

METRO DETROIT METALWORKING CLUB			MARCH '06		
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PRESIDENT'S MESSAGE

I want to announce that the 2nd annual CNC Workshop is taking reservations. Pick Chownyk and I were at the last one, and we are going again. Its May 15-21 in Galesburg, Illinois. 30 people are already registered and its thought that perhaps 300 will sign up. Stay for a few days or the whole week. Its not like NAMES, it all CNC all the time and several starts of the CNC hobby community will be attending. It was great fun last time and should be again. More details and loads of pictures are available at www.cnc-workshop.com.

MINUTES

There were 19 members and one guest attending, John O and Emil C. presiding. John Mentioned dues and several people paid up. We went right to Show & Tells after that.

Do you want to use the college's metal shop?

Dennis Tucker (a new member as of last month) announced last meeting that he is taking a class at the college called Machine Tool Theory. Dick Marino is the instructor and Dennis talks to him every week. Dick would be very interested in starting a hobby club in metalworking. Those in the club would have access to the metal shop and there would be no charge. We could meet on a weekly or monthly basis, or whenever the members wanted. Interested people should contact Dennis at

He will let Dick [know how many are interested](#) and will let everyone know if there are enough people to get started at the next meeting.



Karl Gross deserves the front page of this newsletter. He brought in his versatile dividing head again, but we are glad to see it every time. This time it was in a box he built of good old American Walnut with spots for all the accessories. The head is capable of direct, simple and angular indexing. It is a Hemmingway kit out of the U.K. He bought it at the 2004 NAMES show and worked on it for 1.5 winters. Very nice work. It looks too good to use, but use it or just look at it, it doesn't matter because tools are self-justifying. At least to this crowd they are.



John Lee brought in the receiver to a Krag rifle and the wrench nut he made to hold while installed a barrel. You see, that receiver is a mess of tapers, compound angles and milled out sections that make it very hard to hold. The nut is the piece on the left. John got the idea from the book "The Modern Gunsmith" by Jamee V. Howe, Volume II page 171, illustration #87.



Emil Cafarelli again brought in his gadget for turning tapers without changing the tailstock. Apparently, many club members will work hard to leave the tailstock right on the centreline.



Joe Pietsch brought Q-tips for everybody. I'm not sure why, but they were appreciated.

Below is the email I got from the Home Shop Machinist about their new magazine.

This year we are breaking new ground and will publish a new special issue called *The Digital Machinist* which will be devoted to the CNC Digital Machinist. Our goal is to provide digital machining ranging from one-off hobby items to small production runs of cottage industry. [Digital machining defined as; use of robotic devices, power drives, electronic positioning systems, tool control and optical input devices]

The preliminary list of articles for the **premier** issue so far include: Build a New Controller For Your Mini-Lathe or Mill, Program in Basic - Gear Cales Made Easy, Electromechanical Stepper Motor Controller, Making Model Engine Flywheels with CNC, CNC programming with G-Codes, Working with G-Codes, Retrofit a Compact 5 CNC Lathe, What is CNC Ready? Building Lil' Al (mini-robot) and Rapid Prototyping in Foam.

****This issue will mail to all our subscribers of both *Home Shop Machinist* and *Machinist's Workshop* (100,000 subscribers total) in April and will also be mailed again in September (same insides, same advertising but a different cover which means you place one ad only but this publication mails out twice in 2006 @ 2 different audiences @ 2 different times) to a new audience: all subscribers of Nuts and Volts, Servo, Flyer RC and Robot magazines (45,000) as our promotion to unveil it and promote as our new quarterly Digital Machinist publication in 2007.**



Rick Chownyk does not always enjoy the best of luck. These pictures show Rick's new acquisition, which made it back from Chicago, but fell over in the mud of his back yard. Nothing was damaged and the machine is now in his garage with the help of a tow truck that nicked it up and placed it in a few minutes