

Dear Natalie

Please could you pass on my thanks to everyone who contributed to my leaving collection and signed my card. Also I'd like to say goodbye to everyone I knew.

Thank you

Regards
Marc Bolton



Dear Natalie

I will be taking part in the London-Brighton cycle ride on 18 June in aid of The British Heart Foundation. The route which starts at Clapham Common and ends on the seafront at Brighton is 58 miles. If anyone would like to support this worthy charity I would be delighted. Please contact me in the Security Lodge.

Key Male (Security Warden)

RAL Notices

RAL lectures
All lectures are held in the Pickavance Lecture Theatre at 3pm.

25 May From the angstrom to the micron
Professor Bill David, ISIS

Missing equipment
Tandon 386SX 20MHz 60MB hard disk, 2MB RAM laptop computer. Label no: R44140. If anyone has any information regarding this item please contact Angela Vernon 2.14, R25 ext. 6518 <a.vernon@la.ac.uk>

Epson printer: EX1000, serial number: 0600044310, label no: R4024.
HP Deskjet 500 printer, serial number: 3225S02808, label no: R49900.

Both last seen in the ISIS accelerator environment (R2, R5) some years ago. Please contact Peter Barnat ext. 6715/1725 if you have any information.

DL Notices

DL public lecture

All lectures are held in the Merrison Lecture Theatre at 7pm.



12 May Today's science for tomorrow's technology
Prof J Weightman, Liverpool IRC

9 June Rex and robots
Rev Garrod

Calling all DL staff – sign up to the DLBI
For just £2.18 per month you can join the Daresbury Laboratory Benevolent Fund and you or your dependant could receive the following benefits:

- **Death in service**
£750 to widow(er), orphans or other persons nominated by the member
 - **Retirement** (incl. medical grounds)
£300 (or lower pro-rata sum, if less than 15 years in the scheme)
 - **Early retirement/severance**
£20 plus £7 per year of service
 - **Maternity/paternity**
£35 (for the first child) during period of membership
 - **Marriage**
£50 (once only) during period of membership
- Other small grants may be considered where genuine hardship can be proved.
The scope and level of benefits grants are reviewed annually at the AGM. Membership is open to any member of Daresbury Laboratory staff who has five or more years to complete before their contractual retirement date or expiry of their contract of employment.
So don't delay, sign up today. For further information contact the secretary, Steve Pridding ext. 3720 <spidding@dl.ac.uk>

Articles, ideas and letters are very welcome!
Articles to the Editor or Correspondent by 15th of the month.

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LABNEWS

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CCLRC into the new Millennium

CCLRC Chairman, Brian Eyre, and Chief Executive, Gordon Walker, have lost no time in making their presence felt since officially taking over the ship's helm on 1 April. They have already presented a paper to Council proposing a new approach to take CCLRC into the future with a clearly defined role and with funding to match. In a new departure, they made the paper available to all staff and have opened up a dialogue by sharing their vision for the future with staff at both sites in four discussion sessions held at DL and RAL at the end of April. So what is it all about?

A vision for the future
The vision for CCLRC is based on a vibrant science and engineering culture that fosters vigorous and creative interactions and collaborations across the science and engineering disciplines and the major capability interfaces. Realisation of this vision requires that those major capabilities at CCLRC are competitive internationally, and provide a flexible and dynamic response to the needs of the research community.
The new CCLRC will build on its existing strengths and be based on three main elements: world class user facilities in the UK and overseas, centres of excellence in supporting technological capabilities, and multi-disciplinary research centres encompassing the main areas of science and engineering research using the CLRC capabilities.

The interfaces between these three elements will be transparent and there will be a strong sense of partnership between the research community and CCLRC staff in operating, developing and exploiting the facilities and capabilities. Interactions across the boundaries should also have a catalytic influence on cross research council programmes, particularly with respect to the interfaces between life and physical sciences and increasingly, informatics.

Strategic objectives
The new CCLRC will interact with the UK funding agencies and research community to ensure that the major facilities and capabilities at CCLRC meet the needs of the Science and Engineering Base (SEB), are world-class and are the first choice for use by the community. It will support the SEB in ensuring that maximum value is

obtained from major facilities sited in the UK and overseas, and that the necessary underlying technical support is maintained.

CCLRC will conduct R&D aimed at the continued development of the existing user facilities, and at providing the basis for the UK's investment in next generation capabilities, as required by the SEB. Increasingly, large scale facilities will be funded on an international basis, and the CCLRC must ensure that the UK participates fully in their development and is a strong contender in the site selection process when deemed appropriate.

CCLRC will also maintain and develop the skill base and infrastructure required to deliver CCLRC strategy, establish a management culture and processes to provide a sustainable basis for the vision and strategy to be achieved and collaborate with the research community at large to enable the transfer and exploitation of knowledge from research at CCLRC to innovative practice.

This vision for the future will now feed into the five-year review of CCLRC, due to be performed by OST later this year. Watch this space for further news!



CLRC

INSIDE: Liz's Dome debut SEE PAGE 2

COUNCIL FOR THE CENTRAL LABORATORY OF THE RESEARCH COUNCILS

Chief Executive's talk on 26 April

Gordon Walker and Brian Eyre (together with Hywel Price and Martin Earwicker from the OST for the DL talks) spoke to staff at the end of April. The main focus of the talks was to outline the new mission and strategy for CLRC.

Professor Eyre introduced himself giving a brief career history and explaining his role in leading the Council and acting as an external champion for CLRC. He went on to say that he plans to meet staff and see their work at every opportunity. He will also ensure that the members of Council have every chance to see the work being carried out; indeed the next Council meeting in June will be preceded by a tour of some facilities.

He explained why a new strategy is needed and went on to outline it. One of the reasons for the proposed changes is the unsustainable finance base; proposals have been put forward to allow headroom for development. There is a need to promote a more coherent and interactive outward-looking approach over CLRC as a whole. He also explained how the external environment is changing and how we must also change to keep pace.

Gordon Walker outlined CLRC's role and simplified the mission statement:

*To provide the nation's science and engineering community with world-class services from large-scale facilities**

He then talked about a world class technology and research centre and the concept of centres of excellence.

- Our core mission is:
- To be a world class provider of large scale facilities.
 - To provide technological centres of excellence in support of national and international user facilities.
 - To establish a multidisciplinary research centre to promote interaction and collaboration across disciplinary boundary.

To make this happen we must ensure that there is the right skill base and infrastructure needed to meet the mission, we must interact with the research community, and establish, on a sustainable basis, the structure and management processes to enable the overall strategy to be met.

An executive management board will help implement these new policies and procedures. The board and their special responsibilities are:

- Gordon Walker
Chairman of the strategy implementation board
- Hywel Price
Development of technology centres
- Andrew Taylor
Development of science centres
- Stuart Hopley and Richard Lawrence-Wilson
Corporate support, Operations and financial restructuring

He then talked about other issues relating to the strategy and the corporate objective for the new synchrotron in which CLRC should play a major role in it and be responsible for its design, commission and operation.

Future of DL

Dr Walker explained how four panels had been set up to look at different issues surrounding DL - synchrotron staffing, new projects, infrastructure and non SR programmes. He will be stressing the importance of DL to Bruce Smith when he meets him.

He finished by saying that he was pleased to say that finances were getting back on track:

| | March 1999 | March 2000 |
|------------------|------------|------------|
| Cash | £4.5m | £2.9m |
| overhead | | |
| Operating profit | -£1.5m | +£1.5m |

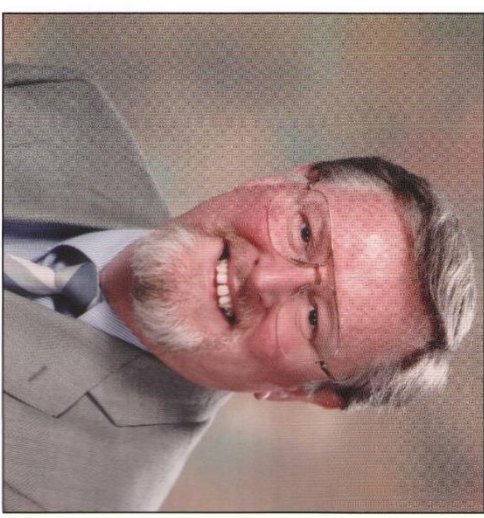
After the talks there was time for questions. At DL these mainly centred around concerns about the future of DL. Martin Earwicker from the OST answered a lot of these questions by stating that the Office of Science and Technology had no plans to close DL.

Dr Hywel Price

Dr Hywel Price has recently taken on the role of Director of Daresbury Laboratory. Hywel joined the Lab in 1976 as an SSO in the Nuclear Structure Facility (NSF). His career at DL then progressed through to being Deputy Director (in the days of SERC), and then Director, Applied Science Department, which is now called Engineering.

The new role at DL will be very challenging, especially with all the current changes within CLRC, and Hywel is looking forward to it. "I think this role has two parts", he said, "the first is to focus on DL as a whole, to re-establish staff morale, to re-establish staff's belief in the management, to redevelop DL as an entity. Daresbury Laboratory is an important part of the federal CLRC but I want DL to have a greater direct responsibility for its infrastructure and support which has a local focus. We need to look to the future, to programmes to take us beyond the next seven years within the general remit of CLRC and ensure that all the programmes at the Laboratory are viable and vibrant."

"The second role is to continue to operate the SRS at peak output to satisfy the UK user community for the next seven years, whilst at the same time contributing fully to the new synchrotron project. This is a challenge that will continue to occupy most of those in the Synchrotron Radiation



(00RC27089)

Department, with continuing support also needed from other departments. Building on the current SRS facilities and developing the services offered, including designing and developing beam lines, providing instrumentation and support for the infrastructure for the SRS and the new synchrotron and

attracting and encouraging a growth in the community of users are all considerable challenges. I am confident that the skilled and professional Daresbury staff can meet these challenges and continue to enhance its excellent reputation for producing and supporting world class science."

Liz's Dome debut

Daresbury Laboratory's Liz Towns-Andrews was one of four speakers at an event at the Millennium Dome which aimed to encourage writers to include science and scientists in drama and documentary. The event, organised by the PAWS

(Public Awareness of Science and Engineering) fund and sponsored by EPSRC and CLRC, attracted over 100 writers and producers, including ex-Coronation Street actress, now also a writer, Tracey Brabin. Liz talked about the role of the SRS in fields as diverse as clever cloth and better chocolate.

complementing presentations on the use of virtual reality in building design and buying clothes that fit. The head of BBC Drama, Mal Young, completed the programme by talking about how modern technology fitted in with modern television. A follow-up visit to KAL is planned for June 2000.



Liz (second from right) with the other speakers (00RC1657)



A member of the Dome's staff gives Tracey Brabin a tour of the BT Zone (00RC1664)

Liz wins prize at MP's reception

Elizabeth Clarke, a sandwich student at RAL, won a prize for her poster at a meeting at the House of Commons recently. She won the Claxo Wellcome Poster Prize for Physics for her poster about the research she carried out on data gathered during last year's solar eclipse.

Elizabeth is studying for a MSc (Hons) Engineering Physics degree at Sheffield Hallam University. She is spending her 'sandwich year' in SSTD, studying the ionosphere - an electrified layer in Earth's upper atmosphere created by radiation from the Sun. "We are comparing data gathered during the total eclipse last year - which measured the effect of the Sun on Earth - with historical data, to determine how much the increased

solar activity has affected Earth", she explained. "I really enjoyed explaining the research to the MPs - they were very interested in the work and the implications the research has for our understanding of global warming. Being awarded the £1000 prize was a great bonus!"

Taking Science, Engineering, and Technology to the

House of Commons involves scientists under 36 years of age from laboratories across the UK presenting their work at special receptions. From a total of 270 young researchers from the UK who

presented posters at this event, seven were from CLRC - Elizabeth Clarke and Mark Daymond, RAL, Gavin Dobbing, DL, Chris Frost, Tanya Lam and Charles Pattison, RAL and Mark Roberts, DL.

Liz receives her prize from Phil Wright, Claxo Wellcome



Liz and the other winners plus organiser Eric Wharton with the London Eye in the background



Charles Pattison (right)



Chris Frost (left)

Photos courtesy Frank Darnthorn / Eric Wharton



Chris Batty (centre) was one of the judges

Frontier Physics for Teachers 2000

"The weekend was the best of its kind", "A superb weekend", "We gained a tremendous amount", "Thought provoking and fascinating", "Very stimulating" - these were typical of the many comments received after the Frontier Physics for Teachers event held at The Cosener's House in March.

The residential workshop, based on an idea from Glenn Patrick and Bill Scott in PPD, gave A-level teachers the opportunity to review some of the latest experimental and theoretical advances in frontier research physics. To finance the workshops Glenn and Bill won three separate grants from the PPARC small awards scheme for the public understanding of science and technology. This latest

workshop focused on particle physics and cosmology. Mike Seymour, Bill Scott, Ulrik Egede and Nigel Smith gave the particle physics lectures, which included the latest news on the search for dark matter and CP violation. These were complemented by cosmology lectures given by Robert Laing and Roger Emery from SSTD using some of the beautiful images from the latest generation of telescopes and satellites.

Sudhir Sankar from Oxford University gave an inspiring tour of quantum gravity with entertaining evening talks given by Frank Close on symmetries and Sir Roger Penrose on black holes. The programme was interspersed with discussion and activity sessions led by Tim Adye, Herb Dreiner, Peter Litchfield, Robert and Glenn. Further support by Janet Haylett, Peter Norton and Ken Trach helped make the weekend a resounding success.



Around 40 teachers attended the weekend from schools over much of southern England. They are pictured here with some of the lecturers and organisers (00RC1356)

National Science Week

National Science Week at DL started a day early in order to squeeze in six packed performances of The Amazing Albert E' before the weekend. Professional actor Philip Reader, aka Albert Einstein, demonstrated how energy is never destroyed but only changes from one form to another, using a lemon, electric fan, solar panel and exercise bike. The energy were explored using everyday items and Albert's Special Theory of Relativity simply demonstrated. The presentation proved very popular, leaders especially enjoying the many (and sometimes quite painful) puns!

On Monday 10th GCSE and A level students visited courtesy of SET UP2000, a charity based in South Cheshire. The

The Amazing Albert E' (DL1002/23 & 27)



younger students were able to take a closer look at crystals and discover the delights of Tony Buckley's ice cream-making skills in his 'Cool Crystals for Hot Science' presentation. Tuesday, Wednesday and Thursday saw a mass invasion of the Laboratory with nearly 1000 7 - 11 years olds enjoying Paul Stephenson's Magic Maths Circus in the Tower seminar room. Tony's culinary skills were stretched to the limit with a total of fourteen performances over four days. After serving 1100 tubs of ice cream Mary Jacks and myself knew what it must feel like to be a cinema ice-cream vendor! Dividing the parties into small groups and sending them out to a research area, support lab, drawing office, crane or control room and then re-grouping them for the journey to the tower or back to school took all the marshalling skills of the PPK staff. Amazingly, an eight months pregnant

Jane Welborn took it all in her stride, although most of it was spent sitting down in the Science Centre!

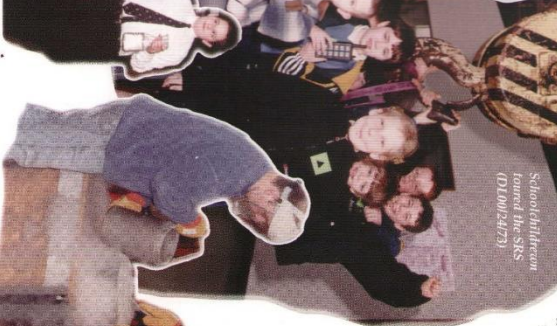
Science Week activities were not restricted to site. Andy Wolski gave a lecture on accelerators to Manchester Grammar School Philosophical Society, whilst Tracy Turner gave a lecture on the SIS to A-level students at Malbank High School.

On Friday seven staff visited Wade Deacon High School in Widnes for five one hour hands-on science sessions with 11 - 14 year olds. 300 students discovered the joys of bubbles, magnets, how the eye works and some simple laws of reflection using light boxes, mirrors and lenses.

This year's programme finished with a family funday in Crewe. Three light workshops were held on the laws of reflection and participants were able to make a periscope to take away with them.

The number of school visitors to site was more than double the number that came to Open Week. Not one school party was disappointed by which was much appreciated by the party leaders. My thanks go to helpers both on site and off. Please look out for the photos and thank you letters on display in the coffee lounge and science centre.

Anne Humphreys



Schoolchildren toured the SIS (DL1001/24/73)



Tony Buckley makes ice cream (DL100/24/45)

About 100 twelve and thirteen-year-old pupils from schools in Oxfordshire had a great day exploring space at RAL during National Science Week.

Janel Haggitt, RAL's School Liaison Officer said "I know everyone enjoyed the day, but we also hope that we showed that not only do we do excellent research at CIRC, but that the UK is a key partner in many exciting international space projects." Many of the activities mirrored projects that RAL is involved in. Pupils

built a parachute to land a chocolate egg safely from a height, they saw an instrument designed by RAL which measures the gases on the surface of the sun, and they used an infrared camera to investigate the difference between infrared and visible light.

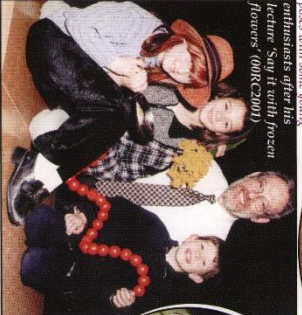
The pupils had help with the infrared camera project from Inky, Jacky Hutchinson's standard poodle, who showed how cold a dog's nose really is. The pupils also had a star-gazing lesson from local astronomer John Napper, who brought his portable planetarium to the Laboratory.



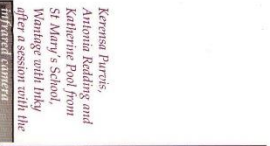
Andy Kempf presented the winning WI team with small trophies to commemorate their outstanding buggy (008RC1862)



Scouting Sleuths investigate to help an alien solve the murder dramatised in a forensic science cent (008RC1975)



Dr Mervyn Black poses with some young enthusiasts after his lecture 'Sing it with force' flavours' (008RC2001)



Kerensa Purvis, Antonia Keating and Katherine Paul from St Mary's School, Warrington talk about their papered camera during Exploring Space Day (008RC1524)



Professor Susan Greenfield gave a fascinating talk about 'The Brain' (008RC2033)



Hammers' pupils finding out what else National Science Week had to offer (008RC1947)



Pupils had a chance to try on a real space suit during Exploring Space Day (008RC1803)

Engineers of the future

At hosted nineteen teams of lower sixth form students from schools and colleges across the south-east recently. They were part of the presentation and assessment day for a scheme operated by the Engineering Education Scheme (EES), run under the auspices of the Royal Academy of Engineering. The students presented the results of the projects they have been working on for the past six months to assessors.

The scheme involves a team, typically of four pupils, working with a local company to solve a real problem. The projects provided a range of engineering challenges including:

- Designing an impact attenuator for the Beagle 2 probe (Hunting Engineering)
- Producing an education pack about use of laser technology, on the sending of digital information (Nobel Networks)
- Preventing falls at the edge of a scaffold platform by designing a protection system (Sir Robert McA Alpine)
- Designing a system to measure the exact size of a sheet of paper with no physical contact (Xerox Ltd)

Local projects for the scheme included one with CLRC. Students from Didcot Sixth Form worked with



Peter Sharp (centro) presented each participating pupil school and company with a certificate of achievement. He is pictured here (from left to right) with Linda Scott, Mark Williams and Andrew and Marion Bullen, all from EES (008R 2130)

Instrumentation's Adam Davis measuring the density of materials using X-rays. Another team from Didcot Sixth Form worked with National Power plc on condenser tube leak investigations.



Adam Davis (centre) with the team from Didcot Sixth Form (008R 2134)

Using our customers' websites

Major industrial organisations often have as much difficulty communicating internally as they do externally. How many times have you brokered a contact within an organisation between people who didn't even know each other?

Unilever, one of our DARTS customers, has two major R&D labs in the UK. One is a user, the other a non-user, yet both have a similar potential use. In discussing this state

of affairs with a contact at the user lab we arrived at the solution of putting a CLRC page on their internal web site. As Unilever is an international organisation we get exposure throughout their world for and the site registers 25000 hits a week. We developed three pages - complete with rotating icons but no bells or whistles. The first page presents the CLRC logo, title, strap-line and three clickable pictures - one for a direct link to the CLRC web site, one for a

link to a DARTS highlights page (still on their site with a hot link to the DARTS web site at the bottom of the page) and one for a link to a CSF highlights page (also still on their site with a hot link to the CSF web site at the bottom of the page). If any other department would like copies of the pages they should contact Stuart Eyles, Liz Tomws-Andrews, Richard Blake or Chris Pickles. C / Pickles

Chocolate inspiration

Adding chemists from Helsby High School visited DL recently to do experimental work on samples of chocolate, in a bid to win the covered Salterns chemistry prize. The group first heard of the research



(DL100/32380)

on chocolate at Daresbury from their Science teacher, Mrs. Liz Cullen. Liz was intrigued by the research when visiting the lab for the annual school science prize last autumn. After receiving more details she decided it would be a suitable topic for the group

to investigate. Nick Terrill visited the school and explained how the SRS works and the reasons for chocolate being investigated. Cocoa butter, the main



(DL100/32325)

ingredient in chocolate, contains six different crystalline forms; only one - form V, gives the 'feel good in the mouth' taste.

After many weeks of experimental work the samples of chocolate containing the crystals were ready to be examined. Luckily, maintenance work being done on station 8.2 was finished and no users were scheduled, so the group was able to submit their samples to the SRS. Amazingly, both samples contained the form V despite the restrictions imposed by working in a school lab.

Further analysis of their data needs to be done and their presentation prepared for the regional heats at Liverpool John Moores University on 24 May. The finals will be held at Imperial College. Many thanks to Bob Corrick, who awarded the prizes at the School Science Prize evening which started the chain of events, and to Nick Terrill for his technical input. We wish Helydy every success.

Learning and Development

Have you got an appetite for learning? If so join us for Learning at Work Day, Thursday 25 May

- Learning at Work Day is a national initiative that aims to:
 - highlight the value learning adds to businesses and organisations, and
 - encourage and motivate individuals to take part in an enjoyable learning activity on the day that will hopefully inspire them to continue learning in the workplace and beyond.

To create an appetite for learning at work we have put together the following menu:

| | | |
|----------|---|---|
| 9am-11am | Business breakfast with coffee, orange juice and croissants | Chris Farmer from the Corporate Coach looks at motivation and other management topics |
| 12pm-2pm | Learning lunch with coffee and sandwiches | Steve Myers from Team Technology will introduce personality types |
| 3pm-5pm | Teaching tea with tea and cakes | Mark Arnold from the Big Difference will give an insight into dealing with difficult situations - there are no difficult people, only difficult situations! |

All sessions will be held in the R12 Training Room. For more information or to reserve a place please contact the R&L Learning and Development Team on ext. 5783.

The Daresbury programme is being finalised at the moment. Details will be circulated at DL shortly. In the meantime please contact Steve Pridding on ext. 5720.

Prize winning work



Nobel Prize winners 1961 to 1975.

work in quantum electrodynamics, with deep-ploughing consequences for the physics of elementary particles.

N 1961

The prize was divided equally between **ROBERT HOUSTADER** for his pioneering studies of electron scattering in atomic nuclei and for his thereby achieved discoveries concerning the structure of the nucleons, and **RUDOLF LUDWIG MÖSSBAUER** for his researches concerning the resonance absorption of gamma radiation and his discovery in this connection of the effect which bears his name.

N 1962

LEV DAVIDOVICH LANDAU for his pioneering theories for condensed matter, especially liquid helium.

N 1963

The prize was divided, one half being awarded to **EUGENE P. WIGNER** for his contributions to the theory of the atomic nucleus and the elementary particles, particularly through the discovery and application of fundamental symmetry principles and the other half jointly to **MARIA GOEPPERT-MAYER** and **J. HANS D. JENSEN** for their discoveries concerning nuclear shell structure.

N 1964

The prize was divided, one half being awarded to **CHARLES H. TOWNES** and the other half jointly to **NICOLAY GENNADYEVICH BASOV** and **ALEXANDR MIKHAILOVICH PROKHOROV** for fundamental work in the field of quantum electronics, which has led to the construction of oscillators and amplifiers based on the maser-laser principle.

N 1965

The prize was awarded jointly to **SINTIRO TOMONAGA**, **JULIAN SCHWINGER** and **RICHARD P. FEYNMAN** for their fundamental

N 1972

The prize was awarded jointly to **JOHN BARDEEN**, **LEON N. COOPER** and **J. ROBERT SCHRIEFER** for their jointly developed theory of superconductivity, usually called the BCS-theory.

N 1973

The prize was divided, one half being equally shared between **LEO ESAKI** and **IVAR GILVER**, for their experimental discoveries regarding tunnelling phenomena in semiconductors and superconductors, respectively, and the other half to **BRIAN D. JOSEPHSON** for his theoretical predictions of the properties of a supercurrent through a tunnel barrier, in particular those phenomena which are generally known as the Josephson effects.

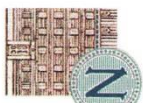
N 1974

The prize was awarded jointly to **SIR MARTIN RYLE** and **ANTONY HEWISH** for their pioneering research in radio astrophysics. Ryle for his observations and inventions, in particular of the aperture synthesis technique, and Hewish for his decisive role in the discovery of pulsars.

N 1975

The prize was awarded jointly to **AAGE BOHR**, **BEN MOTTELSON** and **JAMES RAINWATER** for the discovery of the connection between collective motion and particle motion in atomic nuclei and the development of the theory of the structure of the atomic nucleus based on this connection.

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More to follow in future issues...

Two games, fifteen goals

A team from Daresbury has recently entered into the CSSC North West region football competition. The competition is open to North West teams from all government departments and from British Telecom. The format is a straightforward knockout with teams that lose in the first round going through to play off in the plate competition.

In the first round of the competition DL came up against last year's losing finalists Manchester CSC, and up against it they were, as the final score shows, 9-0 to Manchester. This rather convincing win wasn't helped by Daresbury's goalkeeper, Paul Britton, having to go off after 15 minutes of play due to injury. In the plate competition Daresbury faced stiff competition once again from Preston & Chorley. However, they did get off to a good start and took the lead after 20 minutes with a superb goal from Paul Cridland. Unfortunately the lead was short lived and by the time the half time whistle went it was 4-1 to Preston. Preston turned up the heat in the second half but to the Daresbury lads' credit were only able to score one more goal. Final score 5-1.

All the games were played in excellent spirit throughout. Thanks to Terry Lee and Paul Britton for their efforts in organising the team, the friendly games and the competition matches.



Retirement - Bob Hoggood

"One of the greatest computer scientists of his generation" was how Keith Jeffrey described Bob Hoggood at Bob's retirement presentation last month. As Keith chronicled Bob's career, it echoed an amazing trip through the history of computers, from the 1960s and the huge Atlas computer - running programs from paper tape and cards - through PDPs, GECs, Primes, VAXs, ICs, IBMs and PERQs, to the small, powerful computers of today, from which users access the internet. He was an expert on Algol and Fortran compilers, computer graphics and animation, and most recently, he has been involved in the World Wide Web.

Bob was presented with a signed photograph of Count Basie (Bob is a great jazz enthusiast) and a travel bag, and his wife Barbara was presented with a bouquet of flowers. He will continue working part time for the World Wide Web Consortium, with responsibility for the Consortium's offices throughout the world. Obviously his travel bag will be well used!



(00RC2242)

"The flight bag that will also take my portable without looking too large was just what I needed," said in a letter to friends after the presentation. The signed photo of Count Basie is something that I would have never have thought of and is very much appreciated. It sits on my desk at home and will be a great reminder of many happy years at RAL."

Jacky Hutchinson

Only in Britain....?

-  ..can a pizza get to your house faster than an ambulance
-  ..do we leave cars worth thousands of pounds on the drive and put our junk in the garage
-  ..do supermarkets make the sick people walk all the way to the back of the store to get their prescriptions while healthy people can buy cigarettes at the front
-  ..do people order double cheeseburgers, large fries, and a diet coke
-  ..are there handicap parking places in front of a skating rink
-  ..do we use answering machines to screen calls and then have call waiting so we won't miss a call from someone we didn't want to talk to in the first place
-  ..do we buy hot dogs in packs of ten and buns in packs of eight