



October Technical Meeting

Thursday, October 13, 2011

SCHEDULE OF EVENTS

- 5:30 pm:** Welcome Reception & Networking
- 6:00 pm:** Opening Remarks & Dinner
- 6:45 pm:** "Intelligent Robots for Materials Joining Applications"
- 7:15 pm:** Facility and Laboratories Tour
- 8:00 pm:** Adjourn

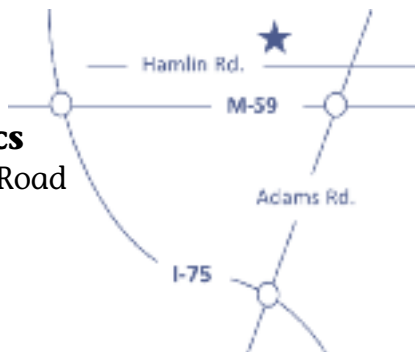
INFORMATION & RESERVATIONS

Contact Dave Kelly by **October 4**
 at 248-255-3608 or
 dkelly@fusionwelding.com

Technical Meeting FREE

LOCATION

Fanuc Robotics
 3900 W. Hamlin Road
 Rochester Hills



TECHNICAL MEETING

"Intelligent Robots for Materials Joining Applications" and Fanuc Robotics Plant Tour

FANUC Robotics will host the AWS Detroit Section Technical Meeting at their North American Headquarters in Rochester Hills, Michigan.

FANUC Robotics will be presenting "Intelligent Robots for Materials Joining Applications," including highlights of the latest robot technology for arc and spot welding as well as material handling with a focus on FANUC's proprietary Intelligent Robot Technology. The meeting includes a presentation followed by a facility tour and concludes with demonstrations in the arc and spot welding labs. **Lincoln Electric** will provide demonstrations of their latest welding technology including hands-on with the VRTEX 360 virtual reality welding simulator.

FANUC Robotics America is a leading supplier of industrial robots with over 100,000 robots installed in the Americas and 250,000 worldwide. They offer a wide variety of robot models with payload capabilities ranging from 0.5 kg to 1,350 kg working in aerospace, automotive, alternative energy, consumer goods, education, food, pharmaceuticals, medical devices and many other industries. They also offer simulation packages, application software, force sensing, and iRVision.



OCTOBER 2011

This Issue of the Bulletin can be viewed on the web at

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Chairman's Message...

The advent of a new school year has come and gone and it does not take much imagination to realize that Fall is in the air. Fresh on the heels of a September Technical meeting that saw AWS-National President John Mendoza join us in awarding \$37,000 in scholarships, the Detroit section continues to work hard towards our goal of supporting our scholarship program and other educational opportunities related to welding. These educational efforts run the gambit and include the tutorial held in advance of the biennial Sheet Metal Welding Conference and section volunteers that help both with SkillsUSA and our own scholarship awarding high school welding competition.

The October Technical Meeting is an example of our efforts to support another of our section goals in that we are promoting interaction within the industry as we once again take the AWS-Detroit section show 'on the road' with a visit to Fanuc who, with Lincoln Electric, have been gracious enough to host the event. I hope you will take time out of your busy schedule to join others from the welding community as we learn more about the industry we work in.

As always, information regarding all of the Detroit section activities can be found on the Events page of the Detroit Section's website; www.awsdetroit.org. If I can be of assistance to any AWS Detroit Section Member, please give me a call at 734-793-2304.



Donald F. Maatz, Jr.



(left to right) Ferris faculty, Jeff Carney, Zachary Brown, Rudy Goupille, Edward Maloney, Jason Fields, Anthony Godinez, Conrad Ruffilo, Bryan Warnell, Wes Doneth, Andrew Pfaller, Caleb Brenner, Dustin Wernette, Brad Williamson, James Souter, Kris Anstiss, Lee Farrelly, Kyle Dejong, Ferris Faculty Jeff Hardesty, Brandon Wilke, Zack Miller, Ferris Faculty Dave Murray, Sarah Gambill, Szach Bolyard, Carson Amos, Frank Loebelin, Brady Lafrinere, Brian Ohlrich, Brett McKey, Justin Tuinstra, James Kropp, Travis Burkey, Devan Depauw, Cameron Kuperus, Adam Pavilanis, Dan Stinson, Jacob Quisenberry, Joseph Dzieszowski, AWS President Mendoza, Welding Faculty Ken Kuk, Rod Bereznicki

Ferris Student Tour & Scholarship Meeting

Welding Program faculty Jeff Carney, Jeff Hardesty, Ken Kuk and Dave Murray recently accompanied 40 Welding Technology and Welding Engineering Technology students on a facility tour and technical/scholarship dinner meeting event. *(See photo.)*

The facility tour was at the Tank Automotive Research, Development and Engineering Center (TARDEC) in Warren, MI. At the U.S. Army Tank Automotive Research, Development and Engineering Center (TARDEC), the

(continued next page)



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Hotline

ASW-Detroit Section has new address and phone number

Make a note of our new address and toll free phone number: P.O. Box 32952, Detroit, MI 48232-0952. The toll free phone number is: 855-429-7338.

It's Time to Get Certified!

October 23-29 – Detroit, MI; Certified Welding Inspector Seminar & Exam.

Hotel: Four Points by Sheraton - 734-729-9000. The Certified Welding Inspector (CWI) certification is widely recognized, both nationally and internationally, in the welding industry. Successful companies have come to rely on this AWS certification when ensuring the highest level of quality workmanship. The AWS Certified Welding Inspector seminar is the best way for skilled and knowledgeable individuals who have a limited time to study to prepare for the AWS certification exam. You can rely on seasoned instructors to teach the material you need to know and how to use and understand the latest standards. For more details on this program, visit our website at aws.org/certification/CWI or call 800-443-9353, ext. 273.

FABTECH Chicago; November 14-17, 2011; RWMA Welding School 2011; Emmet A. Craig Resistance Welding School. The RWMA offers this

intensive two-day course on the basics of resistance welding once a year. The school is designed to give operators, production supervisors, engineers, and others the opportunity to study, better understand, and further their knowledge in the theory, applications, and equipment used in the resistance welding process. Here is the basic course outline:

Wednesday, November 16; Welcome and Introduction to Resistance Welding Basics of Resistance Welding Video – Part I; Electrodes and Tooling; Tabletop Exhibits; Welding Controls; Electrical Power Systems

Thursday, November 17; Welding Processes & Machines Basics of Resistance Welding Video – Part II. Troubleshooting and Maintenance; Real-life examples of problems that baffled maintenance persons. Initial Machine Set-Up; Question and Answer Session

For information on Welding School contact the RWMA, rwma@aws.org; Zoey Oliva at 800-443-9353, ext. 264.

Boy Scout Welding Merit Badge

It was reported at our latest district round table that the Boy Scouts of America is developing a welding merit badge. This presents us with a new opportunity “to advance the science, technology, and application of welding ...” The best way that

our section can help the Boy Scouts is to provide merit badge councilors (knowledgeable people who will guide the scouts through the requirements). It would be great if one or two members in each county could sign up as councilors. These people would be require some simple training and be registered with the Boy Scouts. They would be contacted from time to time by local boys interested in taking the merit badge. Please contact Ray Roberts (ray.j.roberts@gm.com) or Mark Gugel (mark.gugel@gm.com) if interested. They can help get you in touch with the two councils in our district (Great Sauk Trail Council and Great Lakes Council).



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INSIDE THIS ISSUE

"INTELLIGENT ROBOTS FOR MATERIALS JOINING APPLICATIONS" TECHNICAL MEETING AND FANUC ROBOTICS PLANT TOUR, THURSDAY, OCTOBER 13, 2011

FANUC ROBOTICS

3900 W. HAMLIN RD., ROCHESTER HILLS

- 1 SAVE THE DATE! HOLIDAY PARTY, DECEMBER 5
- 2 CHAIRMAN'S MESSAGE
- 2 FERRIS STUDENT TOUR AND SCHOLARSHIP MEETING
- 3 LAWRENCE TECHNOLOGICAL UNIVERSITY HOSTS TOUR
- 4 HOTLINE

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AWS Patrons collectively provide annual funding for scholarships toward an Associate Certificate in Welding Technology or a Bachelor of Science degree in Welding Engineering or Manufacturing Technology. For more information please contact AWS-Patron's Committee Chair Daniel Galiher at (248) 675-6005 or galiher.daniel@towerautomotive.com

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