



eTool "Chatter"

Society of Manufacturing Engineers

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

March 1, 2009

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March Meeting

WHEN: Thursday, March 5, 2009
6:00 PM Officer's Meeting
(members welcome)

6:00 PM Social Hour

7:00 PM Dinner

7:45 PM Presentation

WHAT: Chris Bliven, Fronius, Inc.
will give a presentation on the cold metal transfer (CMT) welding process.

WHERE: Holiday Inn South
1630 South Broadway
Rochester, MN

MENU: You will be able to select great food that you will like. Also, there is a bar if you would like to have a drink.

ACADEMIC AND STUDENT DEVELOPMENT

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What else can we do to make you want to come out to a meeting? Do you need to be called? Please let us know at the meeting or by email. But tell us!

Bill Brooks, 507-282-3305, 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 **what will encourage you** to take the time out of your busy schedule to come out to a dinner meeting. Please give any of the officers your suggestions. All suggestions are welcomed!

We could really use more cooperation from 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.

The website is in transition, as is the Tool Chatter. Keep an eye out for the great changes you will see shortly.

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
o r a t F o u n -
der@RACEMinn.com.

The March 09 Technical Meeting

Speaker:	Mr. Chris Bliven, Fronius, Inc., 810-333-1723
Presentation Topic:	Chris will give a presentation on the cold metal transfer (CMT) welding process.
Abstract:	<p>Chris will discuss the following items in his presentation on Changing The Welding Industry:</p> <ul style="list-style-type: none"> ○ Eliminate rework ○ Increase production speed ○ Provide spatter free welding ○ Use low heat input
Website:	http://www.fronius.com/ and http://www.fronius.com/cps/rde/xchg/fronius_usa
Movie Clip:	http://www.youtube.com/watch?v=sWegk_10S3s

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 temporary 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	-	-	-
May-09	5/5/2009	Tour!	-	-

MINUTES OF SME CHAPTER 162 EXECUTIVE MEETING
Secretary's Report
February 5th, 2009

There was no officer's meeting in February.

Respectfully submitted,

Bill Brooks, Secretary/Tool Chatter Editor/Webmaster

Folks,

Starting this month I am going to be placing all of the meeting photos on our website rather than mailing them out. They take a lot of storage space which slows your downloading speed.

Bill Brooks
Secretary/Tool Chatter Editor/Webmaster

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 Folks.

Here we are almost into the third month of the year and time seems to be flying. But winter seems to be dragging. We've been able to sample a few warm days, but I'm looking out at fresh snow today.

Our February program was presented by Nick and Dan from Cool Clean Technologies of Eagan, Minnesota. They demonstrated their Clean Dry Machining product that uses CO2 as a cooling medium instead of the traditional spray mister. This device looks like it would work really slick compared to a sticky, dirty, smelly, choking, spray mister.

The carbon dioxide ice also acts as a lubricant and as a cleaning agent, so there is a lot of bang for the buck in using this technology.

The speakers mentioned that their technology did not increase CO2 in the air because all of the CO2 used is first removed from the atmosphere. So global warming enthusiasts need not be worried that this will increase CO2. (Remember to not freeze your butt off from all of the global warming!—Ed.)

On to the March presentation. We will be having reps from Mississippi Welders supply tell us about a welding process by Fronius Welding

Products called Cold Metal Transfer. They describe it as "The Thermal Joining of Steel and Aluminum with spatter free welds on coated steel and ultra thin bonds"

So, come out to the Holiday Inn South, have a meal, and find out more about Cold Metal Transfer. I'm looking forward to seeing you at the meeting!

Scott Brandt
Chairman
SME Chapter 162