



CHAIR'S MESSAGE

Welcome to the 2008-2009 Detroit Chapter year. I hope that all of you are enjoying the summer in Michigan, and are looking forward to attending the Detroit Chapter program for this coming year.

The Executive Committee has been working diligently to provide the membership and newcomers with a special program for this year. A staunch supporter of the ASM International and the Detroit Chapter, Robert McCune, Ph.D., FASM has been working with his committee to provide you with a year-long exploration of the topic: "The Role of Professional Societies in Re-Engineering the Michigan Economy." This special program was designed to address some of the major issues challenging both the State of Michigan and the technical societies within the State. Please read the article written by Bob in this Micro Examiner, and plan to attend the sessions beginning in October.

During this summer, two exciting activities took place- the ASM Teachers' Materials Camp held at the Ann Arbor Campus of the University of Michigan on July 14-18, and the 2008 ASM Detroit Chapter Golf Outing held at Fellows Creek Municipal Golf Club in Canton on July 19. Thank you to Dr. Kathy Hayrynen, FASM for her leadership and enthusiasm in running the Camp, and to Dave Masha for coordinating the Golf Outing. Both activities were a huge success!

You, the members, are our most valued asset. The Executive Committee seeks your input to make your chapter meaningful and useful to you. We are evaluating all means to better communicate with you. The issue of using an electronic newsletter is being evaluated by the Executive Committee. We will publish and continue to mail hard copies of the Micro Examiner to the membership, while we send out a survey to our advertisers to solicit their feedback on the use of an e mail format for the Micro Examiner. We also want your feedback on receiving the Micro Examiner via e mail. We look forward to hearing from you. Please send your comments to me at Chairman@asm-detroit.org

Come, join us on October 13, 2008, at Vladimir's, for the Kick-Off of a special year for the Detroit Chapter!

Ron Radzilowski, Ph.D.
Chairman- Detroit Chapter

2008-2009 ASM-DETROIT CHAPTER PROGRAM

The upcoming program year for ASM-Detroit Chapter will see a departure from the usual series of in-depth technical discussions, and in its place a year-long exploration of the topic: "The Role of Professional Societies in Re-Engineering the Michigan Economy."

This special program has been organized in cooperation with ESD, the Engineering Society of Detroit, and will be open to all members of ESD and its affiliated societies, some 70 in all, operating in Southeastern Michigan. The intent of this series is to explore the societal, economic and political factors which act in concert with technology to impact the quality of life in Southeast Michigan. This departure from "business as usual" is predicated on the exploration of various viewpoints, in some instances hearing from several presenters in the time frame of the

meeting. Additionally, the series will depart from our usual meeting location on several occasions to explore and interact with these new concepts.

The tentative program is as follows:

October 13, 2008,

“The Role of Professional Societies in Re-Engineering the Michigan Economy,”

Speakers: Mr. Keith Cooley, Director, Michigan Department of Labor and Economic Growth, Mr. Lou Glazer, President, Michigan Future, Moderator: Mr. Keith Crain, Crain’s Detroit Business.

Location: Vladimir’s.

November 11, 2008 (Tuesday)

“The University – Entrepreneur Geoplex,”

Speakers: Dr. James Duderstadt, President Emeritus and University Professor of Science and Engineering, The University of Michigan, Mr. Rick Snyder, Chair – Ann Arbor SPARK, and CEO Ardesta, LLC (invited).

Location: The University of Michigan, North Campus.

January 12, 2009

“Green Manufacturing and Technologies

Venue: Vladimir’s.

February 9, 2009 - National Officers Night

“Materials Challenges for Alternative Energy”

Featuring Speakers from Next Energy, Dr. Aaron Crumm, Adaptive Materials, Dean Ralph H. Kummler, School of Engineering, Wayne State University. Technical Chairperson: David Nicholas, Adaptive Materials, Inc.,

Venue: Next Energy (Wayne State University Campus), Detroit, MI.

March 9, 2009

“Bio-Technology – Materials Challenges”

Invited Speaker: Professor Bruce Dale, Associate Director, Office of Biobased Technology, Michigan State University. The program will also feature a number of student posters illustrating current projects in the field of biotechnology.

April 13, 2009

“Focus on the Entrepreneur”

Table Top Displays and Poster exhibits, highlighting small, entrepreneurial companies in Southeast Michigan. Students and Professionals will circulate among the displays before dinner like the classic “job fair”. Students will be encouraged to attend. Brief after-dinner talks will highlight the invited companies.

May 11, 2009 - Woodside Lecture

Honoree: Dr. Alan I. Taub, Executive Director, General Motors Research Laboratory.

ASM TEACHER’S CAMP

For the seventh consecutive year, the Detroit Chapter of ASM in conjunction with the ASM Educational Foundation and the University of Michigan sponsored a Teachers’ Materials Camp. The event was held July 14 – 18 within the Department of Materials Science and Engineering at the University of Michigan.

Thirty-one teachers attended the camp. All but one came from Michigan middle schools and high schools.

Master teachers Debbie Goodwin and Kristin Beach shared their teaching experiences from their high school materials science classes with the group. Each day the participants were able to spend time in the lab learning

about inexpensive experiments they could share with their students in order to broaden their materials knowledge base.

On Tuesday, the Camp was visited by Ray Decker, the incoming Chair of the ASM Educational Foundation. Ray shared some of his many materials related experiences with the group including information on how engineers choose the right material for the job.

On Tuesday evening, the teachers were treated to an industry tour of Applied Process followed by an elegant meal. Special thanks to Christopher Bixler, Steven Sumner, Stephen Gladieux, John Keough and Cindy Duman for their efforts.

After class on Wednesday, Professors Tresa Pollock, Wayne Jones and David Martin opened the doors of their laboratories to show the teachers examples of cutting edge research that is underway at the University of Michigan. In addition, Tom Cobett and Ben Hunsicker of OmniSource demonstrated the Foundry-in-a-Box. The teachers were able to see tin melted in a microwave prior to pouring a casting.

In order to have a successful program, the efforts of many organizations and individuals are needed. The Detroit Chapter is grateful to the following for their financial support: International Super Alloys Symposium, AISI, Nace International and the ASM Saginaw Valley Chapter.

The University of Michigan staff supports our mission every year. We gratefully acknowledge the efforts of Justin Scanlon, Keith McIntyre, Georgia Knope and Jeannette Johnson.

A special thank you to Lisa Ogiemwonyi of the AGBU Alex & Marie Manoogian School in Southfield for volunteering her time throughout the week. Lisa teaches a high school materials science class and is in training to become a Master Teacher.

Lastly, a team of Detroit Chapter and Saginaw Chapter volunteers attended the camp and spent time with the teachers, sharing their industry knowledge and experiences. Thank you to Steven Sumner, Peg Jones, Thomas Kozina, Sara Stabenow, Julie Swartz, Irina Kalish, Jay Gassel, Ron Radzilowski and Kathy Hayrynen.

If you are interested in volunteering to be a lab assistant for the 2009 camp, please contact the Chapter office. We are always in need of enthusiastic materials engineers.



Teacher's Camp Participants at U of M Ann Arbor



Thomas Kozina, ASM-Detroit Vice Chair (center), enjoys dinner with the teachers at Applied Process

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Special thanks to our member companies and golfers that supported our Annual Golf Outing. A complete list of donor and sponsors will be in our October Micro Examiner.

2008-2009 ASM-Detroit Executive Committee

<i>Ronald Radzilowski, Ph.D.</i>	<i>Chair</i>	<i>Thomas Kozina</i>	<i>Vice Chair</i>
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<i>Randy Beals</i>	<i>Entertainment</i>		

*Visit ASM-Detroit's website at www.asm-detroit.org
Or for more information, contact Caryn Ruzich at the chapter office at (586)573-0700*