

METRO DETROIT METALWORKING CLUB				MAY '07	
Beginning balance	\$397.96	President	John Osborne		
2006 dues income		V. President	Emil Cafarelli		
Non-dues income		Treasurer	Ken Hunt		
New balance	\$397.96	Editor/Librarian	James Howard		
Expenses	-\$0.00	Publisher	John Lee		
Total on deposit	\$506.96	Webmaster	Dan Hittenmark		
DUES: \$10/yr. check to MDMC c/o Ken Hunt,			Macomb Community College 14500 E 12 Mile Rd, Warren, MI Room T-142 (parking off Martin Rd East of Bunert Rd Next meeting: APR 9, 2007 (2nd Wed of every month)		

PRESIDENT'S MESSAGE It looks like I missed "Model engine night" at the last meeting, and pizza.

I thank all of you who ran the meeting in my absence. **Emil Cafarelli** was reported as "running the meeting with his usual aplomb." **James Howard** took the minutes and wrote them up for me for the first time. Brian Lawson took pictures and emailed them to me, as well as jotting down some notes. Emil also took pictures and managed to email them to me. Again, thanks, well done.

MINUTES Club Vice President **Emil Cafarelli** opened the meeting a bit after 7:30PM, filling in for the absent Club President, John Osborne. He indicated the cash balance for the club was \$506.96.

Mr. Cafarelli called for show and tell, resulting in the presentation of several model engines.

Don Foren indicated that he had equipment capability to convert DVD discs to VCR tapes and vice-versa, which requires add-on programming. He offered to help anyone interested in such conversion. He indicated that he had DVD discs of training films on several machine shop subjects, including lathe, milling machine and gear cutting operation. He also mentioned that smartflick.com was a source of excellent DVD discs on machining functions of all kinds.

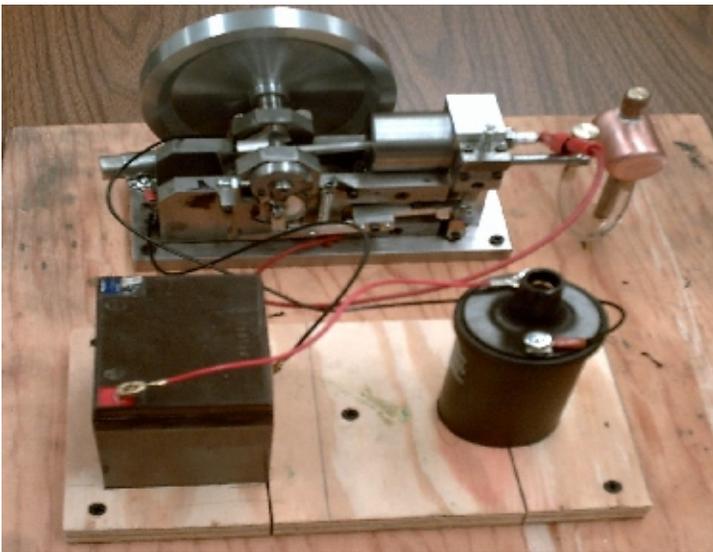
James Howard offered his home for a summer meeting, to include any wives interested, similar to the one held there last summer. He requested any offer from the membership to present a simple form of metal casting demonstration which would be of interest to the membership. Werner Stolz indicated and others confirmed that the process was simply too complicated to be completed successfully in one evening. Mr. Howard then offered to locate and hire a skilled potter to provide a demonstration of pottery techniques, using his own and auxiliary equipment. Pending any other proposal, this will be the direction for that summer meeting.



Here is a face we have missed at the club for a while. **Brian Lawson** is back and looking to be in good spirits. I guess you guys had a party when I was gone.



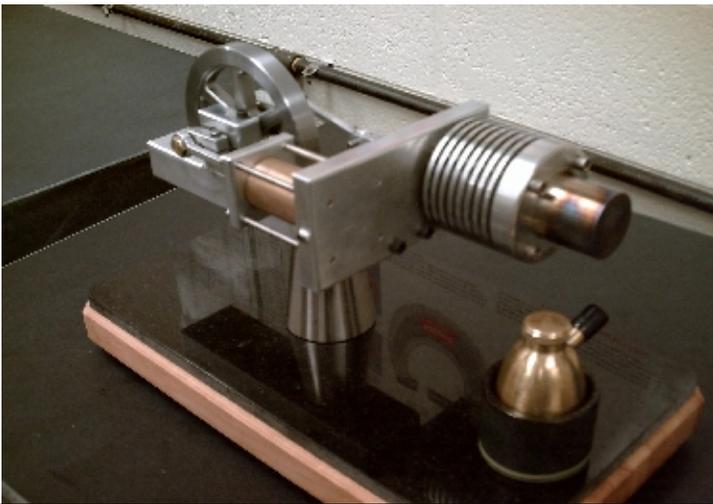
Emil Cafarelli demonstrated a guide bushing assembly for a bandsaw which substitutes mounted roller bearings for the usual rubbing bars in the blade guide system. He indicated that it was extremely effective as the upper and lower guides for a 0.75" bandsaw blade used in deep cuts, such as those of thickness reduction cuts in wide boards. He developed the assembly from an article in the August 2000 American Woodworker magazine. He offered the article for any person wishing to copy it.



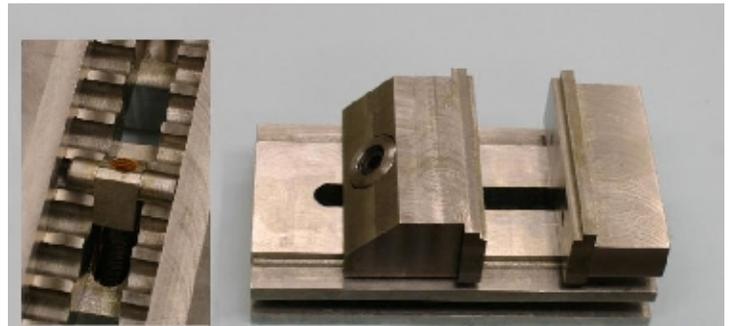
Brian Lawson demonstrated a model Sterling Engine he built by using, as a model, another engine purchased at auction by his brother, and modified for improved performance.



James Hagle demonstrated a small air engine he developed from a similar steam engine purchased at a garage sale. He made at the M.C. College classes he took there.



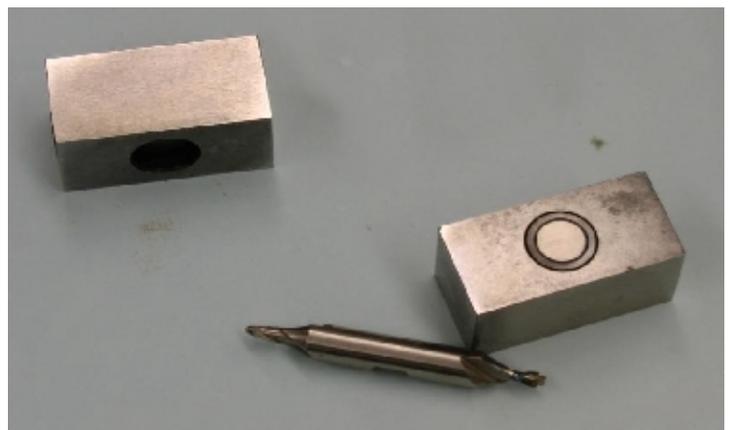
Adam Hermann demonstrated a model Sterling Engine he developed from an article in the October/November 2006 issue of Home Shop Machinist.



Werner Stolz did a return engagement with his precision vice, showing the unique method of step adjustment instead of the more common pin-remove-and-relocate type.



Joe Pietsch demonstrated a \$7 ship's wheel, a great piece, incidentally, which he uses as the operating wheel to raise and lower his drill press quill. It performs that function perfectly and elegantly.



Jim Howard had a few items from an auction that he asked the guys to help him identify. The 3/16 end-mill has a flute that is stepped and the two ground pieces have re-locatable magnets.