

SME Chapter 69 Oakland/Macomb



NOVEMBER 2008 BULLETIN

All SME Chapter 69 meetings, unless otherwise announced, are held on the 2nd Wednesday of every month on the OCC Auburn Hills Campus in the Advanced Technology Center (Bldg T,) first floor conference room. The meeting will begin at 6:00p.m. with a dinner served at seven o'clock. **Members and guests are welcome.** There is no charge.

A map of the campus can be found at:

<http://www.oaklandcc.edu/Maps/AHCampus>

Check out the SME Chapter 069 webpage at: <http://chapters.sme.org/069/homepage.htm>

Chapter 069 Welcomes One New Member!

SME Chapter 069 is pleased to welcome a new member this month.

Mr Atilio R Steuer - Vice-President, Tebis America Inc

ELECTION OF OFFICERS

A General Membership Meeting and Election of Officers will be held at the November 12, 2008 meeting. The following Chapter 069 Members are offered by the Nominating Committee as qualified for election to the respective Chapter Offices for 2009.

Chapter Chair - John Agapiou, PhD, FSME

Chair Elect - Chengyin Yuan, Ph.D.

Treasurer Gary Shepperd

Secretary Stuart Selis

Membership Chair Stacy Behrens

Programs Chair - ---- Need a volunteer

Certification Chair - Larie Smith, CMfgT

Communications Chair - Doug Ruffley, PE CEM

The floor is open to additional nominations. Voters must be present at the meeting. Time of vote approximately 7:15 pm

November 12, 2008 Technical Presentation

6:00 p.m., room T-6 at OCC

Experience Manufacturing Excellence

Robert Axtman, Ph.D., Executive Director WW Marketing
Dassault Systemes - DELMIA

Our speaker, Bob Axtman, has been with DELMIA Corp for 15 years. In addition to his 30 years experience in sales and marketing, he also has extensive background in automated high speed equipment design, robotic system design/installation and Automated System sales.

Bob's talk will help decision makers who are looking for ways to reduce cost and improve profits, market share or growth.

In today's economy, it is a challenge to even consider, what appears to be a major investment because, typically, there is no budget for these types of solutions. However, proven technology and methods that address immediate cost reduction may make these solutions feasible. To be successful an immediate return must be realized. Immediate means just that--, while implementing a solution and applying the techniques and functions to the problem(s) they must see, attribute and document the direct cost reduction or savings to the use of the investment.

In his presentation, Bob will address the following objectives:

- use of 3D simulation for manufacturing
- off-line programming of robotic equipment
- experience virtual manufacturing before buying equipment
- metrics to save time and cost
- affordable and intuitive solutions

Make sure you don't miss this exciting and valuable presentation.

Later this month...

Plant Tour at Heller Machine Tools

SME Chapter One is hosting a technical event and plant tour at their next meeting on Nov. 18, 2008 at 6:00 pm. The meeting and tour will be at

Heller Machine Tools

1225 Equity Drive

Troy, MI 48084

See the Chapter One web site for details at: <http://www.smechapter1.org>

Heads up for Chapter 069 January Meeting and Technical Presentation

January 10, 2009

The Chapter 69 Meeting in December will be a planning meeting and no technical presentation will be held. However, our January meeting and technical presentation will be at Kuka Robotics in Clinton Township. Look for details in next month's Bulletin.

Chairman's Message

SME moves ahead strongly. It's been a good year for me in SME and I thank the team for putting together a great year of Chapter 69 programs. From January - Jamie Flinchbaugh on Lean, Paul Drallos on the unique problems and solutions related to software manufacturing - from concept to production, Mike Juras of Vertare on lean product development in March and April, Martin Nehls of FACTON on real time cost analysis and tracking, to the Dream Cruise, to the Saleen Tour and the October Seimens PLM presentation by Brian Shay (Chapter 001) with Dipesh Gandhi & Nabil Sater support, it was a great year.

The November presentation follows on the digital theme.

As you can see, we have elections and still could use some help. It's a great opportunity to get more involved.

There are many opportunities for personal development and for information within SME. Stop at a chapter meeting and we can help you unlock some of the avenues to that information. Whether it is at a chapter 69 meeting, or information on a Detroit or Ann Arbor presentation or contacts within the Technical Community Network, the chapter can help you to get more value out of your membership.

Our chapter mission is to enhance Manufacturing Engineering through member engagement, professional certification, education, student support, intellectual exchange and fellowship.

Check it out - Let's make it a great 2009.

Bob

2-Day short Course and Hands-on Lab Experience Fundamentals of Fasteners and Bolted Joints

A short course is being offered by University Research & Engineering Consultants at the Oakland Center on the Campus of Oakland University during the 2009 SAE World Congress. The course also includes four hands-on laboratory experiments conducted at the Fastening and Joining Research Institute at Oakland University.

The instructor for the course is Dr. Sayed A. Nassar, Professor of Mech. Eng. and Founding Director of the Fastening and Joining Research Institute (FAJRI) at Oakland University.

Contact Dr. Nassar at (248) 370-2697 or (248) 921-5020 (cell), nassar@oakland.edu

Call for Volunteers

The Cranbrook Institute of Science offers Webelos Engineering Workshops which allow boys to talk with engineers about different opportunities in engineering. Webelos is a Boy Scouts of America program for 4th and 5th graders.

Scout Coordinator, Ann McGowan is looking to form a group of volunteers in the engineering community who would be willing to come speak with the boys during these workshops about the variety of opportunities in engineering. If you'd be interested, please contact:

Ann M. McGowan, Scout Coordinator
Cranbrook Institute of Science
248 645-3229, amcgowan@cranbrook.edu

Oakland Schools Technical Campus Grand Reopening

Sunday, November 9, 2 - 5 pm

Middle and high school students: Learn more about a unique high school experience at your newly renovated technical campus locations. See what more than \$69 million in renovations has brought to each of the four campuses and check out exciting and unique high school learning opportunities. Programs offered at the technical campuses include:

- Biotechnology & Environmental Science
- Business, Management, Marketing, & Technology
- Construction Technology
- Culinary Arts & Hospitality
- Engineering & Emerging Technologies
- Health Sciences
- Human Services: Cosmetology
- Transportation Technology
- Visual Imaging Technology

For more information go to:

<http://www.oakland.k12.mi.us/Departments/CareerFocusedEducation/CampusGrandReopening/tabid/2013/Default.aspx>

Certification Message

Are you getting the recognition you deserve for your manufacturing expertise? Distinguish yourself from the crowd of manufacturing practitioners through SME's certification program!

The OaklandMacomb chapter offers it's own review classes and proctors tests on your schedule at lower cost using chapter volunteers and resources. If you have questions call or email:

Larie Smith ((586) 228-9700 Ext. 315) or
John Dinovski (313) 758-4460.

If you have any questions or wish to make a suggestion or request, please contact one of the chapter officers.

Chapter 069 Officers

<i>Chair</i>	Robert Petrach, Jr	robert.v.petrach@delphi.com
<i>Chair Elect</i>	open	
<i>Secretary</i>	Alan Wolfe	awolfe@wolfedesignservice.com
<i>Treasurer</i>	Gary Shepperd	GCShep@wowway.com
<i>Certification</i>	Larie Smith	lsmith@michpro.com
<i>Cert. Coord.</i>	John Dinovski	jdinovski@hotmail.com
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<i>Programs</i>	Dr. John Agapiou	john.agapiou@gm.com
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<i>International Awards</i>	Bijay Nayak, Ph.D.	bnayak@msn.com
<i>Bulletin</i>	Paul Drallos, Ph.D.	pdrallos@tir.com