

ASM International
Philadelphia "Liberty Bell" Chapter

Newsletter

www.asm-philadelphia.com

Thursday, March 18, 2004

Albert Sauveur Night

Spouses and guests are invited and welcome. Williamson Restaurant, Easton Road, Horsham, PA



Speaker:
ALEXANDER D. WILSON
ISG Plate

Topic:
Development of High Performance Steels for Bridges

Alex Wilson is the Manager, Customer Technical Service for ISG Plate, International Steel Group, Inc., located in Coatesville, Pennsylvania. Mr. Wilson currently manages the technical support activities to plate steel customers and end users. He also coordinates the development of high strength steels with improved weldability for bridge, military, structural and pressure vessel applications. Mr. Wilson has been with the Lukens Steel Company, then merged with Bethlehem and now owned by ISG for 29 years. His previous research involved clean steels, fracture mechanics evaluations and steel development. He has published over 55 papers and given numerous presentations on these topics. Mr. Wilson is a graduate of the Massachusetts Institute of Technology and holds Bachelors and Masters of Science degrees in Metallurgy. He is chairman of the

Transportation and Infrastructure Committee of the American Iron and Steel Institute, the chairman of the Steel Bridge Forum and chairman of the High Performance Steel Steering Committee. Mr. Wilson is a Fellow of ASM International.

TOPIC: Development of High Performance Steels for Bridges

Ten years ago, the United States initiated the High Performance Steels (HPS) joint industry-government-academia research effort. A brief review of this development effort for high strength 50-100 Ksi, (345 to 690 MPa yield strength), improved weldability, high toughness and improved weathering (atmospheric corrosion resistant) steels is presented. Currently, HPS-50W, HPS-70W and HPS-100W grades are available. Future activities of the joint HPS effort are discussed.

Meeting Cancellation Notification

In the event of cancellation of a meeting due to inclement weather, we will broadcast the news as part of KYW News radio's (1060AM) Storm Center Service. ASM cancellations will be specifically announced when KYW airs community cancellations at :20 and :50 past each hour during the afternoon of the day of the meeting. ASM's name will be specifically mentioned, so listen for the name rather than an organization number as is used for schools.

Technical Chairperson

Charles McMahon
University of PA

Meeting Sponsors

Superior Tube Company
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Tinius Olsen Testing Machine Co.

Dinner Menu

Fresh Fruit Cup
Caesar Salad
Beef Stroganoff over Flat Noodles
Broccoli Hollandaise
Creme d' Menthe Parfait

Social Hour

6:00 - 7:00 p.m.

Dinner

7:00 p.m.

Price: Members: \$22.00; Retirees:
\$15.00; Students: \$10.00



Reservations are necessary -

Call: (215) 643-3369 (OH-DE-FOX)

Please don't call if you have already reserved via our web site link at

www.asm-philadelphia.com

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Fred Klock, Exec. Treasurer
SPS Technologies, Retired

For more info about the ASM Liberty Bell Chapter...

Contact Chapter Chairperson Jim Watters at 215-699-0690 or email: dvua2@cs.com.

Do you have news...

that should be shared with the other members of the "Liberty Bell" Chapter? If so, please send your info to Anna Whitehead at her email address:

aj.whitehead@att.net

Be sure to add the phrase "Item to add to the ASM Chapter newsletter" in the subject line. We'll be sure to include it in the next monthly Chapter newsletter.

Changes To Your Membership Information

Any Chapter Member who needs to make a change to their membership listing or to their company affiliation listing must call Membership Service, ASM International at 1-800-336-5152 or use the ASMI website at www.asminternational.org. This will permanently update your information.

We depend on ASM International to receive our updated mailing list for this newsletter. So please do not sent information to the return address on this newsletter.



Chairperson's Message

March, 2004

We were within a day of printing a newsletter for February that talked about the visit of our National President. How embarrassing would that have been. As you may know, Dr. Tucker caught the flu and canceled. We had to scramble at the last minute. Dr. Rick Knight of Drexel filled in with a very excellent presentation on the same topic - Thermal Spray. We also had a "coffee talk" presentation by Milan Ivosevic, a Drexel grad student working in thermal spray. His presentation included a 30 second video that was embedded in a power point presentation. Neat stuff. Despite one of the coldest days in years we had 20 members make presentations at the Executive and Operating Committee meeting, and 70 people at the general meeting. Thanks, also to Fred Klock, John Janiszewski, and Roger Jones for jumping in to handle the arrangements.

As a former Bethlehem Steel employee, I am looking forward to the talk on ISG Plate at our March Meeting. Alex Wilson, our speaker, was with Lukens, which then became part of Bethlehem, which is now owned by ISG. And, of course the April meeting is our Sustaining Members Night, usually our biggest night of the year. Dr. John Fisher of Lehigh will give us an insider's view of the structural limitations that allowed the World Trade Center to collapse.

As I write this we are selecting members for the Nominating Committee for next year. The members will be announced at the February Meeting. Our by-laws provide that I select the 9 members of the committee, which must include the current chair (me), the current Vice Chair (Scott Nyce) and last year's Chair (Don Jordan). Don will act as Chair of the Nominating Committee. The new slate of officers will be nominated at the March meeting and elected at the April meeting. Nominations can be made from the floor. At the same time, Scott will be selecting his Committee Chairs for next year. If you have any interest in serving as a Chapter officer, Committee Chair, or simply helping out, please contact Scott Nyce and let him know. You should try and do this before the March meeting if possible. If you have any questions about the procedures, consult your yearbook or give me a call.

We have two social events on the schedule for this spring, a Dinner Dance on April 3rd and a Golf Outing on June 7th. Additional details are available in this newsletter. We hope you will join us. I look forward to seeing you on March 18th.

Respectfully submitted,

Jim Watters

Chairperson 2003-04

Upcoming Events...

3-18-04	Thursday	Albert Sauveur Night - Development of High Performance Steels for Bridges <i>Speaker: Dr. Alex Wilson - Williamson Restaurant, Horsham, PA</i>	6:00 pm
4-3-04	Saturday	Spring Dance <i>Sorella Rose in Springfield Hotel, Flourtown, PA</i>	
4-15-04	Thursday	Sustaining Member Night - World Trade Center Building Performance Study <i>Speaker: John W. Fisher- Williamson Restaurant, Horsham, PA</i>	6:00 pm
4-24-04	Saturday	Spring Social with ASNT - Lily Langtry's <i>Tentatively scheduled; check back for more details.</i>	
5-20-04	Thursday	Honors & Past Chairman Night - Dedicated to All Past Chairpersons Williamson Restaurant, Horsham, PA	6:00 pm
6-7-04	Monday	Golf Outing with ASNT Limekiln Golf Club - Registration 7:00 a.m.	8:00 am

Liberty Bell Chapter Spring Dance

This year's Spring Dance will be held on Saturday, April 3rd at Sorella Rose in the historic Springfield Hotel in Flourtown. The cost is \$55 per person. Please come join us for an evening of fine dining and dancing. For more information please contact Rob DeKalb at Robert Wooler Co. at 215-542-7600.



Future Joint Events with ASNT

The Greater Philadelphia Section of ASNT has invited us to participate in two of their events. The Annual Golf Outing will be at Limekiln Golf Club like last year. The Golf Outing is scheduled for Monday, June 7th. Registration starts at 7:00 a.m. Cost for golfers is \$80.00 each, a buffet dinner is included. Call Tony Gatti at 215-824-4000 to sign up.

We are also invited to attend their Spring Social (a dinner show) at Lily Langtry's and tentatively scheduled for Saturday evening, April 24th The show will be "Broadway Live - A Slice of the Big Apple". Cost is \$42.00 per person. Call Rich Bottari at 215-579-7500 or Fred Klock at 215-659-8424.

Hole sponsors and cocktail sponsors are also welcome. Stay tuned for more information in future newsletters.

C.F. Burns Poster Contest

The Liberty Bell Chapter will be holding its 3rd annual poster contest during our Sustaining Members Night, 4/15/04. This will be the first year the contest is sponsored by Solar Atmospheres. Prize money will be \$500 for 1st Place, \$300 for 2nd and \$200 for 3rd. Due to limited space, we are asking for students to pre-register this year. Space will be awarded on a first come, first served basis. Please register your name and poster title with Scott Nyce (email dsn@solaratm.com). Good Luck to everyone!

Welcome New Members

Carl A. Bannwart	Power Magnetics Inc.
John J. Barron	Vacuum Furnace Sys. Corp.
Carol Boll	Edward A. Boll Co.
Steve Brown	Inter-Power Corp.
Jeffrey A. Conybear	Metlab
Nicholas Coppa	Nanomaterials Co.
Ken Dyer	Dyer Associates
Paul S. Finestone	HullVac Pump Corp.
George Georgopoulos	High Energy Corp.
Graham Legge	BOC Edwards
Dean Inman	NWI Transformers
Tom Jeffords	Stockwell Co.
Gerald B. Katz	Naval Surface Warfare Ctr.
Jim Kellog	Vacuum Furnace Sys. Corp.
Pamela Knight	Drexel
Bruce Lindsley	Hoeganaes Corp.
John Maloney	Sandmeyer Steel Co.
Edwardo E. Paz	Franklin Fuel Cells
George Poszmik	Hoeganaes Corp.
Randall Redd	S-Bond Technologies
Peter K. Reh	Vacuum Furnace Sys. Corp.
Dave Rinz	Vacuum Furnace Sys. Corp.
Russ Risko	Adspeak
Charles Roney	High Energy Corp.
Craig B. Toedtman	Resource Development Co.
Bruno Tongiani	Genesis Machinery Products
Lisa Welsh	Vacuum Furnace Sys. Corp.
Jim Wendt	MG Industries
Jikou Zhou	Princeton University

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Evans Heat Treating Co.
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SPS Technologies, Inc.
Stork MMA Testing Labs
Struers, Inc.
Superior Tube Company
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