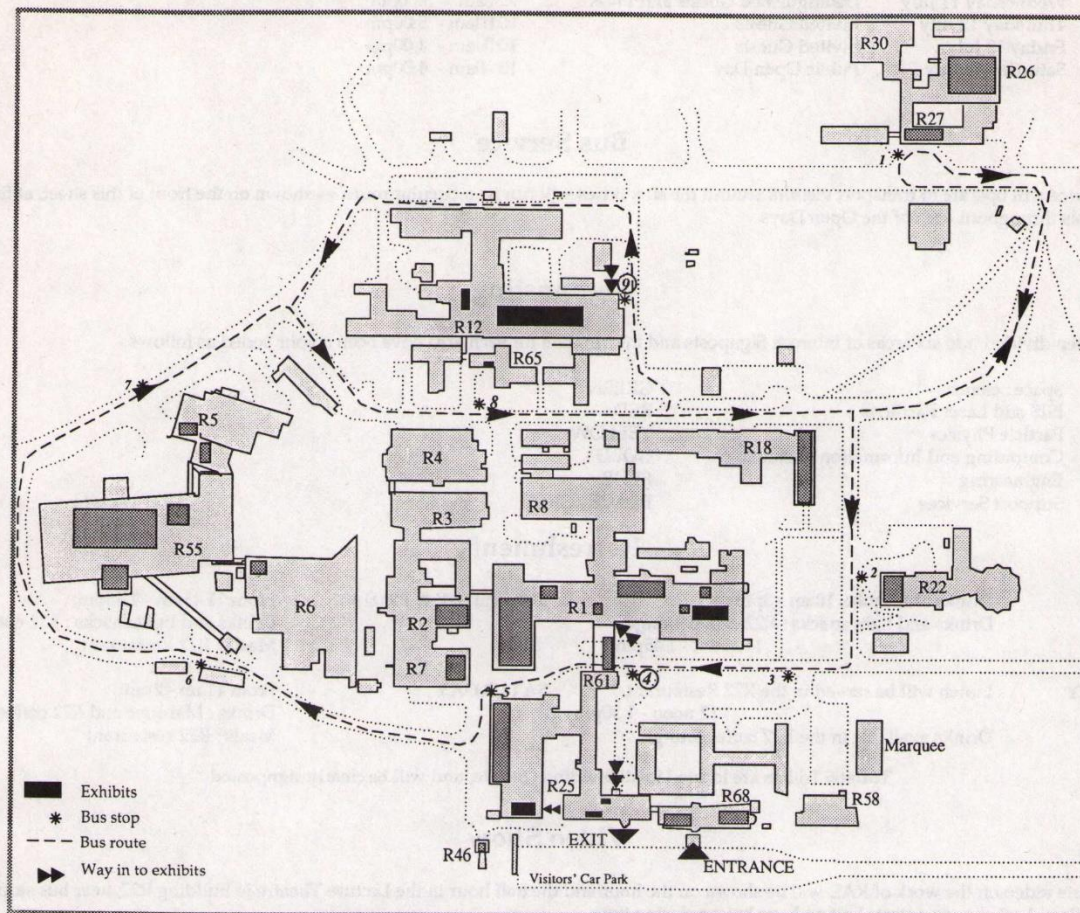


RAL

DESIGN & DISCOVERY

Open Days July 1990

RUTHERFORD APPLETON LABORATORY
SCIENCE AND ENGINEERING RESEARCH COUNCIL



ENGINEERING

R12 and R65: Technology (large scale engineering) Nearest bus stop: 9

- Equipment for particle physics experiments
- Innovative technology
- James Clerk Maxwell Telescope (JCMT)
- Metrology - methods of very accurate measurement
- Wind energy research - including the wind energy research site, accessed by special shuttle bus which runs every half hour from bus stop 8
- Medical and industrial applications
- Gravitational wave experiments
- Superconductors
- Computer-aided engineering
- Space science coolers (R65) - novel cooling systems for space science instruments

R25: Microelectronics and Radio Communications Nearest bus stop: 4

R1: Electron Beam Lithography Nearest bus stop: 4

Equipment that is accurate enough to etch patterns on a human hair.

GENERAL INFORMATION

Opening Times

The site is open as follows:

| | | |
|-------------------|--------------------------------|------------------|
| Tuesday 10 July | Schools and Colleges | 9:30am - 3:30pm |
| Wednesday 11 July | Distinguished Guests and Press | 9:30am - 5:00pm |
| Thursday 12 July | Invited Guests | 10:00am - 5:00pm |
| Friday 13 July | Invited Guests | 10:00am - 4:00pm |
| Saturday 14 July | Public Open Day | 10:00am - 4:00pm |

Bus Service

A free bus service will operate to transport visitors around the site. Buses will run on a circular route, as shown on the front of this sheet, at fifteen minute intervals throughout each of the Open Days.

Signposting

The site has been divided into six areas of interest. Signposts and information for each area have been colour coded as follows -

| | |
|--------------------------------------|------------|
| Space Science | GREEN |
| ISIS and Laser Facilities | RED |
| Particle Physics | YELLOW |
| Computing and Information Technology | GOLD |
| Engineering | BLUE |
| Support Services | BLACK/GREY |

Refreshments

| | | | |
|------------------|---|------------------------------|---|
| TUESDAY | Drinks : Marquee, 10am - 3pm Drinks and light snacks : R22 coffee lounge, 11.45am - 1.45pm | THURSDAY & FRIDAY | From 11.45am - 1.45pm: Drinks and light snacks : R22 coffee lounge Meals : R22 Restaurant |
| WEDNESDAY | Lunch will be served in the R22 Restaurant, 12 noon - 1.30pm Drinks available in the R22 coffee lounge. | SATURDAY | From 11am - 2pm: Drinks : Marquee and R22 coffee lounge Meals : R22 restaurant |

Toilets: Toilets are located in all buildings on site, and will be clearly signposted.

Video Show

A fifteen minute video on the work of RAL will be shown on the hour and the half hour in the Lecture Theatre in building R22, near bus stop 2, every day from 10:30am. Last showing starts half an hour before closing time.

Site-wide Information System

An electronic system providing information on Open Days exhibits has been set up which you will be able to use at various points around site. Local terminals are connected to a centrally manned system on a site network. You can interrogate the system, and obtain directions and route finding maps.

Emergencies

Basic Safety Information for Visitors

| | |
|--|--|
| FIRE | Bells ring inside the building affected. Leave the building immediately by the nearest exit. |
| SITE EMERGENCY | Klaxon horns sound outside buildings. Remain in or enter the nearest main building. |
| CONTROLLED AREAS | Radioactivity, laser radiation, high voltage: obey the instructions. Do not enter unless accompanied, and authorised to do so. |
| MEDICAL ASSISTANCE | Please contact Security on ext 5545 to summon help. A nursing sister will be on duty. |
| PLEASE CONTACT ANY MEMBER OF STAFF, OR THE SECURITY WARDENS ON EXT 5545, IF YOU ARE IN ANY DIFFICULTY - THEY WILL BE PLEASED TO HELP. | |

Further Information

The Design and Discovery brochure issued in every information pack gives an overview of RAL and its work. Detailed information on the exhibits is available at each display area.

For more information, or if you would like to arrange another visit to RAL, please contact the RAL Press and PR Section, tel Abingdon (0235) 445789.

