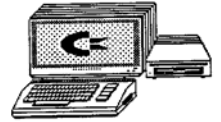


SOUTHERN DISTRICTS COMPUTER USERS CLUB INC.



April 2009

Club Web Site <http://videocam.net.au/sdcuci/indexhtml>

Editor Jim Greenfield

**MEETINGS are held on
the third Wednesday of
the Month, at
Christ Church
O'Halloran Hill 1708
Main South Road
O'Halloran Hill at
7.30pm**

Visitors most welcome.

Cost \$2 per person, which
includes the Newsletter
plus coffee/tea and
biscuits.

Subscriptions for twelve
months Single \$18

Family membership \$24

Novice and experienced
computer users will be
warmly welcomed

Southern Districts Computer Users Club Inc.

For further information
about S.D.C.U.C.Inc.

Contact The Club President,
Jim Greenfield 83824912

Correspondence to
The Secretary
S.D.C.U.C.I.
Box 991

Morphett Vale 5162
Email to

ronald.stephens1@three.com.au

Emma Boss 16th April

Ronald James Stephens 29th April

The President's Page Computer Upgrades

The four Computers used for teaching and general use have been replaced
This will enable the Club to run more advanced Graphic classes.

The specifications of the new computers are :-

Gigabyte Mother Board GA-8I915G-MF

P4-HT 2.8GHz (Intel® Pentium® 4 processor FSB800 with HT technology)

Media Graphics Accelerator 900

PCI-Express x16 discrete graphics interface

512MB DDR Supports Dual Channel DDR400 memory architecture

80GB HDD (SATA) 1.44MB FDD

SOUND, 7.1 channel Intel® High Definition Audio

NETWORK 8 x USB, IEEE1394 interfaces WIN XP HOME INSTALLED W/
LICENSE KEYBOARD & MOUSE

The Club has for sale the four computers that have been replaced

Cost per Computer \$70

The specifications of the computers are :-

Desk Top with 17 Inch monitor

Keyboard Mouse Speakers

Windows XP Home

Original Documentation with COA certificate and Product Recovery CD
Rom

Motherboard MS-6526 1.8 GHz

(Supports socket 478 for Intel Pentium 4/Celeron processors)

Ram 256 mb (Board supports two 184 unbuffered DIMM)

On Board 64 mb Video Card (One AGP slot on Board)

USB 2.0 (two front Two Back)

On Board LAN

40 Gb Ide Hard Drive

Cd Burner

256 Ram

Jim Greenfield

President

15th April 2009

What happened on this day in 1912?

The Birth of the Transistor

In 1947, John Bardeen and Walter Brattain, working at Bell Telephone Laboratories, were trying to understand the nature of the electrons at the interface between a metal and a semiconductor. They realized that by making two point contacts very close to one another, they could make a three terminal device - the first "point contact" transistor.

They quickly made a few of these transistors and connected them with some other components to make an audio amplifier. This audio amplifier was shown to chief executives at Bell Telephone Company, who were very impressed that it didn't need time to "warm up" (like the heaters in vacuum tube circuits). They immediately realized the power of this new technology.

This invention was the spark that ignited a huge research effort in solid state electronics. Bardeen and Brattain received [the Nobel Prize in Physics, 1956](#), together with William Shockley, "for their researches on semiconductors and their discovery of the transistor effect." Shockley had developed a so-called junction transistor, which was built on thin slices of different types of semiconductor material pressed together. The junction transistor was easier to understand theoretically, and could be manufactured more reliably.

The Transistor

A Three Terminal Device

The transistor is a three terminal, solid state electronic device. In a three terminal device we can control electric current or voltage between two of the terminals by applying an electric current or voltage to the third terminal. This three terminal character of the transistor is what allows us to make an amplifier for electrical signals, like the one in our radio. With the three-terminal transistor we can also make an electric switch, which can be controlled by another electrical switch. By cascading these switches (switches that control switches that control switches, etc.) we can build up very complicated logic circuits.

These logic circuits can be built very compact on a silicon chip with 1,000,000 transistors per square centimeter. We can turn them on and off very rapidly by switching every 0.000000001 seconds. Such logic chips are at the **heart of your personal computer** and many other gadgets you use today.



A transistor mounted on a metal can with three wires to each of the three terminals.

**For Sale,
various Computer parts; (clearing the shed)**

Belkin 5 Port 10/100 Network Switch, unused and new in box. Used to add more computers to your Broadband Modem via Ethernet cable. \$40
Several **PCI 10/100 Network Cards**, free, fitted for small fee.
2x **56k External Modems** with driver disks. \$10 each
PC System, PC 466 with Windows 98, complete, any offer?
Several original versions of Microsoft Windows 95-98 OS cds, MS Office, 95-98 and MS Publisher. Original with licence Keys Any offer
Other older computer parts for the tinkerer, mostly for give-away before dumping, eg SCSIII Scanner complete, sound cards, RAM and cables

Colin Campbell, Mobile 0428894058

Opinions expressed in this newsletter do not necessarily represent those of the Southern Districts Computer Users Club Inc. nor does publication of an advertisement imply endorsement by the Southern Districts Computer Users Club Inc.

While every attempt has been made to verify that the information in this newsletter is correct, the Southern Districts Computer Users Club Inc accept no responsibility for any inaccuracies.

Likewise no member of the committee or member of the Southern Districts Computer Users Club will accept any liability for any damage occurring to a computer, to any computer system and/or data from following instructions given in this newsletter.

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On-Line Fun, (or the real reasons for the Internet):

For those of you whom are interested in heavy machinery, there are a few interesting web pages to have a look at:

The first is a video of the ability of the Liebherr tracked excavator. You will be totally amazed!

Go to < <http://www.youtube.com/watch?v=RobaJKGMMiE>>

(Control-C to copy the link, Ctrl-V to paste in the Browser address bar)

The second is a few pictures of what must be the largest Overburden Excavator erected in Germany, an operator asks, "where's my dozer?" Look through the pictures to be awed by modern engineering and the traps for unwary operators.

Go to < <http://sprinklerdoc.com/dozer.html>> for one version, Search "Dude, Where's My Dozer" for other versions.

For some other funny (clean) images, go to:

< <http://www.allowe.com/Humor/sightgags.htm>>

Look at each of the tags; the one about Why Men Die Younger (a real advertising set) had me in tears. There are other links from this site.

All good with no known ad-ware but check yourself anyway.

Colin Campbell

Have you recently acquired, or do you just want to learn more about operating, your computer?

The Club conducts classes on a wide range of subjects, at a very moderate charge.

The maximum number in class is five.

(Our aim is to conduct the classes in a friendly non-threatening atmosphere)

Some of the classes that are available:-

1. Basic Computing (Stage One and / or Stage Two)
2. Advanced Word
3. Internet workshops
4. Digital Cameras

For more information contact a committee member.

A doctor examining a woman who had been rushed to the Emergency Room, took the husband aside, and said, "I don't like the looks of your wife at all".

Me neither doc,' said the husband. "But she's a great cook and really good with the kids"

'Mr. Clark, I have reviewed this case very carefully,' the divorce Court Judge said, 'And I've decided to give your wife \$775 a week, 'That's very fair, your honor, the husband said. And every now and then I'll try to send her a few bucks myself

The graveside service was just barely finished, when there was massive clap of thunder, followed by a tremendous bolt of lightning, accompanied by even more thunder rumbling in the distance. The little old man looked at the pastor and calmly said, "Well, she's there".

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MEETING RULES

NO SMOKING NO DRINKING NO SWEARING

We are allowed to use the facilities at Christ Church, O'Halloran Hill in return of a small fee plus respect for their property. We ask for your co-operation in respect to the above. While we can not control what our members do away from our club meetings, Piracy of copyright material can not be condoned at our meetings.

Mother's Day

10th May 2009

Mother's Day Story

The story of Mothers Day is a long one. It is neither a recent phenomenon as many people believe it to be. Nor it is the creation of card and gift marketers syndicate as assumed by cynics of Mothers Day festival. To the surprise of lot many people Mothers Day celebrations are first said to have taken place in the time of ancient Greeks and Romans hundreds of years ago. Even Mothers Day celebrations in UK began much before the tradition saw the light of the day in US. In US the efforts of Ms Julia Ward Howe and Ms Anna Jarvis are greatly recognised for starting the tradition of Mothers Day but several other women too made remarkable contribution to further the cause of Mothers Day holiday.

Today Mothers Day is celebrated in more than 46 countries around the world though at different times in the month of May and in some countries it is celebrated in entirely different times of the year. In the present time Mothers Day has come to be internationally recognized as the day to honor all mothers and thank them for the services they impart for the benefit of their individual child and consequently to the development of mankind. .

My Mother Kept A Garden

My Mother kept a garden,
a garden of the heart,
She planted all the good things
that gave my life it's start.
She turned me to the sunshine
and encouraged me to dream,
Fostering and nurturing
the seeds of self-esteem...
And when the winds and rain came,
she protected me enough-
But not too much because she knew
I'd need to stand up strong and tough.
Her constant good example
always taught me right from wrong-
Markers for my pathway
that will last a lifetime long.
I am my Mother's garden.
I am her legacy-
And I hope today she feels the love
reflected back from me

Author Unknown

For the Fallen, a poem by the English poet and writer Laurence Binyon and was published in London in the Wincing Fan; Poems of the Great War in 1914.

FOR THE FALLEN

With proud thanksgiving, a mother for her children
England mourns for her dead across the sea,
Flesh of her flesh they were, spirit of her spirit,
Fallen in the cause of the free.

Solemn the drums thrill: Death august and royal
Sings sorrow up into immortal spheres,
There is music in the midst of desolation
And glory that shines upon our tears.

They went with songs to the battle, they were young,
Straight of limb, true of eyes, steady and aglow,
They were staunch to the end against odds uncounted,
They fell with their faces to the foe.

**They shall grow not old, as we that are left grow old:
Age shall not weary them, nor the years condemn
At the going down of the sun and in the morning
We will remember them.**

They mingle not with their laughing comrades again,
They sit no more at familiar tables of home,
They have no lot in our labour of the daytime,
They sleep beyond England's foam.

But where our desires and hopes profound,
Felt as a well-spring that is hidden from sight,
To the innermost heart of their own land they are known
As the stars are known to the night.

As the stars shall be bright when we are dust,
Moving in marches upon the heavenly plain,
As the stars that are stary in the time of our darkness,
To the end, to the end, they remain.

Anzac Day remains one of the most important national occasions of both Australia and New Zealand. This is a rare instance of two sovereign countries not only sharing the same national day, but making reference to both countries

