

Next meeting is on Tuesday January 21st 2014. The Saturday workshop will be **SUNDAY** January 26th,
AUSTRALIA DAY 2014

December 2013

**Executive Committee
2013 / 2014**

President

Phil Tonks 9625 9202

Vice president

Ray Barrett 47393502

Secretary

Philip Knight 47395303

Treasurer

Ian Griffiths 47313045

Committee Members

Daniel Clift 47392782

Publicity Officer

Ray Barrett

Safety Officer

Ray Barrett

**First Aid Officer &
Newsletter**

Daniel Clift

**Equipment Officer,
& Catering Officer**

Philip Knight

**Projects and
Demonstrations**

Phil Tonks
Doug Cox



Presidents report.

As another year comes to an end, i would like to wish all members and their families a very Merry Christmas, and lets hope that 2014 will bring us premises we can all our own and the prospect of new membership.

Four new members would bring us up to 20 members, which is about the average the club has had over the years.

Phil Tonks President.

Changes for January and February.

January Meeting is on Tuesday January 21st, but the Saturday workshop will be held on Sunday 26th at Glenbrook. (AUSTRALIA DAY)

February Meeting is on Tuesday 18th, but again, the Saturday workshop will not be at the usual venue, but at the Leonay Pre School in Leonay Parade Leonay. We will be doing some volunteer work for them.

Christmas Party.

**Sunday December 15th.
Time is for 1200 for a 1230 start.**

Again Jan Barrett will coordinate the 'bring along' goodies, and the club will supply a selection of cold meats and salad's.

Sweets and nibbles from member contributions.

Drinks are the individual members own responsibility. Contact Ian Griffiths and advise if you will attend. The Ladies will be judging the Club Challenge.

Please bring your own cutlery and plates.



The Aussie spirit of Christmas.

Let's all join hands and
give your family members
the sweetest memories

*While every care is taken to ensure accuracy, the editor and publisher will not accept responsibility for any inaccuracies in articles or information contained in
Fine Cut*

Outings for 2014.

- ◆ Feb 26 Wood guys @ Oberon (*Bus*)
- ◆ May 28th Wollondilly Heritage Centre Museum (*Bus*)
- ◆ August 27 Cockatoo Island- Rydalmere (*Bus*)
- ◆ November 26 (TBA) - Maritime Museum – Ferry (*Bus*)

To get the Bus, we need to confirm 3 months before the required date to be able to book the bus.

We are open to suggestion's, and they are not restricted to "places for blokes" it may be a place where we can take our partners.

Our first Bus trip for 2014 is on Wednesday 26 February 2014, we are going to the Wood Guys at Oberon – a retail timber group.

With the buses which are available, we need to know as soon as possible, who will be attending, so we can get the correct bus.

Safety First

Just a timely reminder about the safe use of club equipment.

The club Safety Officer was elected to ensure equipment is used in the safest possible way, not only for the individual members using the tool, but for the safety of other members who may be either assisting, or in the immediate vicinity.

Please, weigh up what you need to do, and adopt the safest way to do the job.

Challenge Day

As we have previously advised, the October Challenge day , which was to be a celebration or the centenary of the crossing of the Blue Mountains, had to be cancelled by both a lack of member participations, and the recent Bush Fires.

We will not be participating in the rescheduled event.

Australia Day January 26th 2014

This is an ongoing event in which we have participated in the past, 2014 is no exception. As far as we are aware, we will have a stall next door to the Blue Mountains Woodturners, as we, like them require power.

It is anticipated we will be doing demonstrations in various forms, be it carving, box making, or scroll sawing. naturally, we call on the individual skills of our members.

Setup times i would imagine are from 0700—0730ish. In the past we simply park in the grounds and let the 'gate - keepers' know which organisation you are with, and wear your club shirt.

This article has nothing whatsoever to do with wood, but i thought it interesting for those technically inclined.

Worlds Smallest Petrol Engine

SCIENTISTS have built the smallest petrol engine, tiny enough to power a WATCH. The mini-motor, which runs for two years on a single squirt of lighter fuel, is set to revolutionize world technology. It produces 700 times more energy than a conventional battery despite being less than a centimetre long (Not even half an inch!).

It could be used to operate laptops and mobile phones for months doing away with the need for recharging. Experts believe it could be phasing out batteries in such items within just six years.

The engine, minute enough to be balanced on a fingertip, has been produced by engineers at the University of Birmingham.

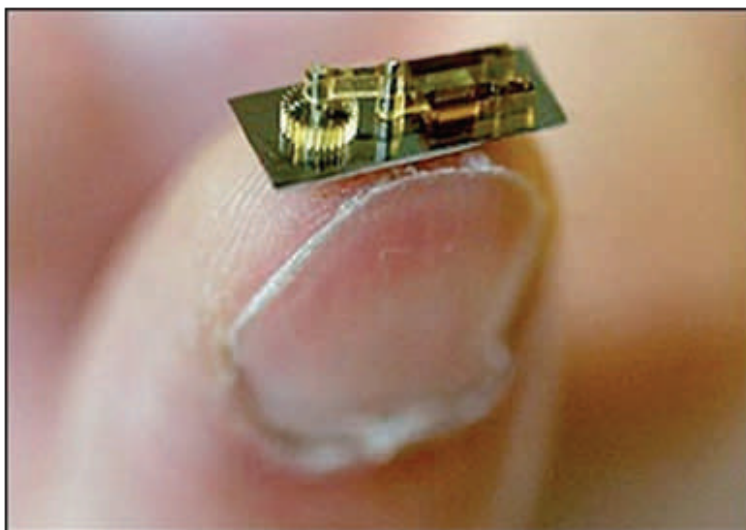
Dr Kyle Jiang, lead investigator from the Department of Mechanical Engineering, said: "We are looking at an industrial revolution happening in peoples' pockets. The breakthrough is an enormous step forward. Devices which need re-charging or new batteries are a problem but in six years will be a thing of the past."

Other applications for the engine could include medical and military uses, such as running heart pacemakers or mini reconnaissance robots. At present, charging an ordinary battery to deliver one unit of energy involves putting 2,000 units into it. The little engine, because energy is produced locally, is far more effective.

One of the main problems faced by engineers who have tried to produce micro motors in the past has been the levels of heat produced. The engines got so hot they burned themselves out and could not be re-used.

The Birmingham team overcame this by using heat-resistant materials such as ceramic and silicon carbide. Professor Graham Davies, head of the university's engineering school, said, "We've brought together all the engineering disciplines, materials, chemical engineering, civil engineering, and mechanical engineering.

What better place to have the second industrial revolution in nano-technology than where the first took place, in the heart of the West Midlands.



Blue Mountains and Penrith Woodworking Club Inc.

Following is a list of dates for our various Meetings & outings throughout 2014;

January 2014

Tuesday 7.1.14 Committee Meeting

Tuesday 21.1.14 Club Night Meeting

Saturday Workshop will be Sunday 26th Australia day at Glenbrook.

Sunday 26.1.14 **Australia Day Celebration at Glenbrook**

February 2014

Tuesday 4.2.14 Committee Meeting

Tuesday 18.2.14 Club Night Meeting

Saturday 22.2.14 **Saturday Workshop will be at the Leonay Pre School in Leonay Parade
LEONAY**

March 2014

Tuesday 4.3.14 Committee Meeting

Monday 18.3.14 **Girl Guides AGM**

Tuesday 18.3.14 Club Night Meeting

Saturday 22.3.14 Saturday Workshop

Wednesday 26.3.14 Trip to Wood Guys at Oberon

April 2014

Tuesday 1.4.14 Committee Meeting

Tuesday 15.4.14 Club Night Meeting

Saturday 12.4.14 Saturday Workshop

May 2014

Tuesday 6.5.14 Committee Meeting

Saturday 17.5.14 **BBQ at Bunnings (North Penrith) To be confirmed**

Tuesday 20.5.14 Club Night Meeting

Saturday 24.5.14 Saturday Workshop

June 2014

Tuesday 3.6.14 Committee Meeting

Tuesday 17.6.14 Club Night Meeting

Saturday 21.6.14 Saturday Workshop

July 2014

Tuesday 1.7.14 Committee Meeting

Tuesday 15.7.14 Club Night Meeting

Saturday 19.7.14 Saturday Workshop

August 2014

Tuesday 5.8.14 Committee Meeting

Tuesday 19.8.14 Club Night Meeting

Saturday 23.8.14 Saturday Workshop

September 2014

Tuesday 2.9.14 Committee Meeting

Tuesday 16.9.14 Club Night Meeting and our AGM

Saturday 20.9.14 Saturday Workshop

Saturday 27.9.14 **BBQ at Bunnings (North Penrith) To be confirmed**

October 2014

Tuesday 7.10.14 Committee Meeting

Tuesday 14.10.14 Club Night Meeting

Saturday 18.10.14 Saturday Workshop

Wednesday 30.10.14 **Bus trip to Lithgow State Mine Heritage Park**

November 2014

Tuesday 7.11.14 Committee Meeting

Tuesday 21.11.14 Club Night Meeting

Saturday 25.11.14 Saturday Workshop

December 2014

Tuesday 2.12.14 Committee Meeting

Sunday 14.12.14 Xmas Lunch

