

Crosscut



◀ Roy Gibbs' award-winning platter on show at the AWSA congress in Wilderness, September 2019.

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Next Turners Meeting on Monday, 4th November 2019 from 18h30 at the Living Link Hall, Randburg. Peter Middleton will turn a wooden top for a glass jar.

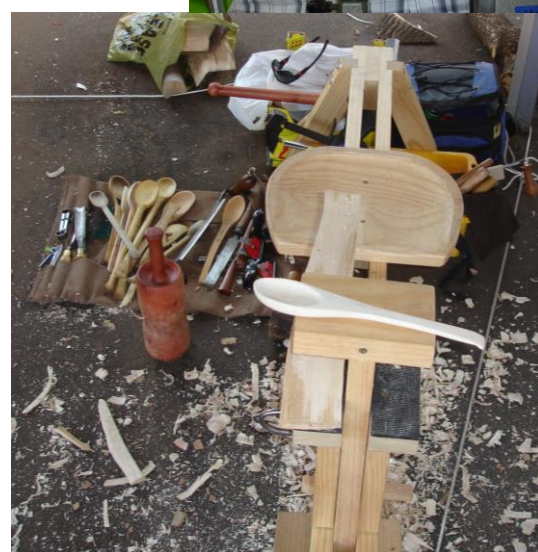
Next General Meeting on Wednesday, the 13th November 2019 from 18h00 at the Living Link Hall Erik Holme will talk about the manufacture and repair of wagon wheels, particularly on repairing damaged wheels.

News

7th October 2019 – Turners meeting – Poena Coetzee showed us to make a three centred box using multi-centre turning. He explained how to lay out the centres on the ends and the sequence for turning them to make the three facets on the outside. The diagram he used is reproduced at the end of this newsletter.

9th October 2019 -General Club meeting. A framework for teaching and learning the use of power tools by Denis Lock. In his usual well-prepared way Denis explained his framework. Apart from providing a structure, Denis' talk was thought-provoking for those who use power tools. This is an area where we need constant reminding to be able to work as safely as possible. Denis structured his talk around Safety, Tool Control and

Accuracy. He explained how Safety and Tool Control are mutually reinforcing, and are prerequisites for Accuracy. He gave numerous practical examples of how to improve all three areas. Denis is a stalwart from the East Rand Woodworking Association and has been teaching woodworking for many years, including his well-known router courses. He can be contacted on 082-267-5948 or denis.lock@worldonline.co.za or visit www.routingwithdenis.co.za.

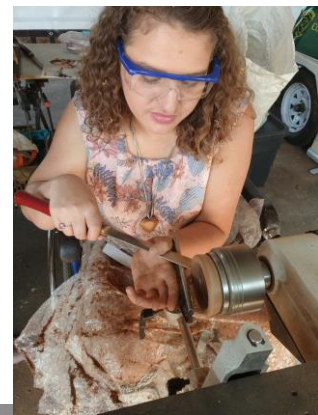


Wood Expo and Craft Festival – 5/6th October.

The Woodworking Association of Pretoria staged their annual show at the New Hope School east of Pretoria. Apart from woodworking and woodturning, a number of other crafts and hobbies were on show. The editor joined Louw Trichardt in showing some back-to-basics

woodworking using a shave-horse, froe and drawknife for shaping green wood from the log. Leon Wolmarans' pole lathe challenged visitors to stand on one leg and co-ordinate the treadle with positioning the ugliest gouge ever made. The editor's shaving horse was used for spoon making.

Johan Kramer and Schalk van Niekerk were showing off turning. Johan was showing his lathe stand that allows the turner to sit at the lathe – this is particularly suited for people who cannot stand easily or are wheel-chair bound. This young lady was temporarily wheel-chair bound with a moon boot on her foot.



Roy Gibbs was showing off his award-winning platters and the pyrography techniques he uses to decorate them.



Andrew Bourke from the Pretoria club was showing how he carves and pierces his bowls.



Summer Challenge – 12th October 2019 at the Albertskroon Workshop. Bobby walked away with both prizes – his cutting board can be seen on the right. Bobby's mushroom standing in a pot can be seen below with the other mushrooms turned on the day.



On the following page, you can see Steven Barrett and Willie Pretorius making mushrooms with some encouragement from Peter Middleton, John Speedy and David Smith.

Club Notices / Committee Matters

Annual Toys for Charity Braai on 23rd November at the Gereformeerde Kerk, Randburg - at 41 Third Road (41 Derdeweg). Northwold, Randburg. (Coordinates S26°04'20" E27°57'30.1")

Start time is 10h30 for 11h00. The raffle for the Two-for-R10- tickets starts 12h00; lunch will be served at 13h00. Costs – members R90-, guests R100-, children under 10 free. Attendance lists will be circulated at the November



meetings. Please complete these so that accurate numbers are available for catering. Soft-drinks, beer, wine, tea and coffee will be on sale. Bring your own plates and cutlery and glasses. There will be some paper plates and plastic eating utensils, for those that forget.

Please don't forget to bring your 10 toys to the braai. If you can't make it to the braai, you can bring your toys to a meeting or to the clubhouse at one of the regular events.

Woodworking 101 – next on the schedule for Saturday the 2nd November 2019 at 09h00 at the Albertskroon workshop is an open session. Bobby says:

Hi everyone. Our next Woodworking 101 workshop will be held on Saturday the 2nd Nov. at the Albertskroon workshop at 09H00.

At our previous meeting, it was decided to make a bar stool. However, with the coming Christmas, and members having other obligations, it was decided to have an open day on the 2nd, where members can come with problems and queries, and I will try to help and assist.

The bar stool idea will be our project for Feb. 2020.

For further information you can contact Bobby at 083 873 3872 or bobbymel109@gmail.com.

Regular Events:

Every Wednesday and Friday – Graham Rudings will open the workshop, but reserves the right to cancel at short notice. Graham is setting up an email circulation list for announcements and any cancellations. Please email Graham grahamcr AT mweb.co.za to be added to the list. Graham can be contacted on 082 900 0242.

Ken's Saturday Workshop. Ken Bullivant holds a Saturday workshop at his house in Boksburg. The location is 13 Franklin Avenue, Comet, Boksburg on the first Saturday of the month from 09:00 to 12:00. They decide on an annual project and work throughout the year making it. Individual projects are discussed and problems solved. Ken also offers private lessons too. Contact Ken on 082 809 0020 if you wish to take part.

SPIRIT OF THE WOOD - WOODTURNERS

Offering Woodturning lessons, One-on One Training, Classes and Club, Willing to assist persons with limited physical/intellectual abilities. Contact Johan Kramer on 083 251 0183 or Johankramer300@gmail.com

Saturday meetings

1. First Saturday – Bobby Bezuidenhout – Woodwork 101 for beginners. Contact Bobby on 083 873 3872 or milesiabez AT gmail.com
2. Second Saturday of month - Herman will open the workshop – all things turning related – 083-631-0501 hermanpotgietersq AT gmail.com
3. Third Saturday of month – Contact Pierre at 083 308 7917 or pm9917 AT gmail.com
4. Fourth Saturday of month – Graham will open the workshop – 082 900 0242 grahamcr AT mweb.co.za If you plan to attend, please send your email address to Graham, so that he can send out any last minute cancellations.

“SHOULD NO ONE ARRIVE BY 10h00 THE WORKSHOP WILL BE CLOSED.”

Please can the conveners complete the attendance register on the bar counter, so we can gauge attendance?

The closing up instructions must please be followed by the convener when leaving. Graham has placed the procedure in prominent positions in the workshop.

ALBERTSKROON WORKSHOP REPORT - OCTOBER 2019

By Winston Klein.

The popularity of the Workshop Meetings is growing monthly, especially on the days when there are demonstrations or talks. The show and tell also is very interesting and always generates enthusiastic discussion.

As mentioned in the September report, the details of Roger Matthews' talk on climb cutting follow below.

Climb Cutting On A Router Or Radial Saw.

Roger Matthews ►

Roger started his talk by suggesting that, for a more detailed explanation, look at an article on the Internet by Chris Gochnour titled "*Climb Cutting: don't believe the naysayers*". Roger also supported his talk with slides from that article.

To the readers who might not know what Climb Cutting is, simply put, it is cutting in the opposite direction to that recommended by all traditional router user instructions. The user must be aware that there are risks attached to this practice, but done with care when needed, is very useful and has a function in router use.

The next part looked at the effect of climb cutting when cross cutting thick material on a radial saw. This is when the carriage of the machine tends to run forward toward the operator and has to be restrained.

The force driving the carriage is caused by the teeth of the blade entering the work piece almost vertically and "climbing" or gripping into the timber and thus driving the carriage forward, sometimes stalling the motor. Some manufacturers provide "Control Cut" accessories to limit the possibility of this danger.

Chris demonstrated making "bowtie or butterfly" inlays for repairing cracks or for decoration using a router system. It is interesting in that a "bowtie" is cut using a

router cutter with a guide bush and a plastic template. To rout the recess to accept the "bowtie" the same cutter and template is used, but the guide bush is changed for a larger one. Because of the compensation of the bushes the "bowtie" fits snugly into the recess.

Chris also showed us a platter with leaf patterns made using the same system.

After Chris' demonstration Winston showed how the same process can be done with hand tools. He showed how to cut the outline of the recess with a knife and



chisel the waste wood out and finally flatten the bottom with a scratch stock



Graham demonstrated the use of coloured epoxy resin for filling cracks or gaps in wood. His demonstration was for a “river table” casting i.e. a band of coloured epoxy running like a river through the middle of two planks with bark attached to eventually make up a table top. This can be better seen in the photograph. He explained the various two part epoxies he had experimented with and used a product from AMT Composites in Spartan, Kempton Park for this operation.

The quantities of the two parts, when mixing, is critical, as when mixed, a chemical reaction takes place and the setting and hardening time is determined. If correct ratios recommended by the supplier are not used the



epoxy may take a very long time to set, or worse, may never set and harden.

Graham explained the need for a box or “bath” to be made out of melamine faced board and all gaps to be sealed with silicon to prevent the liquid epoxy escaping and ending up on your workshop floor. Another essential detail to observe is that the “bath” must be perfectly level, because the liquid epoxy is self levelling and a release agent must be sprayed in the ”bath”, prior to casting.

The epoxy must not be poured in depths greater than those recommended by the manufacturer, so the pours are in layers of approximately 10mm. Graham’s current project will require some time to finish and I will report and supply photographs in a later report.



Eugene demonstrated the making of mortise and tenon joints on a router table without the use of jigs. The mortise is marked out and a template used to establish the distance that the fence must be set from the cutter. To ensure that the length of the mortise is uniform, stop blocks are attached to the fence and the part is moved back and forth between the stop blocks. The same result can be achieved by carefully matching pencil marks on the work piece and the router fence and moving between the pencil marks. With the same system of stop blocks or pencil marks on the fence the tenon can also be produced. Care must be taken that the mortise must be cut first.

This system will also work when using loose tenons.



SHOW AND TELL:

Graham showed various router bits for making raised panel doors and explained the extra precautions and care needed because of the large diameter of the cutters and the attention that has to be paid to the rpm speed to be used.

Dave showed and discussed how he made a dove tailed drawer using a Trend jig. It was his first ever attempt



at using the system and was an excellent effort. He explained the difficulty of matching up the cuts for four corners, and accounting for the half pins.

After a good few months Les showed us his ship's wheel which he has worked on, mostly at the Workshop, so regular

visitors will have watched his progress with keen interest. He used Kiaat and Jacaranda to give a contrast between the wheel and spokes.

Poena's drawing showing the layout of the 3-facetted box, with the centres and sequence of using them – as explained at the October 2019 Turner's meeting.

