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Wood and Craft Expo 2022 1 and 2 October 2022

By Paul Roberts

Photographs by Willem Semmelink and Francois van Aswegen

This Wood Expo was the first one to be held after the Covid-19 pandemic. The attendance and participation was unfortunately somewhat below the previous norm and we hope that this will improve in future years. Total attendance was 321.

The photographs below illustrate some of the highlights.



*Modified lowboy by Sternberg Coetzee
Winner of the Executool Trophy for
Cabinetmaking.*



General layout of the exhibitions items in the hall.



*Chessboard by Corneel du Toit
Co-winner of the Secretary Trophy for Utilities*



Some of the smaller items in the hall.



***Large Platter by Andy Sutton
Winner of the Phil Irons Trophy for Turning.***



Bedside cabinets by Willie Marneweck.



***Wooden clock by Willie Marneweck
Co-winner of the Secretary Trophy for Utilities
and Winner of the Daan Badenhorst Trophy for the
Visitors' Choice (Best on Show).***



***Restored chair by Hennie Ackermann.
Winner of the Keith Jones Trophy for Restoration.***



Engraved bowl by Andrew Bourke.



Leon Wolmarans won a Gold Certificate with this attractive box.



Woodcarving by Bruce Carter who received a bronze certificate for the carving.

Association's Monthly Meeting: 26 October 2022 By Paul Roberts

The main speaker for the evening was Paul Cronjé of 3DPrinting Store (see www.3dprintingstore.co.za). The topic was "Pushing the boundaries of woodworking with 3D Printing, CNC and Laser". Some 36 persons attended the meeting and Braam Burger chaired the meeting as Jan Richter was indisposed following his back operation.



Paul Cronjé presenting his talk.

Some interesting issues arising from the presentations on the different techniques are:

3D Printing

- The layers are 0.2 mm thick;
- Designs can be downloaded from the internet, developed via CAD programmes or 3D scanning;
- Examples for woodwork are tools, custom clamping blocks, and functional parts;
- Cost from R4 000.

CNC Machining

- Useful for repeat production;
- Accuracy and repeatability +/- 0.1 mm;
- Can machine complex shapes in a wide variety of materials;
- Easy to make money from the machine;
- A negative aspect is that it can take a long time to set-up;
- Cost from R11 000.

Laser cutting

- Application for 2D profile cutting;
- Accurate and repeatable, but not as accurate as CNC;
- Easy to make money from the unit;
- Limited material options (wood, foam, Perspex and plastics work well);
- There is a reasonable learning curve;
- Cost from R6 000.



*Attendees inspecting the various examples.
A 3D printer is in the background.*

After the break, Jan Richter showed some lathe chucks that he printed for spoon turning. Then Hendrik van Rensburg demonstrated his newly purchased Shaper Origin Hand-held CNC Router. He bought it in Germany for around R60 000.



Hendrik van Rensburg demonstrating his hand-held Shaper Origin CNC Router.

Braam Burger then gave an overview about the WAP Workshop Project. Paul Roberts had in the past developed a workshop and training centre proposal which was not taken further because of Covid-19. The proposed Workshop will be a shared facility with the New Hope School. A small Workshop Committee will be appointed from the three Interest Groups.

Editorial

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