



# INVENTORS NEWS

We are on the web: [www.inventors.asn.au](http://www.inventors.asn.au)

Inventors Association of Australia (SA) Inc Newsletter

April 2011 (NON-MEMBER)

## NEXT MEETING

Sully's  
The Rex Hotel  
172 Richmond Rd  
Marleston, South Australia.

Thursday 21st of April

## MEAL in Sully's 6.00 pm

MEETING - DOORS OPEN at 7.00pm  
For a 7.30pm start.

## General Meeting

Guest Speaker  
Phillip speaking about Internet Marketing

## Announcements & Correspondence

## Presentations

## Question and Answer time

## Tea and Coffee



## QUOTE OF THE MONTH

It had long since come to my attention that people of accomplishment rarely sat back and let things happen to them. They went out and happened to things.

Quote by Leonardo Da Vinci

*Da Vinci Machines Exhibition- See details Page 3.*

## WEBSITES OF INTEREST

[Http://www.vatican.va/various/cappelle/sistina\\_vr/index.html](http://www.vatican.va/various/cappelle/sistina_vr/index.html)

[http://www.wipo.int/export/sites/www/academy/en/courses/summer\\_school/pdf/program.pdf](http://www.wipo.int/export/sites/www/academy/en/courses/summer_school/pdf/program.pdf)

<http://genevalunch.com/blog/2011/04/06/inventions-fair-sparks-curiosity-in-geneva-update/>

<http://www.modernplastics.com/index.php>

<http://spacemath.gsfc.nasa.gov/weekly/4Page14.pdf>

## The Da Vinci Machines Exhibition

Explore the mind of the greatest genius of all time at the internationally acclaimed Da Vinci Machines Exhibition, on loan from Il Museo di Leonardo da Vinci in Florence, Italy.

The Exhibition houses over sixty models hand-crafted by the Artisans of Florence, who have interpreted Leonardo's designs and drawings and brought them to life for the first time. The exhibition covers Leonardo's most impressive and innovative machines, including the bicycle, tank and air-screw, plus many of his simple machines such as ball bearings and cam hammers which are still in common use today. Many of these are hands-on interactive pieces, including group activities such as "build da Vinci's arched bridge."

The exhibition also features a short documentary film, computer animations, and an art gallery of beautiful reproductions of many of Leonardo's most famous artistic masterpieces, such as the Last Supper and the Mona Lisa.

\* The indicative prices displayed on this website are in Australian Dollars (AUD) and are based on a twin share basis, unless otherwise indicated. These prices are intended as a guide only and are subject to variation without notice. All prices are quoted inclusive of a Goods and Services Tax if applicable. Please use the online booking facility available on this site or contact the service provider direct to obtain further information, or email the South Australian Visitor & Travel Centre.



### Entry cost\*:

Adult: \$20.00

Child: \$10.00

(Junior passes)

Concession: \$15.00

(Please bring clearly valid concession ID to purchase concession tickets)

Student: \$15.00

(Full-time students only. Please bring clearly valid concession ID to purchase student tickets)

Family: \$50.00

(Two adults, two children)

Group: \$60.00

(Two adults, two full-time students)

### Event venue:

Adelaide Event and Exhibition Centre  
Adelaide Showground, Goodwood  
Road  
Wayville  
SA 5034

### Event dates:

16 Apr 2011 - 26 Jun 2011

### Event times:

Mon:9am to 5pm

Tues:9am to 5pm

Wed:9am to 5pm

Thu:9am to 5pm

Fri:9am to 8pm

Sat:9am to 5pm

Sun:9am to 5pm

**Acknowledgement: This article of Leonardo Da Vinci is reproduced from the website:**

<http://www.southaustralia.com/9009108.aspx>

### Stop Press:

At approximately 11.20 EST Saturday 17.04.2011 an earthquake of 5.2 on the Richter Scale hit the Gold Coast. Police did not report and structural damage to buildings. The epicentre was said to be 10 kms from surface of the earth. One lady described it like the roar of a thousand bulls coming toward you?

Coincidence or what? – It turns out that exactly one year ago today, Adelaide was hit by an earth tremor too!

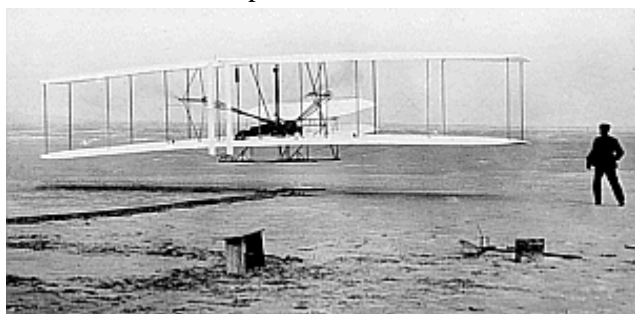
Updated Sat Apr 17, 2010 8:29 am AEST. The quake struck Mount Barker, in the Adelaide Hills, about 11:27 pm. Residents of Adelaide in South Australia were woken last night by a 3.8-magnitude earthquake. The earthquake happened at 11:27pm and people living within a 50 kilometre radius of the quake reported tremors lasting for up to 15 seconds. The epicentre was close to Mount Barker, 40 kilometres east of the capital, in the Adelaide Hills. Mount Barker resident Robert says he heard a loud bang when the quake struck. "We heard a terrific explosion," he said. "We live right opposite the golf course and lots of galahs roost in the trees and they made nearly as much noise as the earthquake itself but it was definitely an explosion."

## Lou's Spot

The Carbon Debate – politics aside!

The human race is devouring finite resources such as coal and oil at a pace millions of times faster than it originally took nature to create. There is an urgency to find alternative energy sources which should include new generation nuclear reactors providing the plants are placed in stable geographical locations. At this stage of the energy debate it is opportunistic to make a blanket judgement on the Fukushima nuclear disaster and use it as an example to exclude this form of energy in future energy options. When such nuclear reactors are situated 600 metres from a fault line, and built so close to the ocean front, it is clear that there is room for sensible debate.

The earth is 4.2 billion years old. Biological, anthropological, and archaeological evidence suggests that humans inhabited the earth some 50,000 years ago which is miniscule in comparison to the earth's existence. The exponential growth in human knowledge and the wonderful discoveries made in the last two hundred years are too difficult to comprehend.



Fifty years ago, on April 12, 1961, Yuri Gagarin was the first human to orbit the earth in outer space. Fifty eight years prior to this, on December 17, 1903, Orville Wright

took off into a 27 mph wind to become the first human to fly in a motorized machine. He remained aloft for 12 seconds and covered a distance of 120 feet. The rate of progress is incredible!

When the motor car was invented, it was a common assumption that a man's body would explode if he travelled over 35 mph because of the extraordinary forces exerted on him? Never-the-less, humans have come a long way despite the ignorance, myths, untruths, and the fears perpetrated by opportunistic and self serving lobby groups of the time.

There are many monumental and awe-inspiring events in history that remain indelibly etched into one's mind. To this day, I clearly remember the night our family were seated at the dinner table eating and talking. As usual, silence befell the kitchen as the theme to the 6.30 ABC 5PA Penola Radio News began. It was the 3rd December 1967. Christiaan Barnard made history by performing the first successful human-to-human heart transplant. He was assisted by his brother Marius Barnard and a team of thirty people. The operation lasted 9 hours. The patient, Louis Washkansky was just 54-years old and suffered from diabetes and an incurable heart disease. Barnard later wrote, "For a dying man it is not a difficult decision because he knows he is at the end. If a lion chases you to the bank of a river filled with crocodiles, you will leap into the water, convinced you have a chance to swim to the other side."



I shall never forget that night around the kitchen table because of its historic significance. These famous words by Dr. Barnard, coupled with the rate at which we are devouring fossil fuels, prompted me to look at the carbon debate under a different light. Perhaps not under a light fuelled by carbon, but rather under the light of logic and sober reasoning. Irrespective of one's beliefs whether the earth is heating or cooling, it is incumbent on us to become educated to the simple fact that we are consuming coal a million times quicker than it took nature to create. The Carboniferous Period began 300,000,000 years ago when plants began to take over the surface of the earth. Latest statistics reveal we only have enough proven reserves of coal to last us 127 years. Even though new reserves are being discovered on a regular basis, reliance on a dirty polluting fuel should be wound down with a view to use clean renewable fuel

sources. The current world debate on fossil fuels should not be seen simply as reform carbon and taxation, but rather it should be heralded as The Reformation of the 21<sup>st</sup> Century. This is a time of reckoning where unparalleled courage and vision must come to the fore.

The current debate must be structured correctly and it will prove to be a treasure trove of opportunities for Australian industry by the development of new technologies along with all the jobs that will follow. It was refreshing to see the appointment of Professor Ian Chubb as the Chief Scientist to the Government. Professor Chubb was interviewed on ABC 7.30 Report, April 19, 2011. He is inviting the most informed and experienced scientists to come forward to give educated opinions founded on proven facts in this carbon debate. Professor Chubb said the hysterical debates and half truths circulating around the community need to stop, and people should listen to scientific fact and have intelligent debates on the subject.

Demands on colleges and universities will grow the world over, new teachers and technicians will be needed, research dollars will be pumped into laboratories, demand for scientific equipment, chemicals, buildings, and transport infrastructure will be in high demand. Electronic communications must be very fast, and very reliable and the infrastructure for this must be delivered as matter of high priority. The days where patients can walk into a room, lays down under a machine, and be operated upon by a specialist surgeon on the other side of the continent are here already.

It is fair to say that the coal industry has genuine concerns because their days and investments are somewhat numbered. Many industries, unions, the food sector, and the transport sector are very audible in their protests against the carbon tax. Their concerns are understandable as they jockey to get the best deal for their constituents in this debate. One sector that is not squealing is the renewable energy and green technology sector, suggesting that all is not poison in their view. Shock jocks and many commercial media organizations peddle fear and untruths so as to provide shock value to their audience. Gratuitous headlines make for impulse buying of their papers. The media needs to look at their code of ethics. They need to become good investigative journalists who seek out good news stories so as to inspire the minds of community members. Media organizations must finally realize that new inventions and innovations have spin-off effects. This will benefit their newspapers and media organizations as market economies grow and make use of the media in order to promote their businesses and products.

Pessimism, hysteria, mischief, and untruths are the tools of the idle and inept. Never in the history of the world has a monument been erected to a pessimist. It simply defies

all logic. The current arguments and debates on carbon are all part of a good democracy. The services of Inventors and Innovators will be high demand as the spinoffs make themselves visible. The next 30 to 50 years will prove to be Australia's Mecca for intelligent vibrant minds. It will be the era of the Inventor and Innovator.

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### Membership Fees:

Ordinary Members: \$40

Corporate Members: (\$150)

Concession Members: \$20

(Pensioners and unemployed):

Life Members are free

Visitors \$10.00

### NEW MEMBERS

We cordially welcome all our new members and trust that the Association can help you in your 'journey'. If you have any special requests please talk to any member of the committee and we will endeavour to help you. Committee members have a red dot on their nametags.

### NEWSLETTER CLASSIFICATIONS

There are basically 3 types:

- A** The comprehensive INTERNET version on our website for *financial* members.
- Am** The MAIL copy for those *financial* members without email facilities.
- B** The B version (which is intended for FREE GENERAL RELEASE) and has been edited to remove items which are not intended for *non members*.

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Apply through our website: [www.inventors.asn.au](http://www.inventors.asn.au)

Should you NO LONGER wish to receive the email-newsletter CANCEL by simply replying in the SUBJECT field on your computer screen with...

'stop sending newsletter'

If you have any problems receiving this document (a copy should be received 2 or 3 days before the monthly meeting) please contact our IT consultant, on [admin@inventors.asn.au](mailto:admin@inventors.asn.au)

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