

'97

Telstra

Telstra Research Laboratories



Family @ Work

We are proud of the excellence TRL achieves through all its people.

11 July 1997

KEYNOTE

The world of telecommunications as we know it is being turned upside down by new technologies, competition and deregulation. The challenges and opportunities that this creates are endless. It is thus with great excitement that I take over the Directorship of Australia's largest industrial R&D organisation.

Telstra, as Australia's largest indigenous telecommunications company, will have a significant impact on the future of the Australian economy and our international competitiveness. TRL, as its internal R&D organisation, has the opportunity to dramatically influence the future of Telstra's business and hence Australia more generally.

TRL as an organisation has the capability to be a significant player, but to realise our promise will take hard work, dedication and considerable mental agility. These are all traits which the people of TRL readily show, often at the expense of their family life. In recognition of this, we would like you, our families, to have the opportunity to see what we do and to feel proud of our achievements and what they will mean for the society we live in.

The Family @ Work day is TRL's way of thanking our families and friends for your support and we hope that you enjoy it.

*H Bradlow***HUGH BRADLOW** (Director)**Family @ Work**

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LABORATORY DEMOS

Telstra Research Laboratories is open for informal and formal tours. TRL employees have the opportunity to show off their work environment.

In addition, a number of guided tours have been arranged to show visitors some of the more exciting laboratory based demonstrations.

To help you decide which tours you may want to join, browse through the laboratory demo summaries below.

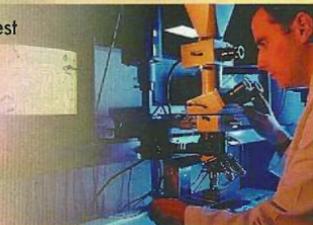
High Voltage Laboratory*

Prepare for the visual display of a lifetime. It's a blast! Telstra uses the high voltage labs to test the effects of lightning on its telecommunications equipment.

**Please do not take children likely to be frightened by sudden loud noise or darkness.*

The Blue Room

Spin out in the Blue Room - a purpose built room used to test highly sensitive equipment. This equipment is so precise that even the slightest reflection will disturb the measurements.



TOUR OVERVIEW

Electron Microscope

No need for glasses, here you see up the snout of a mosquito or look at hair in the eye of an ant.

TRL uses the electron microscope to look at the smallest details of Telstra's equipment.

Nature Attacks

Why would rats eat your phone line?

But rats, other animals, plants and even the weather do attack our network. See how TRL solves these problems for Telstra.

User friendly WWW interfaces

What's wrong with this WEB site.

TRL makes Telstra's products and services fun and easy to use.

Media Lab

Where the best of the Web is born.

Internet Lab

Experience how the internet changes the way we'll work together in the future.



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PROGRAMME

At TRL we take pride in our work and we want to share it with those we care about. Join us in this celebration of our achievements.

1.30 pm	Family @ Work opens
2.00 pm	Welcome by Hugh Bradlow
2.05 pm	96 / 97 Achievement awards
2.30 pm	Guided tours start
2.30 pm	API Face Painting
2.45 pm	Guided tours leaving every 15 mins.
5.30 pm	Last guided tours A and B leave
6.00 pm	Last Lightning Lab tour leaves
6.00 pm	Close
6.30 pm	API movie screening

YOU ARE INVITED TO...

- check out our Foyer demos
- cruise the web with cable modem
- grab a guided tour
- catch the big screen video displays
- gorge on light snacks and drinks
- explore the Labs *

**groups or individuals must be accompanied by a TRL employee*



FOYER DEMOS

Spend time sampling the foyer demos delights.
Read below for a snapshot of what to expect.

@ Home

- *See the lounge of year 2001.*

@ Office

- *What is new in tomorrow's office?*

Big Pond Cable

- *Cruise the web with lightning
Cable Modem speed*

Speech Recognition

- *Try it for yourself.*

"Invisible" Antennas

- *Where are they?*

Virtual Reality

- *Better than the real world.*

Optical Fibres

- *Thousands of calls in a tiny strand of glass.*



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GUIDED TOURS

-there are three different tours available

From 2.30 pm, there will be two streams of guided tours leaving every 15 minutes from the Foyer. Tours are limited to 10 people.

Tour A (taking 50 minutes)

Anechoic Chamber
Electron Microscope
Nature's attack!

The last tour will start at 5.30 pm.

Tour B (taking 50 minutes)

Media Laboratory
Internet Laboratory
Human Factors Laboratory

The last tour will start at 5.30 pm.

Tour C

Tours to the High Voltage Lab will leave from the Foyer every half hour from 2.30 pm. Tours limited to 20 per group. The last tour will start at 6.00 pm.

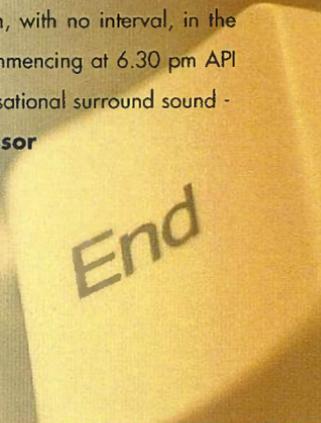
API Face Painting

An API Face Painter will decorate the kids in the Cafeteria, from 2.30 pm to 5.00 pm.

API Movie

Following the Family@Work open day an API movie will be shown, with no interval, in the M8 Auditorium. Commencing at 6.30 pm API will screen, with sensational surround sound -

The Nutty Professor

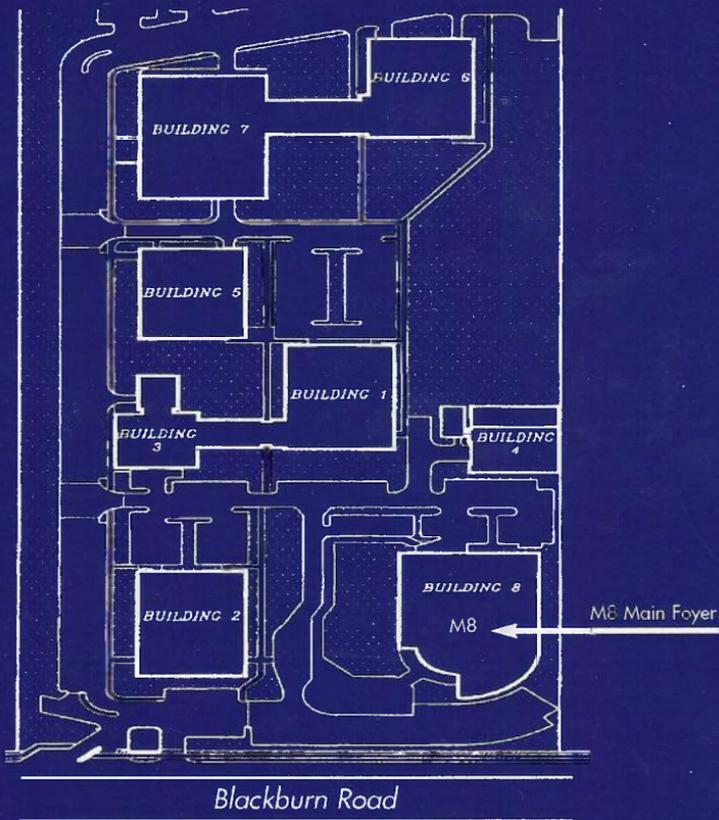
A close-up photograph of a yellow rectangular button with the word 'End' printed on it in a grey, sans-serif font. The button is slightly out of focus, and the background is a blurred mix of yellow and blue.

End





Map of TRL



TELSTRA RESEARCH LABORATORIES

770 Blackburn Road, Clayton,
Victoria, 3168 Australia