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DETROIT CHAPTER

MAY 2000

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OLD TIMER'S NIGHT Mon., May 8

Vladimir's
28135 Grand River,
Farmington

Social Hour 5:45 p.m.
Price w/reservation \$17.00

Dinner 6:30 p.m.
Later reservations &
all non-reservation \$19.00

Meeting 7:00 p.m.
Students w/I.D. card \$ 5.00

Reservations must be phoned to our ASM Chapter office, 810-573-0700, by noon on Friday, May 5

Visit the Detroit Chapter's Website for up-to-date info at www.asm-detroit.org

OLD TIMER'S NIGHT

Clad Metals for All Reasons

Our final meeting of the 1999-2000 technical season will be Monday, May 8th. It is with pleasure that we welcome our 'Old Timers,' members who are celebrating anniversaries as members of ASM. We encourage our 'Old Timers' to come out for this meeting so that we can properly honor your commitment over the years to ASM International. Many of you have made lasting contributions to our society. Join us and see ASM-Detroit in action in the 21st century.

It is also our pleasure to welcome a friend of ASM-Detroit, Jerry Johnson, as our technical speaker for the evening. Jerry is currently a Manager of Specialty Metals Applications for Almetals Company in Wixom. Before joining Almetals, Jerry spent 28 years with the Metallurgical Materials Division of Texas Instruments where he was the Automotive Sales Director. He is an active member of SAE and the Japanese American Society.

The presentation for the evening will center on the use of clad metals in the automotive industry. Topics of discussion will range from corrosion protection to heat shields, catalytic converters, bumpers, bearing, and heat exchangers. Jerry will also explain how to deal with the need to weld dissimilar metals together, such as aluminum to steel. Jerry Johnson's extensive experience with clad metals and the issues and solutions to which he is privy, will be shared.

Please join us as we wrap up the technical program for the season and honor some of your fellow members as we present anniversary awards. ASM-Detroit will also be presenting a special scholarship on behalf of the Entertainment committee, as well as, Science Fair Awards by our Young Member/Student Affairs committee. Our May meeting is a night full of activity of which you are personally invited. Hope to see you there!



Jerry Johnson
Almetals Co.

Technical Chairman
PAUL BECKWITH
Detroit Edison Co.

Skäl

THE DETROIT CHAPTER would like to offer its sincere appreciation to the following companies for sponsoring the social hour before this month's technical dinner meeting:

**AK Steel Corporation National Steel Corporation
Mager Scientific Inc.**

2000 Annual ASM-Detroit Golf Outing

The annual golf outing is always one of the highlights of the year.

This year it will be held on Saturday, June 17th at Partridge Creek Golf Course in Clinton Township. With it's grandiose club house, and of course, the "Hawk," Partridge Creek and the Detroit Chapter's Entertainment Committee put on a day of fun in the sun, lots of good eats and drinks, and great prizes donated from a long list of ASM-Detroit supporters.

Not only is a good time almost guaranteed, it's also a great opportunity to bring out business colleagues and/or employees for a golf outing they will never forget.

So start making your plans now. Tee times fill up fast. Hope to see you there!





CHAIRMAN'S MESSAGE

Dear Fellow Members;

It's hard to believe that our chapter year is almost over. Again. I know it's a cliché, but it really does go by faster every year.

Looking back on our efforts to define and refine ourselves, there has been progress. Our relationship with students has made great strides, and the technical programming is right behind. Next year we must maintain this momentum, while striving to monitor and meet all the needs of our members.

As outgoing chairman, I am thankful for the opportunity to have served the Detroit Chapter of ASM. As I review the list of past chairman that will soon include my name I am, truly, humbled. The experience has caused me to grow both personally and professionally, and I must thank a number of people.

First, thanks to the best administrator anywhere, Caryn Ruzich. It would be difficult to overestimate

how important you are to our chapter, and how you have helped me this year.

Next, thank you to all our Executive Board members who have been so faithful in their efforts, and to the individual committee members, without whom very little would be accomplished.

Finally, allow me to list some special people who have been constant in their support throughout the years and without whom I could not have benefited from and contributed to, ASM. These are men whom it has been my privilege to work for and with, and whose names many of you will recognize: Robert H. Shoemaker; William G. Wood; James R. Easterday; Frederick P. Bens; Robert E. Luetje; Thomas F. McCardle.

If the Detroit Chapter of ASM has benefited even half as much as I have, it's been a good year.

Gratefully,
Michael L. Wright

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The 1999-00 programs of the ASM Detroit Chapter come to you through the courtesy of the sponsors whose advertisements appear in this newsletter. The Chapter extends its thanks for their support.

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Awards & Recognition

At this month's technical meeting the Detroit Chapter will be presenting a number of awards. The Awards & Recognition committee will present distinguished awards to three exceptional individuals. Join us in honoring these individuals for their professional accomplishments.

1999 John H. Shoemaker Award of Distinction

The John H. Shoemaker Award of Distinction is given annually in memory of John H. Shoemaker, a distinguished leader and Fellow of the Society. It is with pleasure that the Detroit Chapter presents this year's award to John Keough, FASM in recognition of his outstanding technical expertise and his willingness to share this with the materials community.

John R. (Chip) Keough, P.E., FASM is CEO of Applied Process, Inc., and has been an active ASM-Detroit member since 1977. John is also a Fellow of our society and has served on several committees, both on the local level, as well as, the national level. John holds a BSME and MSMME from the University of Michigan, and is also a distinguished member of AFS, ASME, SME, Ductile Iron Society, and Metal Treating Institute. John is a registered professional engineer and has received several awards for his work in heat treating. John has also authored and presented scores of technical papers and has co-authored one book.

ASM-Detroit is proud to honor John Keough for his years of selfless contributions to the materials community, sharing his knowledge, expertise, and time for the betterment of the profession. Please join us in the presentation of the 1999 John H. Shoemaker Award, May 8th.

Chapter Service Award

This year's Chapter Service Award, formally known as the "Unsung Hero" award, will be presented David Masha, sales engineer for Emhart Fastening in Chesterfield Township and ASM-Detroit's chapter photographer since 1996. While starting a family, David has always found the time to join us each month for our technical meetings at Vladimir's and snap those special shots we see each year in our Yearbook & Buyer's Guide. In addition, David also makes sure that he takes care of our speakers audio/visual needs for the talk, and is a regular attendee at our annual golf outing. Going above and beyond the call of duty, David has also made himself available for some special events the chapter sponsors, like educational seminars or Young Member activities.

David Masha has become a real good friend to ASM-Detroit, and we would like to thank him for his selfless service. David Masha is truly an Unsung Hero, so if you see him

at a chapter meeting or at our golf outing, shake his hand. It's people like David that make ASM-Detroit the premiere materials information society we are today. Many thanks to David and his family!

Young Member of the Year

The 1999 Young Member of the Year Award will be presented to Paul Decker of the U.S. Army TACOM. Paul has been an active Young Member/Student Affairs committee member since 1996, and has shown a genuine desire to promote activities that will shape our young engineers of tomorrow.

Paul's contributions to ASM-Detroit include participating in a number of local career fairs, organizing and participating as a judge in the Future Cities Competition, as well as, traveling to local schools and giving presentations on the profession of materials engineering. Paul has also been involved in choosing scholarship recipients for the chapter, and is continually looking for ways to steer our materials professionals of tomorrow to ASM.

Paul is, no doubt, considered a strong Young Members advocate and we look forward to his continued dedication as incoming YM/SA Chairman. Please join us in honoring Paul as the 1999 Young Member of the Year. Congratulations Paul!!!

2000 Entertainment Committee/Commercial Steel Treating Scholarship

The Young Member/Student Affairs committee has chosen the recipient of a \$1,000 special scholarship funded by the Entertainment Committee with funds raised at our annual golf outing, as well as, from Commercial Steel Treating who has been an ardent supporter of ASM-Detroit.

The winner of this special scholarship is Cicely Coppock of Michigan Technological University. Cicely is majoring in Metallurgical and Materials Science Engineering and currently maintains an impressive 3.95 GPA. She will graduate in May 2001. ASM-Detroit, along with Commercial Steel Treating, congratulates Cicely on her academic success and wishes her a bright future in Materials Engineering.

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Spotlight on Sustaining Members



The Sustaining Members of the Detroit Chapter are major supporters of the Chapters programs. Most are regular prize donors for our annual golf outing. Many are social hour sponsors. An even greater number are advertisers in our Yearbook & Buyer's Guide. Needless to say, our Chapter could not provide the programs we do without the support of this very special group.

This month, and in the remaining months of the 1999-2000 season, we will highlight our Sustaining Member companies.

Please take note of these companies, look for their website links, and thank their representatives when you meet them during business or at our technical meetings.

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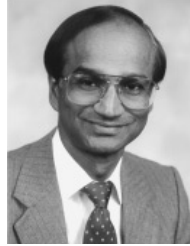
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People In the News

Dr. Subi Dinda, FASM, Senior Manager of Advanced Manufacturing Technology



Development in the Liberty and Technical Affairs Department of Vehicle Engineering, DaimlerChrysler Corporation, and current ASM-Detroit Awards & Recognition/National Affairs Chairman, has been elected to serve on the 2000-2001 ASM International Board of Trustees. Subi Dinda is also past-Chair of the Detroit Chapter of ASM; ASM Fellow and life member; past-President of the Deep Drawing Research Group; and an Executive Member of SAE.

As a Trustee, Subi Dinda will be called upon for his wisdom in establishing policies and leadership in regards to affairs of the Society.

The Board of Trustees is responsible to the members of the Society for considering and approving matters of policy, objectives, programs, investments, methods of financing, and other matters affecting broad aspects of ASM International operations.

The Board of Trustees is also responsible for chartering local Chapters, for assisting the Chapters to carry out vigorous programs for service to their members and for maintaining a close relationship between the local Chapters and the Society. The Board also actively insures cooperation with other related institutions, in order to promote the welfare of the materials industry.

In order to be considered as a candidate for the Board of Trustees, one must meet a certain set of criteria. The candidate should be a materials person, preferably with broad experience in ASM, business and management, such as handling budgets, policymaking, and a board level perspective is desired. Subi Dinda brings 17 years of experience at the now DaimlerChrysler Corporation, and is currently responsible for the major advanced materials and manufacturing process development programs for the corporation. Subi is also Chairman of the corporate Aluminum Tech Club and represents DaimlerChrysler Corporation as a member of the Materials and Manufacturing Teams of the Partnership for a New Generation of Vehicles (PNGV) under USCAR.

Since joining Chrysler in 1973, Subi Dinda has been involved in the development of new material applications for Chrysler vehicles. He has significant experience in steel, aluminum, and composite materials, and has been responsible for transferring new materials and manufacturing technologies from the laboratory to the plant floor.

Subi Dinda has published more than 20 papers, co-authored books, holds patents, and presented more than 125 technical papers at domestic and international conferences.

Subi received his B.S. in Metallurgy in India and both his M.S. and Ph.D. in Materials Engineering from Illinois Institute of Technology, Chicago, Illinois. He received his M.B.A. from Central Michigan University, Mt. Pleasant, Michigan.

ASM-Detroit is extremely pleased to have such a fine representative on the national Board of Trustees. With ASM-Detroit being the largest ASM Chapter in the world, we know that Subi Dinda will be a valuable asset to ASM International and we wish him much success.

Dr. John L. Mihelich, FASM, is the President elect, 2000-01 term, of the Atlanta Chapter of ASM International. He has a dual membership in the Detroit and Atlanta Chapters having moved to the Atlanta area in 1996. John was active on the Executive Committee of the Detroit Chapter during the 1980s. In 1984, he was our John H. Shoemaker Management awardee and was invited back to give the Woodside Lecture in 1995. John and his wife Donna reside in Winston, Georgia and conduct their metallurgical consulting business, *Metal Experts International* from that location.



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Yearbook Cover Photo Contest

The Yearbook Committee welcomes any and all submissions for the cover of the 2000 Yearbook. If you have an ASM- or materials-related photograph that you would like us to consider for publication, please submit it to the chapter office. Remember to include your name, address, phone/e-mail, and a caption. The act of submission grants ASM Detroit the right to publish the image if it is selected. The winners will receive a commemorative gift from the ASM Detroit Chapter Emporium.

Please direct any questions to Caryn at the Chapter Office.

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Please check your mailing label and/or the 1999 Yearbook and confirm the accuracy of your information. The recent area code changes may have 'orphaned' your phone listing. ***If your name and/or contact information is not correct please contact ASM Customer Service at 800-336-5152.*** We will be taking a 'snapshot' of our membership roster on June 1, and it will be published in the 2000 Yearbook without further correction. ***Note: The Chapter Office does not maintain the membership roster; direct all corrections to ASM International at the number listed above.***

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Report Young Members/Student Affairs

Spring has arrived! The spring season is always a busy one for the Young Members & Student Affairs Committee as career fairs and science fairs are in full swing. One of the top career fairs in the state, if not the country, is the Royal Oak Neighborhood Schools – Career Choices Event, which is held each year at Royal Oak Kimball High School. This event is endorsed by Federal, State, and Local Representatives, and draws over 4,000 students/parents from Royal Oak and surrounding communities each year. YMSA committee members Jim Eagan, Paul Decker, and Nathan Clark were once again present at this event to speak to students about the exciting field of Material Science. It was both fun and rewarding to see the interest and excitement on the face of the students as we demonstrated with various types of materials and manufactured components how Material Science is shaping the future of the automotive, computer, and aerospace industries.

Another major event in the Detroit area this year was the 2000 Science & Engineering Fair of Metropolitan Detroit held annually at Cobo Hall. Each year ASM-Detroit judges these science projects created by junior high and high school students and rewards the top projects in the field of Materials Science. This year with the help of our ASM-Detroit judges, Pat McBauer and David Masha, the following students will be presented with awards at our May meeting for their outstanding projects:

1st Place

JASON BROWN, DETROIT

Project: Performance Study Of Adhesively Bonded Aluminum Structures

2nd Place

MIKE PLOUCHA, CANTON

Project: What Effects The Strength Of Concrete?

3rd Place

TIA BRAXTON, DETROIT

Project: The Effect Of Heat On The Elasticity Of Latex Rubber



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