

**Joint Convention of
Midwest Watch
and Clockmakers Association
and
MN Clockmaker's Guild**

Annual Convention

May 3-5, 2013



Eighty-seventh Anniversary

***Preconvention talk at
Hopkins high school
2400 Lindbergh Drive, Hopkins, MN
May 4th
7pm***

2013 Joint Convention Registration Form

NAME _____

Guest name attending _____

Horological Affiliation _____

Member # _____

Email address _____

Full Time _____ Part Time _____ Student _____

Registration Fees Schedule

MWCA Member or Minnesota Clockmakers Guild is required.

*FEE Friday \$10 at the door
Saturday \$45 if pre-registered (by April 30th) / \$55 at the door
Sunday is \$50
Non-members pay Association dues of \$35 & registration fees for
a total of \$75 if pre-registered/\$85 at the door*

Buffet luncheon is included in registration. Spouse or guest of convention participant not involved in conference will pay additional \$20 for lunch.

Pre-registration is requested to get a correct luncheon head count.
Luncheon seating may not be possible for late or same day registration.

Total enclosed for convention \$ Total enclosed for MWCA Dues \$

Total enclosed \$

****OR****

Total enclosed for convention \$ Total enclosed for Guild Dues \$

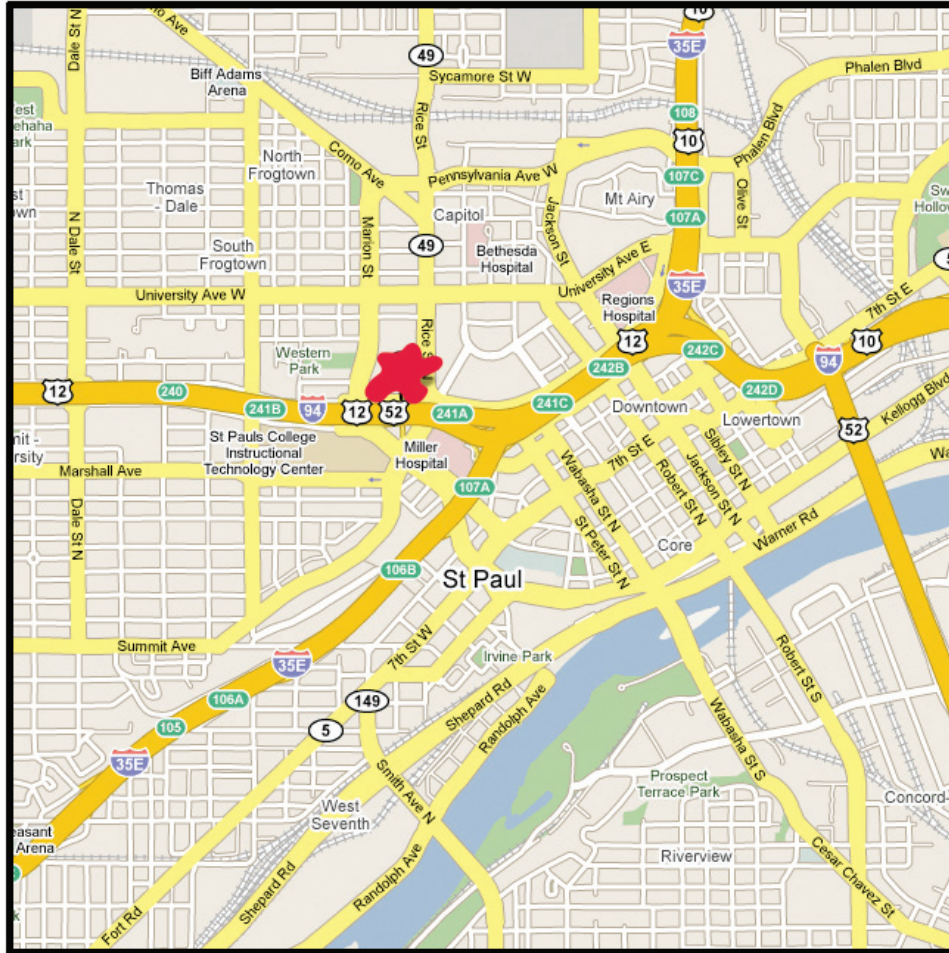
Total enclosed \$

Make checks payable to MWCA and mail to:

MWCA, Wes Cutter

1169 Veronica Lane

Mendota Heights, MN 55118



Your 87th Anniversary
Convention will be held at:

The Kelly Inn
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Please use MWCA or Wes Cutter for the discount rate at
Kelly Inn.

**Midwest Watch & Clockmakers Association
and the MN Clockmaker's Guild**

87th Annual Convention Schedule

Friday, May 3rd, 2013

Friday 7:00-9:00pm at Hopkins H. S. talk is about Robotic Surrogate,
Humanoid Space Robot

Saturday 9:00-9:45am - Diane Clendening (glass replacement –repair)
10:00-10:45am - Omega Coaxial Escapement
(Chase and Thompson)
11:00-11:45am – Microset clock and watch timer Demo
(Wood and Cutter)

Lunch and Program by Joyce Paxton “Conversations of our future”

1:30- 3:00pm – Richard Cox (Astronomical regulator)
3:15-5:00 – Mark Rosheim (DaVinci cart)
6:15 ish – auction

Sunday 8:00 -2:00 Workshop on hand repair, dial silvering

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for a Successful Convention!***

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Here we are one year closer to the Future. How much time do we all spend thinking of our future? Enough? Too much? We can not change the past, But we might be able to affect the future. The future of Horology in some way needs ALL of us. Have you ever had some one exclaim that “GEE you guys are a dying profession” “We had a hard time finding someone to fix our Clock/watch”?

Have you thought of how you individually can affect the future of Horology? The future is a bit like the “Reality” tv program Survivor. We are all playing a game that our life’s and future income earnings rely on how well WE play the game. Professional organizations like AWCI, MWCA, Mn Clockmakers Guild, NAWCC, OTL. can and do help us all in some way. Even if we are not active members in any or all of the groups: They do affect our life’s and income earning potential.

Attending these local conventions help each of us. Individually we get to rub shoulders with our Friendly competitors. As a group we get stronger and grow.

Can you think of another person that is not a member and might welcome an invitation to join? I can think of a lot of our competitors and comrades that are not here. I would like all of us to personally invite someone to become a member ,that might be helped or can help the profession .

We have lost a few members of our small troupe this year. Some due to mother nature and some thru moving on to another location.

When we take in less work than we get out we run out of work. When we take in less members than move on WE loose

We ALL need to think of how WE can instill the Past sense of craftsmanship and combine the future technologies. Think of your clock and watches as Patients. It is up to ALL of us to recruit and train the future Doctors who will care for our present day patients. Please spend a few moments reflecting on what you can do for future clock and watch owners.

We are all thankful for your attendance for another Annual convention and hope to see you and a friend in the future.

Mark Purdy
President
MWCA

Board of Directors MN Watch and Clockmakers Assoc.



Mark Purdy, CC21
President

Mark Purdy, owner of Blackstone Manor Clock Repair has been a member of the MWCA Board since 2000.

Mark recently passed the AWCI CC21 certification requirements. Blackstone Manor Clock Repair is all that is left of the Kuempel Chime Clock co. They are still able to provide customers with Kuempel type kits and is purchasing Kenninger clock movements directly from Kieninger. The HTU 9 tube is the best seller for Blackstone Manor and the Kuempel kits. Blackstone Manor has moved to a new location on Main St in Hopkins MN. www.BlackstoneManorClockRepair.com .

Wes Cutter, CC21
Secretary

Wes is the owner of Cutter Edge Inc., located in St. Paul, MN. He repairs clocks, watches, jewelry, as well as tutoring math, and working with inventor groups & individuals. Wes is one of three AWCI certified clock repair people in Minnesota and has passed the AWCI CC21 certification requirement. www.cutteredge.com



Board of Directors (continued)

Donn Krueger

Donn is owner of Midwest Watch Repair (a trade shop) located in St. Louis Park. In 1970 Donn apprenticed under Dan MacArthur, Owner of Midwest Watch Repair and after 5 years purchased the business. From 1978-1991 he also operated 4 retail watch stores around the Twin Cities Area. Donn served on the board from 1995 to 2001 and was re-elected to the board again in 2003 and 2006.



Stewart Lelievre

Stew was born in Waltham Massachusetts, where his father learned watch repair at the Waltham Watch factory school. After moving to Minnesota in 1989, he decided to continue the family tradition and completed the watch repair program at St. Paul College in 2005. Stew now repairs pocket watches at his shop - Heirloom Pocket Watch Repair. He has been a board member since 2004.

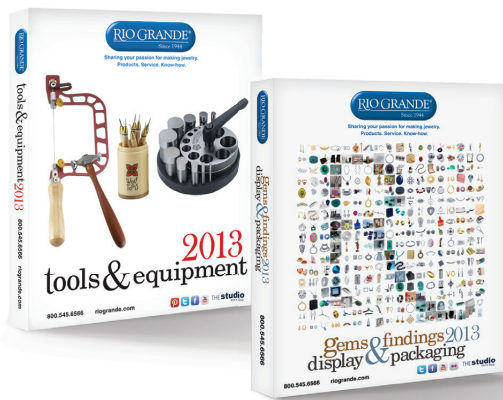


Thomas Chase

Thomas Chase, owner of Chasing Time watch sales and repair, is a graduate of St Paul College Watch Making program. He is WOSTEP and CW21 certified. He has worked as an independent watchmaker for the past 4 years. Previously, he worked for an Authorized Rolex retailer in the Moline, IL.

Mr. Chase recently attended a week long training course on the Co-Axial escapement with Omega at their Training Facility in Secaucus, NY. He has also attended week long courses for ETA Automatics and Chronographs as well as Vintage Chronographs.

Mr. Chase turned his budding watch collecting hobby into his next career as a watch maker after 20 years in the social service and employment counseling field. Mr. Chase is a graduate of the University of Minnesota Morris and attended Graduate school at St. Mary's University studying Health & Human Services Administration.



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President's Corner

Minnesota Clockmakers Guild

On behalf of the Minnesota Clockmakers Guild, we would like to welcome you to the MWCA/Minnesota Clockmakers Guild website!

We sincerely hope that you will come to our convention. It is always a great time to meet others in the profession, get new ideas, and purchase some amazing things that other people got rid of.

Each organization has a wealth of knowledge, and you are encouraged to get involved in one/or both of them. During this past year alone, the guild had programs on the following subjects:

Jigs and fixtures by the membership
How to put teeth and dampers on music box combs by Ralph Schultz
Repivoting by Ron Widenhoefer
Precision measurement by Garth Antila

The guild also sponsored a clock building class using Hermle gears. We met monthly at Paul Engebretson's, and we have started dephing the gears.

Attending the convention will make you a better professional horologist. It will get you out of your shop. You might not agree with Thomas Edison when he said "I owe my success

to the fact that I never had a clock in my workroom", but it will give you a chance to get away from clocks and watches and see if he is right. If Edison was completely right, we would all be rather... unsuccessful...

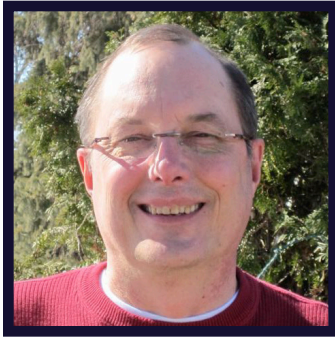
See you at the convention and have a great summer.

Richard Zielike

Board of Directors

Minnesota Clockmakers Guild

President	Richard Zielike
Secretary	Dean Ziegenbein
Treasurer	Al Wenzel

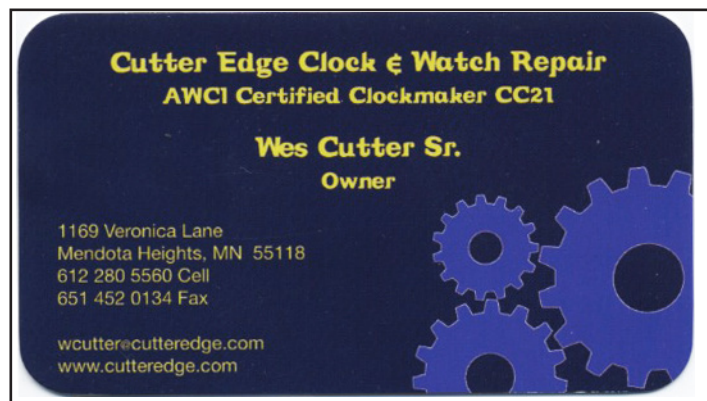
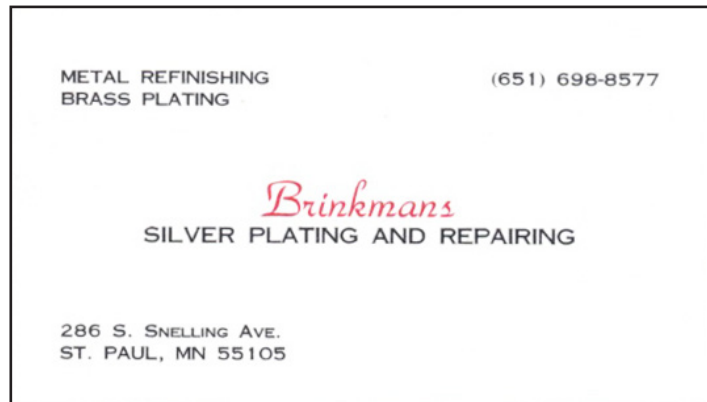
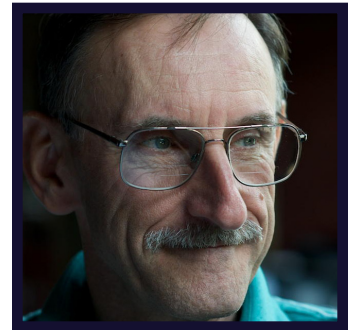


President
Richard Zielike

Richard has been repairing clocks since 1988. Richard is the first to have been elected president of MWCA, Minnesota Clock Guild and the OT Lang chapter of NAWCC.

Secretary
Dean Ziegenbein

He relocated to Minnesota from Wisconsin in 1992 for his job at The Toro Co. where he supervises the Technical Publications Department. He has been an active member of the Minnesota Clockmakers Guild since 1995. He is a hobby clock and watch collector and mainly works on his own clocks. He has a real passion for all types of tools.



About Mark Rosheim

Mark Rosheim attended the University of Minnesota, studying mechanical engineering. He has been employed by Honeywell and Unisys corporation research departments and is the founder and president of Ross-Hime Designs, Inc., a Minneapolis, Minnesota-based mechanical design company. Mark Rosheim is a member of ASME (American Society of Mechanical Engineers).

Ross-Hime Designs has won seven Phase I Small Business Innovation Research (SBIR) and six Phase II SBIR contracts for mechanical motion technology invented by Mr. Rosheim. His wrist design, the “Omni-Wrist,” has been commercialized for spray finishing and sealant application.

Mr. Rosheim is the author of *Robot Wrist Actuators* (Wiley, 1989) and *Robot Evolution: The Development of Anthrobotics* (Wiley, 1994). He holds over 21 patents in robot technology, more than any other American citizen, and has published and lectured extensively around the world on the topic of robot technology and history.

April 15th, 2000 Mr. Rosheim presented his reconstruction of Leonardo’s Programmable Automata for the 40th annual Lettura Vinciana at the Biblioteca Leonardiana in Vinci, Italy as well as the Italian media. He is currently writing a new book entitled *Leonardo’s Lost Robots*.

He has recently completed his most significant mechanical invention to date, the Omni-Wrist III, a revolutionary new mechanical device. Currently, it is being developed for telecommunications, virtual reality rides, and anthrobots.

Mr Rosheim has lectured at several universities including:

Schenectady Museum
Biblioteca Leonardiana, Vinci, Italy
Carnegie Mellon University
Waseda University
University of Nevada, Los Vegas
M.I.T.
NASA Johnson Space Center

Mr. Rosheim is an expert on the magician T. Nelson Downs and has written a new biography for the republication of the latter’s classic *Modern Coin Manipulation* available through Dover Publications, New York. Mr. Rosheim collects rare books related to Leonardo, Edison phonographs and other 19th century technological artifacts.

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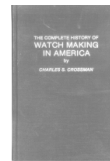
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