



The Turning Point

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The next meeting of the Nova Woodturners' Guild is at

Lee Valley Tools

100 Susie Lake Crescent, Halifax, N.S.

NOTE DATE: February 25, 2019. 6:15 p.m.

The next meeting will feature

Finishing Well: Finishes and Sanding

Richard Ford

Last year's winners: Bring back your trophies!

The President's Message February 2019**Gary Landry**

We had our first brush with bad winter weather for this year on the day before, and the day of, our January meeting. For various reasons it is always a problem to decide to cancel a meeting or not, not the least of which is the variation in weather effects on the roads from disparate places such as the Valley, the South Shore, Antigonish County, Halifax County and Moncton. The final decision was to hold the meeting because the Halifax area was showing little difficulty with road conditions and the highways were showing 'bare' conditions up to the NB border. However, our message to members left it to each member to act based on each one's particular situation and cautioned that only individuals can ensure their safety through the use of good sense. Expect this always to be the guiding principle applied to these situations.

I would advise each member to read carefully the notes from our January meeting to get all the information on timing related to the 2019 Annual Turning Competition. Also, please refer to the rules, guidelines and entry forms on our website under the "Documents" header for all the formal information needed for participation. Should you wish to help Dave McLachlan (Events/Competition Chair) with any or all of the set-up day, the judging day and the awards ceremony I am sure he would appreciate the offer. Speak to him via email or at our February meeting.

Our new video camera was used to record Dave McLachlan's presentation on his segmentation jig at our last meeting. In the near future this presentation will be available to check out of the library (see Richard Ford) as a refresher for those who were present and a resource for those who could not make it.

Finally, a reminder that February's meeting is now being held on **February 25th**, instead of the 18th because of the provincial holiday.

Keep turning and stay safe.

Gary Landry

Bring back your trophies!

In preparation for this year's Annual NWG Woodturner's Competition we need to get trophies returned. We would like all of last year's winners to return their trophies at the February Guild meeting. If you are unable to attend the meeting please return them at the March meeting at the very latest. Please pack the trophy in its original plastic shipping box with appropriate packing material to prevent damage to the trophy. Some of the trophies are extremely fragile so please handle them with care.

I would like to thank all of last year's trophy winners in advance for their diligence in getting the trophies back to the Guild for this year's competition.

Sincerely,

David McLachlan

Meeting Notes

January 21, 2018

Calum Ewing

President **Gary Landry** Opened the meeting at 6:45 pm; with 32 members and 4 visitors present

Visitors: **Ted Soper** has been turning for a while and has been encouraged by **George LaFontaine** to come out and check out the Guild.

Chris Pennell has recently moved from Newfoundland and has been turning for a number of years. He was a member of the Avalon Woodturners Guild before coming to Nova Scotia.

Mark _____ (didn't catch the last name!) is new to turning and acquired his first lathe just three weeks ago.

Charlene Edis joined the meeting with spouse **Trevor** to take in the presentation.

Welcome All!



Announcements:

- **Gordon Marshall** was contacted by a gentleman in Chester that has a number of birch burls for sale that all came from one tree taken down. Anyone interested should contact:
Christopher Rafuse; crafuse2000@gmail.com (902) 521 0325
- **Zalman Amit** has a new show currently on at the Craig Gallery in Dartmouth (Alderney Gate). The Show, *Beyond Negative Space*, runs until Feb 2nd and the gallery is open Tues-Fri noon-5:30; Sat 9am-5:00; Sun 11:00am-3:00pm; closed Monday.
- Members **Bill Maes** and **Dr. Andrew Watson** are both still recovering from medical issues and we wish them a speedy recovery.
- The Guild has received the newly purchased video camera (in use tonight) and we can now record demos or other activities for later review. We had allotted \$400 for this purchase, but were able to get the desired camera for under \$300 including the taxes.
- A former member has donated some dyed maple burl pen blanks and these will be provided as prizes for the monthly raffles.
- Name tags are available for those who have joined recently and not received a name tag. **Gary Landry** reviewed the list of those whose name tags are ready. Anyone who has not received a name tag should see **Brian Larter** or Gary to get one made up.

- Annual Turning Competitions: Lee Valley is again hosting the annual turning competition as part of their *Celebration of Turning*. Dates have been set for this year's competition as follows:
 - Entries can be *dropped off* starting at the March Guild meeting (March 18th). The deadline for entry drop-off is **6 pm March 23rd** at the Lee Valley Store
 - *Awards will be presented* April 13th starting at 1:00 pm in the Seminar Room at Lee Valley

Rules, guidelines and entry forms are all available on the Guild website.

The “2x2” Challenge Results

This year the Guild set a design challenge for members to engage their creative and interpretive efforts. The challenge was “2 x 2” or “Two by Two” and how turners interpreted that was entirely up to them. The results and interpretations were as diverse as the membership:



Gary Landry showed off two French-style rolling pins, each made of two species (Walnut and Poplar).

Harold McLellan presented a candle holder designed in a bowl concept. Titled, “*Two Wrongs Do Make a Right*”, the piece incorporated 2 species of wood (Maple and Cherry). Two mistakes made during the creation were corrected, providing ‘design opportunities’ resulting in the finished design.



Don Moore started with a 2” x 2” turning blank and created an eccentric lidded box in Maple, using an eccentric chuck.

Glenn McCarron showed off three *Bravery Beads* boxes. (okay, it started out as two for the 2x2 challenge, but he got carried away). The boxes were made with staved construction using various species from left-overs from other projects. Each has sides made of twelve staves (and that’s divisible by 2 !)



Brian Sharp took the approach “ $2 \times 2 = 4$ ” and made a tall four-sided tapered box. The four tapered sides proved more challenging than he anticipated.



John Ashton started with a 2x2 blank and created an icicle ornament with a hollowed sphere. It was done in Maple with brass accent pieces.



Jim Diamond presented a DIY remote starter for his dust collector and other machinery. It is based on a radio receiver (at a cost of less than \$9) with four relays (2 x 2 = 4) so could handle four different tasks.



Norm Jolivet began with a 2" x 2" Maple blank and created two small pill boxes with lids.

boxes with lids.

Main Presentation: Jigs for Segmented Turning – David McLachlan



Dave provided a detailed presentation on the features and use of the jig he had made to assist with assembling open segmented turnings. “Open” segmented refers to pieces assembled so there are gaps or spaces between the wood segments.

Spacing can be varied as you like but it tends to look best if all the spaces are equal around each ‘ring’ of a segmented form. This jig greatly assists in getting the spacing of segments correct.

While building the jig, Dave received a lot of useful advice from Glenn McCarron and recommends talking to Glenn or Gordon Marshall – both greatly experienced segmented turners - if you need advice with this type of turning.

This jig uses a precise indexing wheel that was fabricated in acrylic by Trevor Edis using his CNC equipment.

For the plans for this jig and other useful information, see the following helpful websites:

- www.segeasy.com
- www.woodturnerpro.com
- www.segmentedturning.org

It took Dave about a week to build the jig after a few weeks of planning and experimenting with different methods.

The jig is based on an indexing wheel mounted horizontally with adjustable arms above it that act as a registration surface to place wood wedges against when gluing up rings for an open segmented piece.

The indexing wheel is mounted on a plywood base using a large diameter cast aluminum ‘lazy Susan’ bearing. The cast aluminum bearings are nice and accurate with little play, and provide a smooth running action.



The lazy Susan bearing must be exactly centered on the indexing plate to ensure accurate placement of the wood wedges.

Dave used aluminum channel for the adjustable jig arms (from www.banggood.com). These give much better rigidity and accuracy for placing the wood wedges. He had a machinist machine the ends at exactly 90 degrees to ensure accurate fitting. The channel has holes through it that can be easily tapped to accept 6mm bolts for assembly. The base for the vertical arm is ¼ inch aluminum plate.

Once each ring has been assembled

and the glue dried, the ring face (upper surface) must be trued up in order to begin assembling the next ring. This requires removing the piece from the jig, mounting on a lathe chuck and truing the face on the lathe, then returning to the jig to assemble the next ring. The frequent mounting / remounting can lead to alignment errors, throwing off the segment spacing and alignment.

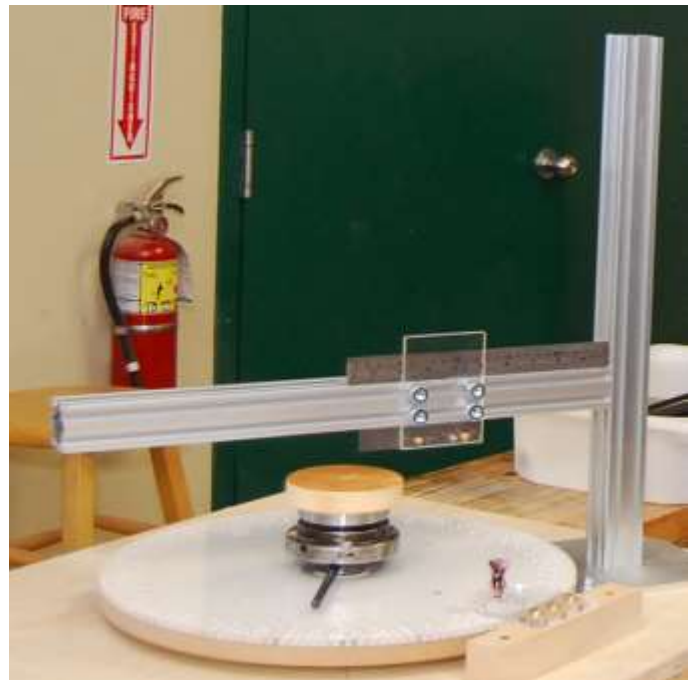
To avoid these errors, Dave mounted a chuck in the indexing wheel so that the piece (blank) being built is held in the same way on the lathe and in the jig, reducing alignment errors. Attaching a faceplate ring with an indexing mark to the base of the piece allows quick and accurate switching between the jig and the lathe.

Once the piece (blank) is completely assembled, you are ready to do the final shaping and finishing.

Some General Tips for Open Segmented Turning

Open segmented rings are very fragile, especially when they are not supported by rings or solid wood above them. When shaping open segmented rings, you need:

- High lathe speed
- Sharp tools
- A steady hand
- A light touch



The first few rows should be shaped using sandpaper, rather than cutting tools as they will be very brittle

Use very good quality glue that has a quick drying time to avoid problems. Titebond II and Titebond III are popular choices for segmented turners. Apply glue sparingly only to the mating surfaces to avoid glue squeezing out into the gaps between segments.

Tiny errors in segment placement will be very hard to see in the finished piece – so don't worry too much.

Show & Tell

David McLachlan showed off the new carbon-fibre tool handles he has been developing. They are double ended and available bored for common tool shank diameters. Dave plans to make collets available for a wide range of tool diameters. Handles are available in standard (16 inch) and short (12 inch) lengths.

Don Moore showed off a nice sculptural turned and carved in Red Maple. After carving the wood was bleached with hydrogen peroxide. Don used 'Pledge' floor finish to harden the wood and allow thinner carving.



Harold McLellan presented:

- A bowl in Birch Burl with some attractive spalting;
- A bowl in figured Birch;
- A threaded lid with a finial for a mason jar for use as a storage container.



George LaFontaine showed off 6 bird house ornaments in various woods including Maple, Walnut and Red Palm. Each had tiny turned birds at the entrance, some decorated with pyrography.

Gary Landry presented 6 Honey dippers in Maple. Gary has been trying different styles and designs to find a pleasing and effective profile.



Don Shubaly was inspired by the November presentation by Steven Kennard and presented:

- A Walnut box with a Cherry Burl liner;
- A Lined cup in Walnut and Cherry;
- A Walnut box with Cherry liner in the box and the lid.

Shawna Mitchell showed off a bowl in Indian Marblewood. The bowl has lots of spalting with interesting insect damage patterns in the interior.



Raffle Results – **Glenn McCarron** won a dyed pen blank; **George LaFontaine** took home a book and a pen blank; **Darrell Eisner** won a pen blank and **Harold McLellan** took home another book for his library.

The meeting wrapped up at 8:40pm

Library Report

Richard Ford

ISSUE DATE	NAME	ID #	Description
June 2018	Calum Ewing		Sorby spiralling tool
Oct 2018	Peter Nicholl		Woodturning Aug 2017
Oct 2018	Peter Nicholl		Woodturning Nov 2017
Oct 2018	Peter Nicholl		Woodturning Dec 2017
Oct 2018	Peter Nicholl		JAAW Oct 2017
Nov 2018	Harold McLellan	065VP	Woodturning: A Foundation Course - Rowley

From members

Six “Bravery Bead Boxes” created by Gordon Marshall.



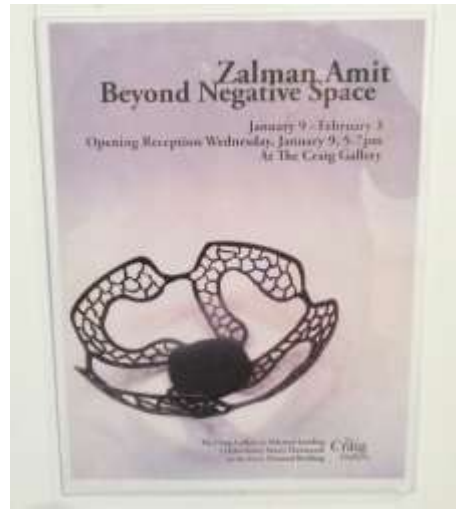
New video links from Richard Ford – NWG on Youtube

At the January meeting we recorded David's Presentation, the Show and Tell & the 2 X 2 Club Challenge with our new Video Camera. These 3 videos have been posted to the New NWG Youtube Channel

If you want to view them Log on to our NWG site: <http://www.novawoodturnersguild.com/media.php>

and go either to the **Events** or **Media** page by clicking on the tab along the top. At the top of either of these pages is a link to the NWG Youtube channel. We plan on creating a history of Club Presentations etc. for your future enjoyment & reference.

Zalman Amit show at the Craig Gallery – photos submitted by Don Moore





Calendar of Events

Date	Subject	Location
September 17, 2018	Financial statement Review Lathe & Workshop Setup & Maintenance Bill Luther	Lee Valley Tools, 100 Susie Lake Crescent
October 15, 2018	Sharpening Turning Tools, Steven Zwerling	Lee Valley Tools, 100 Susie Lake Crescent
November 19, 2018	Fitting Boxes: Lids & Liners Steven Kennard	Lee Valley Tools, 100 Susie Lake Crescent
December 10, 2018	Christmas Social	Halifax Specialty Hardwoods, 112 Bluewater Rd. Bedford
January 21, 2019	"2x2" challenge due Jigs for Segmented Turning Dave McLachlan	Lee Valley Tools, 100 Susie Lake Crescent
NOTE DATE!!! February 25, 2019	Finishing Well: Finishes and Sanding Richard Ford	Lee Valley Tools, 100 Susie Lake Crescent
March 18, 2019	Jigs, Fixtures, Hacks & Tips TBA	Lee Valley Tools, 100 Susie Lake Crescent
April 13, 2018	Awards Day Lee Valley	Lee Valley Tools, 100 Susie Lake Crescent
April 15, 2019	Software for Turners Steven Parsons / Gordon Marshall Show & tell – competition pieces	Lee Valley Tools, 100 Susie Lake Crescent
May 13, 2019	Bandsaw Epoxy Inlays Dianne Looker	Lee Valley Tools, 100 Susie Lake Crescent
June 17, 2019	AGM	Lee Valley Tools, 100 Susie Lake Crescent

Nova Woodturners' Guild – 2017/18 Executive

Our e-mail now reflects a more consistent method of communicating with the various officers in the Nova Woodturners' Guild. The recipients will change as the need arises but a note sent to the president will go to whomever is president at that time. All the following addresses should be followed by @novawoodturnersguild.com to send mail to that person

Position <address>@novawoodturnersguild.com Name Chairperson

ADDRESS

Executive executive (sends the message to all positions on the list)

President	president	Gary Landry	
Vice President	vice-president	Bill Maes	
Secretary	secretary	Calum Ewing	
Treasurer	treasurer	Dave McLachlan	

Members at Large	members-at-large	Bill Luther	
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Committees

Library	library	Jim Diamond	C
		Richard Ford	

Website	webmaster	Richard Ford	C
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Membership & Promotion	membership-chair	Brian Larter	C
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Newsletter	newsletter	Dianne Looker	C
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Competition		Dave McLachlan	C
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Guild Photographer		Chris Palmer	
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Fund Raising		Norm Jolivet (Raffles) Yogi Gutz	
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Nominating		Bill Maes	C
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