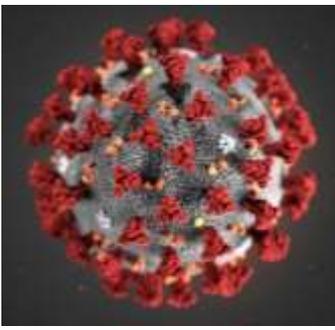


Crosscut



◀ Visualisation of the coronavirus showing the characteristic crown structure

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Next Turners Meeting on **Monday, the 6th April 2020** from 18h00 at the Living Link Hall. **Cancelled** due to COVID-19 national shutdown.

Next General Meeting on **Wednesday, the 8th April 2020** from 18h00 at the Living Link Hall. **Cancelled** due to COVID-19 national shutdown.

May 2020 meetings – to be advised.

News

2nd March 2020 – Turners meeting – Gouges for turning, an introduction. Herman Potgieter showed a video to introduce the spindle roughing gouge, followed by Peter Middleton who demonstrated the use of the spindle gouge, with Trevor Pope finishing off with the bowl gouge. Guidance was given on the use of each and basic principles that apply. Some basic cuts were shown on the lathe to illustrate how they are used.

Wood of the Month – Chris van Heeswijk presented Wild Syringa also known as Red Syringa / Wilde Sering. *Burkea Africana* is a widely distributed tree, found from South Sudan as far south as the Magaliesberg. The tree is not endangered and forms an important part of local eco-systems, being the host for the emperor moth caterpillars. It is a deciduous tree, with red to brown heartwood. Being durable it is well suited for furniture and flooring. It was also traditionally used for wagon wheel hubs. (Picture from Wikipedia).



11th / 18th March 2020 – Main club meeting – This meeting was scheduled for the 11th March, but was postponed to the 18th March, due to load shedding scheduled for Parkhurst at the time of the meeting. However, on Sunday, the 15th March 2020, the nationwide shutdown due to the SARS-COV-19 corona virus was announced and committee thought it prudent to cancel the meeting.

Club Notices / Committee Matters

In emails, most recent dated 7th April 2020, the WWA chairman, Alistair Brande, described the way forward:

All future meetings (including the AGM) have been cancelled and will not resume until the shutdown has been lifted, and even then, caution will be the operative word.

During a video conference yesterday (the 6th April 2020) the committee discussed the following:

1. The negotiations regarding alternative premises are on hold – they are looking promising but we cannot move forward until the lockdown is lifted.

2. We will advise the Albertskroon landlady that we will continue paying the rent – her sole income is based on the rentals from her properties and it is likely that most of the other tenants will be unable to pay her (and yes we will ask her for a payment holiday)
3. We all need to be aware that our cash flow is under severe pressure as we have rental overheads and no income and to this end we need to advise members that the annual subscription will increase to R600.00 per annum for the next year with an early bird discount of R50.00 if paid on or before 30 April. This increase will be ratified at the AGM when it is held – Extraordinary Times, Extraordinary Measures!
4. We will endeavour to keep information flowing to members on a regular basis to keep you busy and informed:
 - a. The Crosscut will be sent out
 - b. We are investigating the possibility for holding Meetings, Show and Tell and Demonstrations via Zoom video conferencing.
 - c. Wood of the Month will be sent out by e-mail
 - d. We will send out information on interesting articles and videos on a regular basis - please forward any interesting articles you may come across to either Lynton ldennill@gmail.com or myself for circulation to members.
5. We will be contacting our colleagues from the Pretoria Association of Wood to see how they are handling the shutdown

A great e-mail from Thomas Johnson who is keeping busy with his son.

<https://dragonfiretools.com/family-woodworking-projects-for-your-workbench>

is an interesting website and worth a visit?

Alistair

Wine Raffle

Fund raising raffle ticket sales have now reached the 94 mark with some members being exceedingly generous in taking up to 5 tickets! Having said that we have a long way to go to achieve the goal of 200 ticket sales. I remind you that this is an effort to raise money for our club to assist in covering the shortfall in funding our activities. In the absence of club meetings and regular raffle sales it is even more important that we succeed in this endeavour and I ask all members to consider buying additional tickets. To those members who have not yet bought a ticket I ask you to consider supporting the club by buying one or more tickets. R100 buys about 3 cappuccinos which you are currently not, or should not be doing!

I remind you that the prize is two cases of quality KWV red wine. Email me on eugene@antlerfin.co.za and I will send you my banking details. Make sure I receive your cell number as well. You never know, I might have to contact you with some good news!

Thank you and stay safe.

Eugene

Hobby-X 2020 – 5th to 8th March 2020 at the Dome, Northgate. In hindsight, we were fortunate to escape the March 2020 national shutdown. The show seemed to be quieter than the previous year, but it was notable that more hardware retailers were represented than last year, including Tools4Wood and Strand Hardware. Unfortunately, Strand has closed their Strijdom Park shop, so their attendance at the show was unexpected, with the usual staff from the PE branch in attendance. The East-rand club was represented by Ari and Rita Mansur on a separate stand. Johan Kramer – Spirit of the Wood – had his usual stand with three lathes running. He was right next to the Adendorf stand, and helped them to sell their lathes. Adendorf had a 10%-off show special.



From the pictures, you can see that a lot of work was on display in the WWA gallery and



trade was brisk in the ever-popular pens. Hardware Centre, Bosch, Dremel, Olfa, Proxxon, and Fein were also represented.

The pictures show Poena Coetzee turning on Frans' Jet lathe (previous page); some of the items on display in the gallery; and WWA members manning the stand (Frans is on the left).



Frans Joubert is the main organiser of the WWA stand at Hobby-X – thanks Frans for all your work!

Regular Events:

These have all been suspended for the duration of the lockdown. Please monitor your emails for notice of when they will be resumed.

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](mailto:grahamcr@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.

Saturday meetings

1. First Saturday – Bobby Bezuidenhout – Woodwork 101 for beginners. Contact Bobby on 083 873 3872 or bobbymel109@gmail.com
2. Second Saturday of month - Herman will open the workshop – all things turning related – 083-631-0501 [hermanpotgieters AT gmail.com](mailto:hermanpotgieters@gmail.com)
3. Third Saturday of month – Contact Pierre at 083 308 7917 or [pm9917 AT gmail.com](mailto:pm9917@gmail.com)
4. Fourth Saturday of month – Graham will open the workshop – 082 900 0242 [grahamcr AT mweb.co.za](mailto:grahamcr@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 - Friday Report - February 2020

By: Gray King.

Homemade Tools and Jigs – 14 February 2020

Willie Pretorius

Willie put out 11 Homemade tools and jigs starting with a lightweight, wooden VICE which he claimed was in many instances better than the standard workbench vice, less harsh, mobile, and could be opened wider if needed; a GRIPPER to keep your wood up against the table-saw fence; big wooden CLAMPS; a HEIGHT ADJUSTER which enabled a safer, closer working option to the saw blade; Steel RULER STOP gadget to lock onto your metal ruler to provide uniformity; adjustable PLUM or LINE string to provide uniformity when drilling holes; various SANDING BLOCKS; a series of WOOD SCORING markers; a nifty dowel SIZER and a variety of home-made planes. Food for thought.



Clive STACEY (Show 'n Tell)

Making a prototype for an Occasional Table and he described some of the difficulties for the corner sections. Made basically from Mahogany it promises to be an exquisite wife pleaser when complete. The template described looks, as he put it, delicate and pleasing to the eye, with a size of 600 x 400 and 600 high it will be a challenge that he's promised to revisit a show and tell when finished. We look forward to that.



Chris van Heeswijk

Presented a WEDGIE JIG. Used in conjunction with a table saw. Chris explained the concept provides an ability to cut precise, uniform wedges (many) in order to form a circular series of perfect wedges. When glued they create an eye-pleasing shape. (See pics) When making a segmented shape, the blank is made up of a number of rings which are full circles made up of a

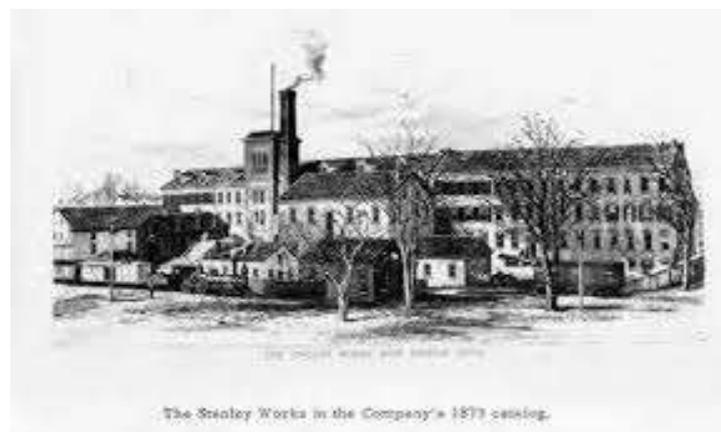
number of segments which are cut at the appropriate angle to make up the full circle. E.g. 18 segments need to be 20 degrees to make 360 degrees.



**FEB 7
FRIDAY 2020**

Winston Klein.

Winston gave a condensed history of Stanley tools. It all started in 1843 in New Britain, Connecticut, USA when Frederick T Stanley and his brother William



The Stanley Works in the Company's 1873 catalog.

established The Stanley Bolt Manufactory. They produced hand-made bolts (sliding bolts) which they peddled from the back of a wagon. Early in the 1850's they started making high quality hinges, which they sold in boxes together with matching screws, the only manufacturer who did that at the time. Meanwhile in 1857 a distant cousin, Henry, established the Stanley Rule and Level Company, their main line was boxwood carpenters' rules, as well a range ivory rules. The business gradually expanded by having various specialist tool makers supplying all manner of woodworking tools for them. By the early 1900's they were producing the most complete range of tools in the world. In 1920 the two cousins joined forces to form The Stanley Works, the forerunner of the Company we all know today. An indication of their growth is that in 1963 they patented the "Power Lock" for their range of expanding steel rules. In 2013, when they celebrated the 50th anniversary of the patent, they were producing 10 million per year.

FRI 21 2020

Eugene Taljaard

Showed a home-made Drill Press Jig which, he promised had improved the versatility, and accuracy of his home equipment because he'd included a series of created adjustments and options. See pic.



Clive Stacey

Held up old books on woodworking going back to the mid-1940s. Ironically, apart from there being fewer on/off options, the books showed that methods and tools of old were very similar to what was available today. He also put forward 2 Table-saw fence jigs which he assured us we're more stable, safer, more-accurate and eliminated slippage. He briefly touched on his previous show and tell table saying that he'd made some "client" (wife!) driven adjustments in order to create a more streamlined result which, he agreed would form part of a future presentation.

Graham Rudings

Discussed band-saw woes, putting forward that unless the table top plate, the blade tpi and the blade width was pre-planned, the results (especially where rare wood was concerned) could be costly and disastrous. He added that allowing the blade to do the work and not being impatient was critical. Three tpi and 12mm blades for resawing (where no deviation of line was needed) could be the answer to those inclined to assuming more teeth, faster speeds, hasty push through were concerned.



FEB 27 2020

Chris van Heeswijk

Segmented Bowls, building them one ring at a time. Background required is a knowledge of maths, trigonometry and, of course, woodworking.

Concept is ring structure, one layer at a time and then clamping together, forming a lathe option, turning the inside structure until smooth and developing a wonderful pattern to delight and confuse would-be followers. See pics.

Eugene Taljaard

Demonstrated how to overcome even the severest warp in wood destined for some special project. Conceptually, it requires a sled-jig in which to secure the piece, building wedges to raise or lower the piece to represent being level, sending it through the thicknesser to remove the warp and finally turning it over to create perfect uniformity. Brilliant. See pic.

Show 'n Tell

Clive Stacey

Provided a progress report on his looming table explaining he was finally satisfied with his template and promised to have a mock-up next meet.

Willie Pretorius

Demonstrated his self-made Center Finder jig, which, when fitted to the drill press neck projected an led light "dead center" of the piece to ensure spot on accuracy

Graham Rudings

Showed his endeavour to saw Kiaat on the band-saw, first with 8tpi which failed and then the improved result using a 3tpi and 8mm blade. The difference, as a learning curve is considerable and worth considering.

MARCH 2020

Since most of the Albertskroon Wednesday and Friday members are either retired or nearing retirement it should come as no surprise that much of the coffee time talk is "Corona Virus". And, we may have a wide variety of solution ideas, the one thing we all have is "let's be safe, not sorry". So, saying the Big Guns who hold the workshop keys put their heads 2m apart and took the decision to close the workshop until April 1, or longer if circumstances change.

(See communications from the Chairman, Alistair, above – Ed.)

It's incumbent upon us all to keep safe which means keeping the Association informed IF you are diagnosed positive with the virus. Please communicate.

We did manage to keep two Friday Presentation (show 'n tell) sessions going before the lock-down decision was made. Here they are:



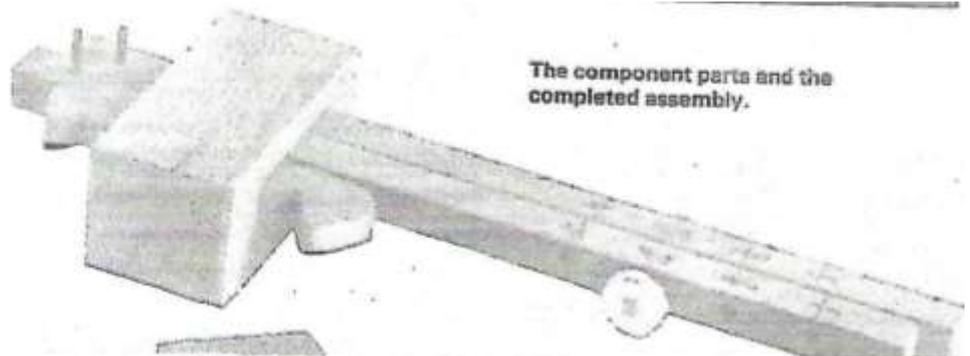
**heirloom
depth gauge**

You're not likely to misplace this shop heirloom. Use it for measuring dados, mortises, and other recesses where precision is critical.

Friday 6th March

Glen

Showed his French Mortice Gauges. Home-made, precision concept of mahogany and brass.



Graham Rudings

Demonstrated his answer to making (or having engineered) a jig to fit his bench that expanded both size and versatility of a sanding wheel.

Clive

Posed the question of wood identification which elicited a variety of opinions ending in agreeing to disagree. He went on to get views on filling cracks and defects and offered the view that some believed the use of Plaster of Paris was an option, adding that staining could solve the wood-matching problem. The alternatives roved around Sanding Sealer using the dust to form a slurry and covering the defect that way.

Roger Matthews

Brought out his 70 year old Marples plane saying it was something of a rarity in today's world made more so by adding he'd dropped it years ago and had it repaired via a brazing expert and the result was a usable, perfect plane.

March 13

This Friday was a rapid-fire show and tell starting with:



Eugene

Showed us how he had routed and attached cupboard handles to his latest project and then turned to a versatile led telescope, gooseneck light which had a magnet to help position it effectively.

Barry

Demonstrated his latest acquisition, a small, personalised branding/printing iron to identify his woodworking results for posterity. He can provide source information if you email him.

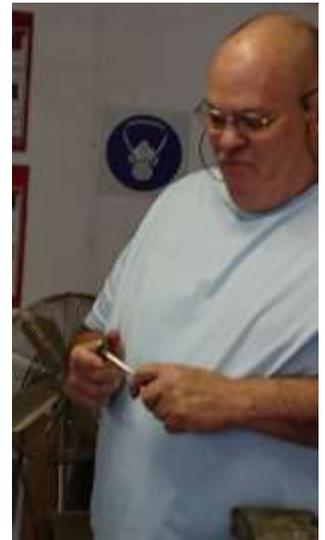
Clive

Explained his findings for wood, plastic and steel runners (tablesaw) and generated some comment and differences from members.

Graham

Showed us a variety of cupboard hinges explaining how he had used them to create his home workshop storage space very successfully.

A lively question and answer session followed the show-and-tell presentations.



Face Masks and Respirators

Trevor Pope

You are probably heartily sick of all the COVID-19 communication, and the questions about wearing of face masks. As a woodworker, you have probably used dust masks in your workshop, particularly when sanding. I have a pack of dust masks in my PPE cupboard in my workshop, so to decide whether they will be useful, I consulted the internet. The following information from Wikipedia may be helpful in deciding whether to use your workshop masks to ward off the dreaded lurgy.

See <https://en.wikipedia.org/wiki/Respirator> for more information. The images and table used here come from the page.

The so-called gold standard N95 mask is explained. N means that it is not oil resistant. “95” means that it filters 95% of 0.3 µm (3 micron) particles. The size range of 3 microns is carefully chosen, as touched on in the page, to measure fine particle filtering. It seems that the dreaded SARS-COV-19 virus is about 0.2 µm (2 microns) in size, so most should be intercepted by the filtering action of the mask. The N95 mask is the standard that medical personnel aim for when dealing with infected patients. This excerpt from the table from the Wikipedia page explains the ratings:



Oil resistance	Rating	Description
	N95	Filters at least 95% of airborne particles
Not oil resistant	N99	Filters at least 99% of airborne particles
	N100	Filters at least 99.97% of airborne particles

In your workshop, you probably have masks similar to the ones in the picture on the right. The question is - how good are they?

The rating should be given on the packaging. It is probably FFP1 or FFP2. I have a box of FFP2 masks. From the table below, you can see the FFP1 masks are not quite up to the N95 standard, more like a N80 level, if there was such a classification. The FFP2 masks are N95 standard, as good as you probably need.



Class	Filter penetration limit (at 95 L/min air flow)	Inward leakage
P1	Filters at least 80% of airborne particles	N/A
P2	Filters at least 94% of airborne particles	N/A
P3	Filters at least 99.95% of airborne particles	N/A
FFP1	Filters at least 80% of airborne particles	<22%
FFP2	Filters at least 94% of airborne particles	<8%
FFP3	Filters at least 99% of airborne particles	<2%

Given that efficiencies of most masks that you encounter are unknown, even the FFP1 masks are very good, comparable to so-called “surgical masks”.

As you will have picked up from the barrage of information we have been receiving, just using a mask on its own is not going to give you complete coverage. You need to don and doff the mask correctly, without touching your face in between. The mask must fit properly to avoid leakage. If you wear glasses, they will probably steam up and not fit properly onto your nose, and all the fiddling you do to make them comfortable may also result in you touching your face and compromising your protection.

This is all a royal pain in the proverbial. The best protection is still handwashing and sanitising so when you do fiddle with your mask and/or glasses, there is less compromise.

Good luck!