



eTool "Chatter"

Society of Manufacturing Engineers

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Remember to contact the editor if you change your email address!

May 1, 2009

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CERTIFICATION & CONTINUING EDUCATION

OPEN

ACADEMIC AND STUDENT DEVELOPMENT

Mike Rasmussen, IBM

May Tour Itinerary

- 6:30 AM Thursday, May 7, 2009 pick up at Heintz Center (old Votec), RCTC, then pick up at Bowman Tool & Manufacturing (old Kmart North) on 37th St.. Park cars on the NW corner of the parking lot there.
- 9:00 AM Tour Cardinal Float Glass Plant at 2200 Stokke Parkway in Menomonie, WI 54751.
- 11:00 AM Lunch in Menomonie, WI.
- 12:30 PM Tour Phillips Plastic Medical Molding Facility at 415 Red Cedar St. in Menomonie, WI 54571.
- 2:00 PM Tour Phillips Metal Injection Molding Facility at 422 Technology Drive in East Menomonie, WI 54751.
- 5:00 PM Approximate time for return.

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* = Certified Manufacturing Engineer

The website has been updated but it is still in transition, as is the Tool Chatter. Keep an eye out for the changes. I would like to hear your suggestions on what you would like to see, and I will take your suggestions into consideration. Thanks!
Bill Brooks, 282-3305 or Founder@RACEMinn.com.

Member Input Needed!

Folks,

The officers would like to change things so that more of you will want to come out, but to be able to do this we need to hear from you. **What will encourage you** to take the time out of your busy schedule to come out to a meeting? Please give any of the officers your suggestions. All suggestions are welcomed!

We could really use more help from our members in suggesting speakers. Mike Rasmussen (or another officer) will gladly follow up with the potential speakers. We just need a name and a phone number to follow up on.

eTool Chatter Problems?

For comments or contributions to the Tool Chatter or problems receiving it or accessing the website, please contact Bill Brooks at 507-282-3305 or Founder@RACEMinn.com.

The May 09 Tour

Websites:	http://www.cardinalcorp.com/ http://www.phillipsplastics.com/ http://www.phillipsplastics.com/capabilities/medical-and-clean-room-molding http://www.phillipsplastics.com/capabilities/metal-injecton-molding
Costs:	The bus costs \$12 per adult and is free to students. We will stop near fast food places in Menomonie, Wisconsin for lunch and attendees will be responsible for their own lunches.
Requirements:	Phillips Plastic requires that we provide them <u>the day before the trip</u> with a list of meeting attendees which includes name, company and position so you need to provide that to Bill Brooks <u>now</u> . Cardinal Glass requires no open toed shoes, and you must wear slacks or jeans to help protect your legs from glass particles.
When & Where:	<p>Itinerary:</p> <ul style="list-style-type: none"> ○ 6:30 AM. Bus leaves Thursday, May 7, 2009 at 6:30 AM from RCTC Heintz Center and then makes a second pickup up at Bowman Tool & Machining (old Kmart North building on 37th Street. Park in the NW corner of the parking lot. ○ 9:00 AM. Tour Cardinal Float Glass Plant at 2200 Stokke Parkway in Menomonie WI 54751. ○ 11 AM. Lunch in Menomonie, WI ○ 12:30 PM. Tour Phillips Plastic Medical Molding Facility at 415 Red Cedar St. in Menomonie, WI 54751. ○ 2:00 PM. Tour Phillips Metal Injection Molding Facility at 422 Technology Drive in East Menomonie, WI 54751. ○ 5:00 PM. Arrive back in Rochester.

IMPORTANT!

We always need good ideas for future meetings and tours. So if you have some ideas, please contact Mike Rasmussen who has generously signed on as Technical Program Director!

Technical Meeting Schedule

Meeting	Date	Presentation	Speaker	Website
Feb-09	2/5/2009	Cool Clean Technologies	Nick Heisler	http://www.co2olclean.com/
Mar-09	3/5/2009	Changing the Welding Industry	Chris Bliven	http://www.fronius.com/
Apr-09	4/5/2009	RCTC CAD Program	Pam Benson	http://www.rctc.edu/program/cadtech/index.html
May-09	5/7/2009	Tour!	-	See above

MINUTES OF SME CHAPTER 162 EXECUTIVE MEETING

Secretary's Report
April 2nd, 2009

There was no officer's meeting in April.

Respectfully submitted,

Bill Brooks, Secretary/Tool Chatter Editor/Webmaster

Folks,

All of the meeting photos are now being posted to our website (<http://chapters.sme.org/162/>) rather than mailing them out here in the Tool Chatter. They take a lot of storage space which slows your downloading speed.

[Bill Brooks](#)

Secretary/Tool Chatter Editor/Webmaster

Phillips Plastic Tour

The tour will include a presentation overview of Phillips Plastics capabilities, facilities, history and culture. We will then move to a walking tour of the Phillips Medical facilities which includes Phillips Molding, Phillips Assembly and Phillips Pre-pilot facility. The tour will then view the Metal Injection Molding facility. Examples of parts or assemblies produced at each of the facilities will be shown at the respective facility.

Here are the links for the company and the things that we are going to tour.

<http://www.phillipsplastics.com/>

<http://www.phillipsplastics.com/capabilities/medical-and-clean-room-molding>

<http://www.phillipsplastics.com/capabilities/metal-injection-molding>

MANUFACTURING ENGINEERING

“Manufacturing Engineering is that specialty of professional engineering which requires such education as is necessary to understand, apply and control engineering procedures in manufacturing processes and methods of production of industrial commodities and products; and requires the ability to plan the practices of manufacturing, to research and develop the tools, processes, machines and equipment, and to integrate the facilities and systems for producing quality products with optimal expenditure.”

SME MISSION

The Society of Manufacturing Engineers serves its members and the international manufacturing community through the advancement of professionalism, knowledge and learning.

The mission statement defines the nature of SME's role and contribution in the achievement of its greater vision. This statement indicates why the organization exists, who it exists for and what it does.



ADDRESS CHANGE

To change your address, please contact Bill Brooks at 282-3305, John Ruegg at 266-8304 or Bob Perry at 288-9133.

DISABILITY ACCOMMODATION

SME is committed to providing reasonable accommodations to persons with disabilities who require such accommodations in order to fully participate in SME sponsored events. Please contact Dick Ask at 282-6567 should you require such accommodations.

WORDS FROM THE CHAIRMAN

Hello Everyone,

Spring is here so it's time to get the boat or motorcycle out, prepare for Trout Opener, and, of course, get going on yard work. In that order of course.

Our last meeting was at the RCTC site in the Computer Aided Design classroom with a presentation by instructor Pam Benson and by her students. Pam and her students made an excellent presentation on their projects and capabilities of the class. She has a talented group of students working on projects such as an

electric guitar body, custom made knife, and the housing for a student build PC. After the presentation, dinner was served by the RCTC catering service and it was very good.

May brings our Spring Tour which will be Cardinal Glass, Phillips Plastic Medical Facility, and Phillips Metal Injection plants. This should be a great tour with lots of good technology. More information on this is coming up.

On a last note I would like extend our sympathies to the family of

Tom Kappauf who passed away this week. Tom will be missed by us all. He was a good friend, a very capable machinist and small businessman, and a dedicated member of SME.

Scott Brandt
Chairman
SME Chapter 162
253-2421





TOUR INFORMATION

Bookings will be taken for “organized” groups of customers, professional groups & school tours

Private tours need to go through a known employee of Cardinal

Minimum age: 10

Participants need to wear slacks and close-toed shoes

Safety glasses will be furnished

A 15 minute video is shown explaining each Cardinal plant process

A 60 – 75 minute walking tour of the plant will take place

Participants will be exposed to brief periods of uncomfortable heat

Radio headsets are available for use during the tour