

TURNING TALK

Newsletter of the South Auckland Woodturners Guild

Number 127 : September 2004

Programme for the Third Term 2004

We meet at our clubrooms, in the Papatoetoe Stadium Community Centre, Tavern Lane, Papatoetoe, at 7:00 pm. For those who wish to make use of the machinery, do some shopping, or get a little extra advice, the doors open at 5:00 pm.

This term sees the continuation of a Table Prize for each term – so keep your good work and lessons learned flowing to the show-and-tell table each meeting night.

8 September **Wet turning, drying and re-mounting** a bowl. Dick Veitch runs through the options.

11 September Working bee. Your chance to help your clubrooms stay nice and tidy.

15 September **Craft market items**. Terry Scott turns the little things that people like to buy.

This is also the show and tell night for the clocks that you have made.

Sat 2 Oct Upskills day. Everyone has a skill that needs improvement.

Programme for the Fourth Term 2004

Wed 6 Oct **A simple bowl**. Demonstrated by Dave Harmes. This is our term project with all small bowls that you wish to donate going to the Children's Christmas Gift Pack.

Sat 9 Oct Working bee. Do your bit to keep the clubrooms up to scratch.

Wed 13 Oct **Terry Martin**, artistic woodturner from Australia, shows off his work.

Wed 20 Oct **Inside-out turning**. Anton Posthuma shows us this ingenious process.

Wed 27 Oct **TURNZ slide show** and discussion on entries and prize winners at Putaruru.

Wed 3 Nov **Hands-on night** for the project for this term – simple bowls. Bring your wood and share your expertise or seek advice for improvement.

Sat 6 Nov Upskills day. Everyone has a skill that needs improvement.

Wed 10 Nov **Utah Symposium**. Selected pictures from the 950 pieces of the work on show from all over the world.

Sat 13 Nov Working bee. Do your bit to keep the clubrooms up to scratch.

Wed 17 Nov **Achieving a saleable standard**. Mike Lewis give his ideas on what is needed. Special techniques. Display. What to make for the Christmas sale. Bring your work for pricing.

Wed 24 Nov **Thin spindle turning**. Terry Scott shows how.

Wed 1 Dec **Last night of term**. Bring a plate for supper. Hands-on making more bowls.

This is also the show and tell night for the simple bowls that you have made. And then we pack them all up for giving away to the children.

Term one for 2005 starts 2 February.

Guild Correspondence to: 4/4 William Ave., Greenlane, Auckland. email cheers@slingshot.co.nz

President:	Terry Scott	297-7051
Vice President:	Dave Harmes	579-8722
Secretary:	Mike Clausen	525-3586
Editor:	Dick Veitch	298-5775
Treasurer:	Cathy Langley	630-2091
Committee:	Len Bacon, Mac Duane, Bill Hartley, Rex Haslip, Terry Meekan, Colin Mitchell, Brian Petterson, Les Sivewright	

Newsletter contributions to: 48 Manse Rd., Papakura.
Or dveitch@kiwilink.co.nz or fax 298-5775

Our Website is www.sawg.org.nz

Demonstrator and Judge for the TURNZ Exhibition

The Judge for the exhibition is Terry Martin. Terry is a wood artist and author from Toowong, Queensland.

He has qualifications in adult and further education from the University of South Australia, also in multi cultural studies from the University of New England, NSW.

He has been granted many awards, grants and residencies, and has held exhibitions and seminars in Australia, Japan, USA, Canada, France, and Germany.

His work is featured in many overseas publications, plus he has written many articles and published a book on contemporary woodturning called "Wood Dreaming". With this background TURNZ is proud to welcome Terry to New Zealand to judge the exhibition and share his skills in a workshop.

AN INITIATION TO ATTEND A WORKSHOP WITH TERRY MARTIN

- 1. New ways of thinking about woodturning*
- 2. Examples from around the world*
- 3. Demonstration of some of these ideas*

*PUTARURU COLLEGE HALL, JUNCTION STREET, PUTARURU
SATURDAY 16th OCTOBER 2004 9am-4pm*

Cost: \$25.00 includes fully catered lunch

Contact Graham Williams Ph (07) 571 2936 before the end of September.

Bus to TURNZ

We will be taking a bus, or minibus, to Putaruru.

Depart SAWG clubrooms 0600, 16 October 2004.

To Putaruru for the full day Terry Martin Demo.

Two hours at the TURNZ woodturning exhibition.

Back at SAWG by 2100.

This will cost you:

\$25.00 for the demo (lunch included).

\$35.00 for the bus.

Names and money to Cathy Langley please before 30 September. She will book you in for the bus and demo.

Shane Hewitt at Franklin

Shane will be doing a full day demo in Chris Jensen's shed, 28 Runciman Road, near the intersection with Pukekohe East Road, on 9 October 2004.

Cost \$30.00. Lunch and teas provided.

\$10.00 deposit to be paid when you put your name down.

There will be some timber for sale.

SAWG members welcome. Contact Chris Jensen (09) 238 9161 or Dick Veitch.



Chadwicks Mitre 10
PO Box 72064, Papakura, Auckland
Phone (+64-9) 2963460
Fax 2963461
Email: admin@chadwicks.co.nz

Coming Events

- National Woodskills Festival 2004, Kawerau, 10 to 12 September 2004
- Wonders of Wood Craft Day at Rangiora, 18 September 2004
- TURNZ entries close 20 September 2004
- TURNZ entries received by 6 October 2004
- Tauranga Woodcrafter's Club Festival, Baycourt Festival Hall, 8 to 10 October 2004
- Bus trip to Terry Martin full day demo at Putaruru. 16 October 2004
- TURNZ 2004. The National Woodturning Exhibition, Putaruru, 16 to 25 October 2004
- Spinaround Waitaki, 29 to 31 October 2004
- Christmas Sale, Papakura, 13 to 24 December 2004
- Neil Scobie full day demo at SAWG. 26 February 2005
- Entries close for Royal Easter Show, 26 February 2005
- Collaborationz. At Whangarei, 4 to 12 March 2005
- Royal Easter Show, 23 to 28 March 2005
- Timber and Working With Wood Show, Auckland, 8 to 10 April 2005
- Woodcut Open Day, 2 July 2005
- NAW Woodskills Symposium hosted by Christchurch Woodturners at Kaiapoi, 16 to 18 September 2005



Wanted / For Sale / Give Away

Circular saw blade for sale, 8.5" (216mm), 15mm centre hole, purchased used but then sharpened by GP Sawdoctors and not installed (wrong size) — \$10 — call Cathy 630-2091

Big bowl lathe for sale. Turns 960mm dia. 2hp motor. \$2000.00 (no offers). Call Ian 418 1312

Club Night Wednesday 4 August 2004

Hands On Clock Making

from Rex Haslip

Several people took the opportunity of having support and an audience, to start their project for the month.

By the looks of what was done tonight, we are in for a real good response this month, with several different varieties of clock being made, from wall to crescent, with a few mantle and ball clocks coming along as well.

Mac Duane who has demonstrated clock making over the last couple of weeks was in great demand as was Terry Scott and a couple of other members as advice was sought on matters as diverse as which side of the blank would make the best front, to how to add that little extra with some embellishment.

I guess now it's just a case of waiting to the end of the term to see how things have gone

Club Night Wednesday 11 August 2004

Multiple Demonstrators

from Rex Haslip

In a first for the guild, tonight saw 4 small demonstrations being done at the same time, allowing a feast of information for those watching. The new facilities accommodated this variation with ease, with plenty of room for small groups to view in safety while not impacting other demonstrations.

Terry Scott demonstrated various methods of texturing a platter or bowls, with the Dremel getting a work out along with the Sorby texturing system. Terry also went over making your texturing stand out by "picture framing" the textured areas, and what can be done to the piece after texturing to add even more variety and interest.

Brydon Thorpe made a series of Weed Pots, starting with a raw blank and finishing off with oil. Brydon went over the details of design, the traps and pitfalls to look for, and what finishing he prefers.

Terry Meekan embarked on a mission of taming a 800mm long piece of fence post to make a very stunning "Fence Post Bottle". From wood selection to mounting between centres and finishing, Terry had an enthralled audience, and by far, generated the biggest heap of shavings of all the demonstrators

Finally Rex Haslip demonstrated his way of turning Bottle stoppers. Small projects that are a great way to use scrap wood, Rex went thru the mounting, finishing and assembling of these, while also showing the new Shellawax "Glow" polish in action.

This evening was real success, so I am sure that this will have been the first of many more like it.

Club Night 14 August 2004. Epoxy

Bill Blanken gave us a very able demonstration on setting things in epoxy resin in turned work. The writing below makes no attempt to include all the details he told, but may include other information as it was first written after I discussed this subject with Bill and others a year or two ago.

In woodturning we now see seashells, pebbles, badges, toys, and more, embedded in resin around the rim or in a hole in wood of the turned item. In simple terms this is done by filling a hole with epoxy resin. But there is a little more detail to it.

The resin we use is 421 Epoxy Resin made by Altex Coatings, 215 Oropi Road, P.O. Box 142, Tauranga, phone (07) 541 1221. In Auckland supplies are available from the Smart Marine Supermarket, 123 Beaumont Street, and Altex Coatings, 4 Te Apunga Place, Mt Wellington.

Other resins do not set to a clear colour. The hardener with 421 Epoxy Resin will also discolour over time and may need to be replaced. Keeping it in a dark pack in a refrigerator will slow the darkening.

The wood the resin is to be poured into needs to be dry and clean. The inside of the part that is to be filled should be finished to whatever standard the worker wants while ensuring that there is surplus wood, or a "fence" of card or masking tape, above the planned finish line so that the resin can overflow the hole and then be cut back when dry. Coating the inside of the hole with sanding sealer is recommended to reduce the possibilities of air bubbles coming from within the wood. If the inside of the hole needs to be coloured then water-based school poster paint works well providing it is allowed to dry thoroughly.

All sorts of little things can be embedded in the resin. Most can just be placed in the hole before the resin is poured. If it is necessary to glue the item in then use a permanent glue such as superglue or aliphatic resin. Use the glue sparingly as bits that extend beyond the item being glued will be very visible later. Do not use hot melt glue as this may release its hold when the resin warms up while setting.

Items which may hold air pockets need to either be glued in or introduced to the resin in a way that excludes the air. If there is a small air pocket the item may initially stay down in the resin but when the resin warms while setting the air will expand and the item may rise like a hot air balloon.

Mix the exact proportions of one part hardener poured into four parts resin. Make a stirrer from a smooth round piece of wood. Stir gently so as not to introduce air bubbles to the mix. Stir for at least three minutes and watch for the swirls in the mix to go away. Do not mix too large a quantity as larger quantities gain heat and begin their chemical reactions quicker than small quantities. The chemical reaction in the mix produces heat which may melt a plastic container and allow the mix to flow to unwanted places.

Once thoroughly stirred, pour the mix smoothly to fill the prepared space. Check after a few minutes and top-up as some mix may have flowed into hidden spaces. If there

are air bubbles stopped part way up the mix then pass a hot gas torch quickly over the mix to slightly warm and raise the bubbles. Leave to set for at least 24 hours.

Cut back the surplus hard-set resin, and surrounding wood, with a chisel and sandpaper to the desired shape. Finish by going through the sandpaper grades to 2000 grit. Then rub the resin with Brasso. Then, if you have some, rub with the 3M product "Finesse-it II".

Using epoxies for filling

from Bryan Peryer

While it is nice to have a piece of wood for turning which is free of flaws, it is often possible to make use of blocks with flaws by filling the flaw. Of course you may just leave it in its raw state and this can result in a very attractive finished article. But sometimes there may be danger of the piece flying to bits and bonding the crack or hole may be a wise decision.

Fine cracks are best filled with a low viscosity superglue which will penetrate deep into the crack but these glues are not suitable for large defects. Large flaws are best filled with an epoxy adhesive which has excellent bonding to wood and very low shrinkage as it cures. Epoxies are slow to cure but usually after a day will be hard enough to work with.

There is much to learn about using epoxies but in this article I want to concentrate on a simple method of mixing small quantities of epoxies. This adhesive requires the mixing of two components, typically in a 4 to 1 ratio and getting an accurate mix in small quantities creates difficulties.

Very small quantities of a few drops can be successfully mixed by measuring out the components drop by drop. With the International Epiglas HT9000 which I use, the hardener is low viscosity and will readily drip off a small pallet knife so you can count the drops as they fall. But there is a problem with the resin which is much higher viscosity and tends to string when an attempt is made to let it drip off the knife. I solve this problem by dipping the pallet knife into the resin, holding it horizontal and gently blowing on it with the hot air gun to reduce its viscosity which in turn enables discrete drops to form. A drop of resin is near enough to the same volume as a drop of hardener so all that is required is to count out the required number of drops of each component.

In a test I found that one drop of either component came out at about 0.045 of a cc or 22 drops to a cc.

For larger quantities I have found small parallel sided flat bottomed plastic bottles with a diameter of 28mm are very useful. I use an old flexible steel tape as a graduated dip stick so that the volume of each component can be measured as they are poured into the bottle.

Accurate measurement of the components is desirable to achieve optimum physical properties. In a test mix with HT9000 at 2/1, 4/1 and 6/1 resin to hardener, the 2/1 ratio cured slightly faster than the 4/1 with the 6/1 taking much longer. After 24 hours at 25°C the 2/1 and 4/1 ratios cured to a hard sandable state but the 6/1 as still too soft to work.

And remember, thorough mixing is most important.

Club Night 25 August 2004. Captive Rings

Many lathes, many turners, many tools. Tools being tested. Wood being tried. People testing tools. Tools testing people. Rings aplenty – both good and broken. Some broken – oh dear. Some broken – see how it is inside. Some broken – now there is room for another.



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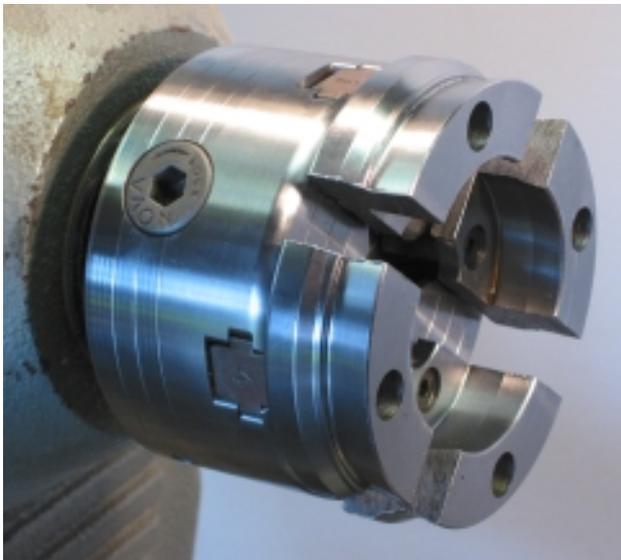
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Club Night 1 September 2004. Teknatool and Woodcut Products

Ian Fish brought a fine array of Teknatool and Woodcut products to show and sell to club members.

At all times and all places there are things which are new to some people in the audience so lively discussion flowed.

Of interest to me were the new Supernova2 chuck, 75mm jaws, long nose jaws. All are shown below but I hope to write more in the future.



South Auckland Woodturners Guild Book List

1a	The Portable Router	R J de Christoford
2a	The Woodturners Bible	Percy W Brandford
3a	Guide To Woodturning Tools Equipment	John Sainsbury
4a	The Woodturners Companion	Reg Sherwin
5a	Pleasure and Profit from Woodturning	Reg Sherwin
6a	Woodturning Techniques	G M C Publications
7a	Colouring Techniques for Woodturners	Jan Sanders
8a	Multi Centre Woodturning	Ray Hopper
9a	Adventures in Woodturning	David Springett
10a	Woodturning Wizardry	David Springett
11a	New Zealand Timbers	N G Clifton
12a	Woodturning in New Zealand	Brian Massey
13a	Woodworkers Annual, Vol 78	V J Taylor
14a	Woodworkers Annual, Vol 80	V J Taylor
15a	Woodturning Foundation Course	Keith Rowley
16a	Shapes for Woodturners	David Weldon
17a	Woodturning Projects	Keith Rowley
18a	Spindle Turning	G M C Publications
19a	Make Money from Woodturning	Anne & Bob Phillips
20a	The Art of the Lathe	Patrick Spielman
21a	Lathe and Turning Techniques	Best of Fine Woodworking
22a	What Wood is That	Herbert L Edlin
23a	Faceplate Turning	G M C Publications
24a	Bert Marsh Woodturner	G M C Publications
25a	Practical Tips for Woodturners	G M C Publications
26a	Useful Woodturning Projects	G M C Publications
27a	Bert Jones further Notes from the Turning Shop	Bert Jones
28a	Understanding Woodturning	Anne and Bob Phillips
29a	Practical Tips for Turners and Carvers	G M C Publications
30a	Tips from the Turning Shop	Bill Jones
31a	Black and Dekker Router Craft	George R Drake
32a	Small Exciting Woodturning Projects	James A Jacobsen
33a	Turning Wood	Richard Raffan
34a	Turning Wooden Toys	Terry Lawrence
35a	Useful Turning Techniques for Woodturners	G M C Publications
36a	The Craftsman Woodturner	Peter Child
37a	Intermediate Woodturning Projects	G M C Publications
38a	Essential Tips for Woodturners	G M C Publications
39a	Fun at the Lathe	R C Bell
40a	Clockworks	Juliet Bawden
41a	Classic Clocks	Raymond Haigh
42a	Turning for Furniture	Ernie Conover
43a	Woodturning for Cabinetmakers	Michael Dunbar
44a	Fine Woodworking on Spindle Turning	Taunton Press
45a	Fine Woodworking on Faceplate Turning	Taunton Press
46a	The Art of the Router	Patrick Spielman
47a	A Beginners Guide to Woodturning	George Flavell (Sawg)
48a	Woodworking with the Router	Bill Hylton & Fred Matrack
49a	Woodturning an individual Approach	Dave Regester
50a	Carving on Woodturning	Chris Pye
51a	Woodturning Projects and Techniques	Sunshine Books
52a	The Art of Turning Wood Bowls	Edward Jacobsen
53a	The Manual of Woodturning	Gordon Stokes
54a	Woodturning Jewellery	Hilary Bowen
55a	Decorating Techniques for Woodturners	Hilary Bowen
56a	Illustrated Woodturning Techniques	John Hunnex
57a	Turning Miniatures in Wood	John Sainsbury
58a	Woodturning A Fresh Approach	Robert Chapman
59a	Turning Boxes with	Richard Raffan

60a	The Fine Art of Smallscale Woodturning	William R Duce
61a	Turning Green Wood	Michael O'Donnell
62a	Mastering the Craft Business	Ann & Bob Phillips
63a	Understanding Woodturning	Ann & Bob Phillips
64a	Turning Pens & Pencils	Kip Christensen & Rex Burningham
65a	Turned Bowl Design	Richard Raffan
66a	Woodturning A source book of shapes	John Hunnex
67a	Making screw threads in wood	Fred Holder
68a	Turned boxes, 50 designs	Chris Stott
69	The Complete Backyard Book	Ed Goodman & Finch
70	The Houseplant Survival Manual	William Davidson
71	The Complete Guide to Sharpening	Tony Boase
72	Small and Unusual Woodturning Projects	James A. Jacobson
73	Woodturning Masterclass	Tony Boase
74	Beneath the Bark	Dale Nish
75	Decorating Turned Wood	L & M O'Donnell
76	Workholding on the Lathe	Fred Holder
77	Contemporary Turned Wood	Peters/Wallace
78	Turning Green Wood	M O'Donnell
79	Masterful Woodturning	Gary Roberts
80	Turning Wood	Richard Raffan

Participation 2004, Oh what a weekend from Rex Haslip

42 turners, (a little down on numbers this year), and 37 lathes. Not a bad ratio. Add a level of friendship only known in the turning community, some great food, bad weather so everyone stayed at their lathes, and it was the perfect recipe for success.

Loading in lathes and setting up Friday night meant that we got off to a flying start Saturday morning, so good in fact that the official welcome was held over to morning tea when we had a good reason to drag people away from their craft work. Turners of all levels of experience shared ideas, provided support, and learnt, the key aspect of this weekend.

Modelled on the Down Under Turnaround held annually at Phillip Island Australia and the Turangi turning Jamboree held annually at Turangi New Zealand, this scaled down

version provides a unique experience for turners in and around the Auckland area. We are very fortunate to be supported by some excellent sponsors, and a great round of thanks must go out to (in no particular order) Vivian Timbers, Treeworkx Limited, Organoil, Mitre 10 Papakura, Work Store New Zealand, Motor Technologies, Mac Duane, and of course Doug Tanner from Tanner Engineering, who has since its inception, made his premises available for us to use.

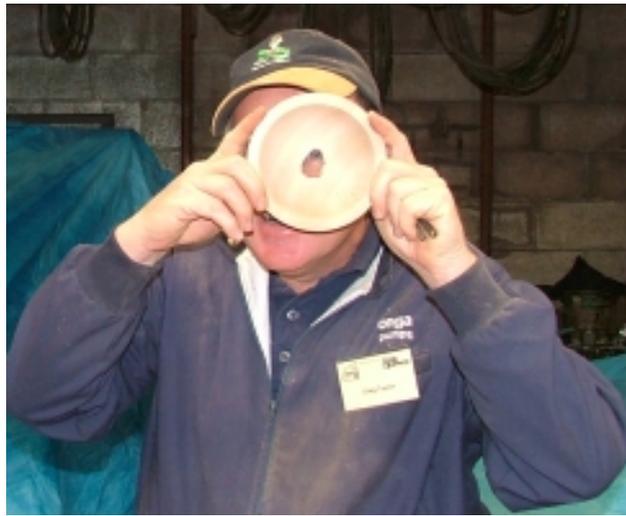
So what did we get up to. Well, there was the normal "project" this time a small bowl which the guild will fill with lollies and donate to charity at Christmas, there was the "two person on the lathe at the same time egg cup race" (see the photo), there was pen turning demos, and tons of one on one tuition, as new and old alike shared techniques and experiences.

Words don't really do it justice, take a stroll through the photographs on www.sawg.org.nz and perhaps next year, we will see you at Participation 2005



Oooooops!

He had a photographic memory that was never developed.



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