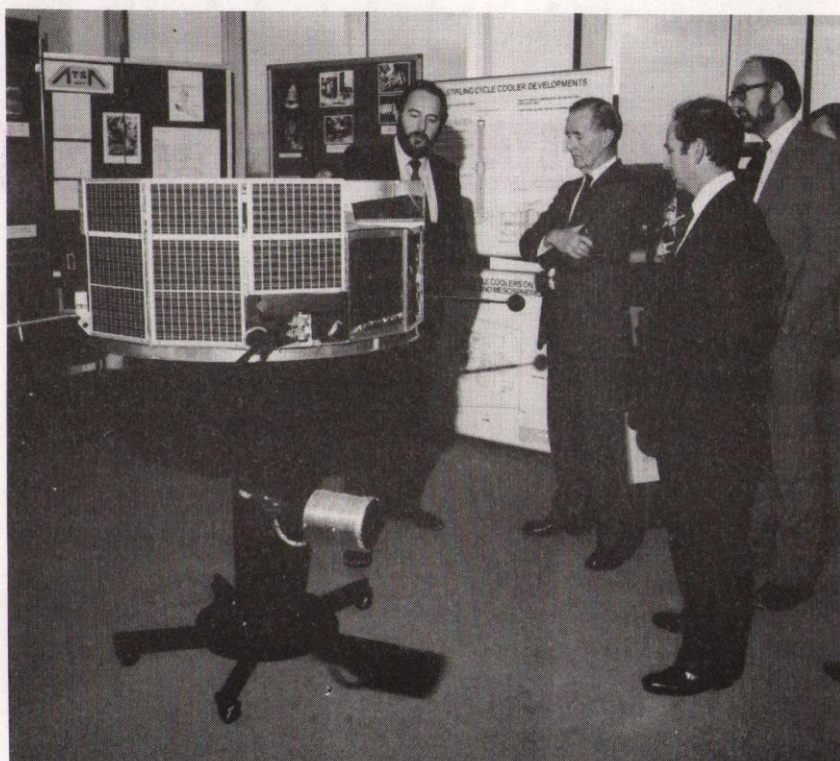
Paul R Williams

BNSC Director Sees RAL Space Projects

Mr Roy Gibson (centre), Director General of the newly founded British National Space Centre (BNSC) being shown a model of the AMPTE-UK spacecraft by Trefor Edwards of the AMPTE project team, when he visited RAL on Tuesday, 17 December.

With him are RAL's Director, Dr Geoff Manning (front) and Deputy Director, Dr Paul Williams (rear), who were conducting their guest on an intensive tour of the Laboratory's space projects to illustrate the wide expertise of Laboratory staff in space science and technology.

RAL is expected to play an important role in the new Space Centre activities.



85RC 5847.



The next lecture in this series will be held on Thursday 23 January 1986 at 3.15 pm in Conference Room 12 Building R68.

RECENT DEVELOPMENTS IN SILICON DETECTORS

by

DR C J S DAMERELL
HIGH ENERGY PHYSICS DIVISION

Everybody knows that silicon has revolutionised electronics. Silicon Valley and Silicon Chips have become part of our everyday vocabulary. Relatively few people are aware of the recent blossoming of silicon devices for the detection of light, X-rays and

ionizing particles. The current advertising by Sony and others of CCD video cameras demonstrates that silicon detectors are beginning to impinge on the world at large. In this lecture we shall review why silicon (at first sight a rather unsuitable material for such purposes) is in fact extremely useful for a variety of detectors. This will be illustrated by touching upon some of the wealth of already established applications in various areas of modern science.

FOR YOUR DIARY: The next lecture in the series will be held on Thursday 20 February 1986 by Professor J O Limb from Bell Labs on High Speed Networks.

Acknowledgement

Mrs Joan Falconer and children would like to express their immense gratitude to all Don's friends and colleagues at RAL, for the comfort and support they have received in their sad loss.

Film Badge Notice

It is Period 1, colour strip PURPLE. Please be sure you are wearing the correct dosimeters, and return all old ones to JENNY COATES, R12.

Next Film Issue:
Monday, 27 January.

Internal Events

ASTROPHYSICS SEMINARS
R61 CONF. RM - 1400 hrs

- 29 Jan Dr Geoffrey Bath/Oxford
'Cataclysmic Variables'
- 12 Feb Dr Jack Abolins/RAL
'IRAS Observations of the M81 Group'

Sales to Employees

The sale of Scrap metal and plastics to RAL employees will take place on 31 January from 1200-1230 hours in the R24 Scrap Compound.

Missing

The following items are the subjects of loss reports:-

SILVA hand-held compass, type 70, missing from the Windmill site.

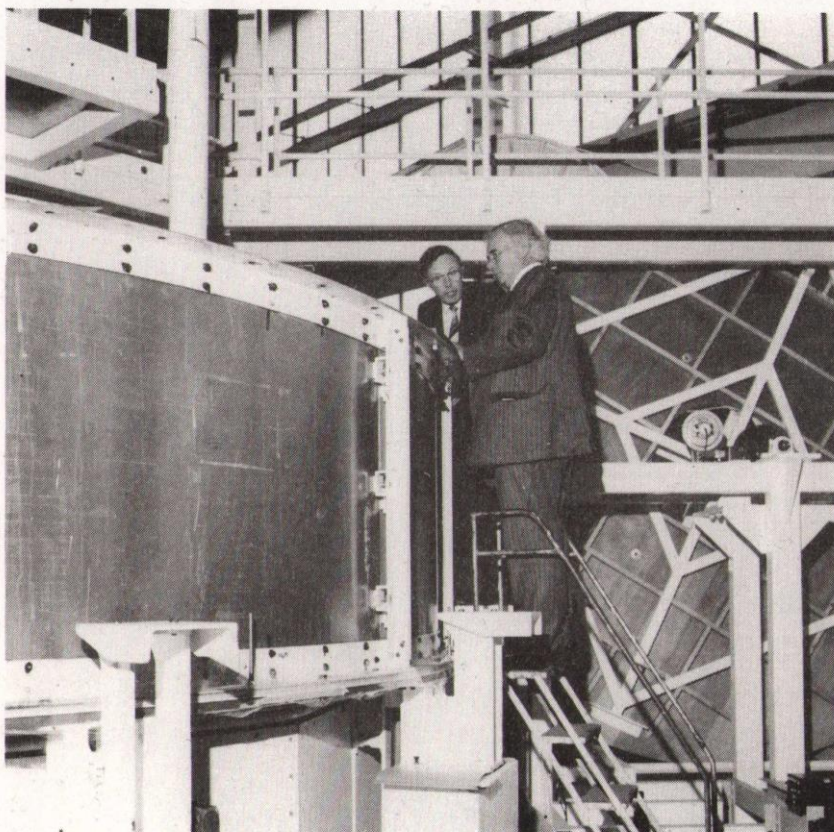
Information to P Goodyer, Ext 6272, please.

Hitachi Grindette, type PDO 100C, Ser. No 310077, R.O.13301.
Contact: P E Hingston, Ext 6678

Chairman's Visit to RAL

Professor Bill Mitchell, the new SERC Chairman, really getting down (or up) to his inspection of the winding machine for the Delphi superconducting coil, while Peter Clee (Head of PAG) explains the finer points.

Professor Mitchell was making his first tour of the Laboratory since his appointment and was shown a broad sample of the work of HEP, Instrumentation, Technology and Computing Divisions.



86 RC 1005

Indoor Sportsday

The 1986 Indoor Sportsday will take place on Friday, 28 February, at The Oasis, Swindon.

Entrants for all events should contact Ainsley Forster R2, Ext 6363, before 24 January. Events to be staged are:

- Darts
- Crib
- Table Tennis
- Snooker
- Badminton
- Squash
- Bridge
- Chess
- Volley Ball

Participants who are not members of RAL RecSoc will be charged an entry fee of 50p. This is on a par with all RecSoc member's contributions to the Sports Day.

There will be a Disco at Central Office in the evening at a cost of £1. Food may be ordered at the Disco if required and paid for with order.

Transport will be available - details from A Forster. Return transport will leave C.O. at 1900 hours and 2330 hours.

Darts League

We hope to start a lunch-time dart league in the New Year, if enough teams are interested.

Games will be played in the Table Tennis Room, R58. The league fee will be £1 per team. Teams will comprise four players plus two reserves; format - four single games, and one team game with the singles games one leg of 401 and team game, one leg of 701, two points for a win. Ladies teams welcome!

It is also hoped to have a pairs and singles competition if enough entries are received. Pairs for this event may be mixed; the fees - 60p singles, £1.20 pairs. This competition would be scheduled for evening play, but could be run over a succession of lunch-times. Rules (B.DO) will be finalised later.

Non RecSec members who are in darts teams must be signed in each time and will pay a nominal sum of 20p. So join the Club and give us your support. Entry fees go towards trophies.

Please send entries and fees to Ian Forster, R2, Ext 6363/6310.

Thanks

"Dear Friends and Colleagues", writes Caroline Cooper, "Many thanks for the very generous gifts which you gave to me on my departure from the Lab .

I very much enjoyed my time with you all and look forward to keeping in touch through friendships with many of you".

Bernard Loach would like to thank all his friends and colleagues for their useful presents and good wishes, and for the beautiful bouquet for his wife, presented on the occasion of his retirement. He says goodbye to those he did not manage to see before he left and wishes future success to all at the Lab.

Jack Ford wishes to express his thanks to all who contributed to his 'splendid retirement present'. He regrets not being able to say goodbye to everyone, personally.

Bulletin

Editor: Jean Banford
Building R1
Rutherford Appleton Laboratory
Chilton, Didcot, Oxon OX11 0QX
Abingdon (0235) 21900 ext 5484