



Philadelphia Liberty Bell Chapter Newsletter



www.asm-philadelphia.com

Thursday, March 17, 2005

Sauveur Award Night

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



Speaker:

RODNEY BOYER, Ph.D.

The Boeing Company

Topic:

Material Technologies and Trends on Boeing Aircraft

Rodney R. Boyer earned his bachelor's and master's degrees in Metallurgical Engineering at the University of Washington. He joined The Boeing Company in Seattle, WA, in 1965 and has been a titanium specialist for over 30 years. He was responsible for all titanium materials and processing specifications, directing the IR&D effort, manufacturing and service issues, and supplier qualification. He has conducted R&D studies of almost all titanium product forms, with emphasis on understanding the relationships between processing, microstructure and properties. He was also an industry focal point for metals development activity on the NASA sponsored High Speed Civil Transport program, which was ultimately cancelled.

He now serves in more of an oversight capacity with regard to metals research and development activity for Boeing Commercial Airplanes and the Phantom Works. Rod is responsible for the Boeing-Seattle effort on several Air Force Metals Affordability Initiative (MAI) programs and is the metals focal point for assuring compliance with Export Administration Regulations. He was named a

Boeing Technician in 1998.

He currently serves on the MSCTS Materials Synthesis and Processing, AeroMat Event Management committees and the ASM Board of Trustees, and has served on the Handbook and Chapter Operations Committees. He was one of the editors of the Materials Properties Handbook for Titanium Alloys and has over 200 publications/presentations and is the co-editor of 6 books.

He was named a Fellow of ASM in 1987 and presently serves on the ASM Board of Trustees. He was a recipient of the ASM William Hunt Eisenman Award for outstanding achievements in the development and implementation of titanium alloys and processes for aircraft use, and for the fostering of unique team approaches to accomplishing these tasks, and the ASTM Russ Ogden Award for outstanding contributions in reactive and refractory alloys. In 2002 he received an annual achievement award from the International Titanium Association for his expertise and development work associated with new uses and applications for titanium

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Meeting Registration

Register to attend our meeting on our website www.asm-philadelphia.com. If you have a large group attending or do not have access to the website, please contact Rob DeKalb at 215-542-7600 to register.

Technical Chairperson

Alexander D. Wilson
ISG Plate

Meeting Sponsors:

Hoeganaes Corporation
Superior Tube Co.
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Dinner Menu

Fresh Fruit Cup
Caesar Salad
Beef Stroganoff Over Flat Noodles
Broccoli Hollandaise
Mocha Parfait

Social Hour

6:00 - 7:00 p.m.

Dinner

7:00 p.m.
Price: Members & Guests: \$23.00;
Retirees: \$15.00; Students: \$12.00

ASM Philadelphia Sustaining Members (2004-2005)

Air Products & Chemicals Co.
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B & G Manufacturing Co. Inc.
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Chapter Officers 85th Year

Scott Nyce, Chairperson
Solar Atmospheres, Inc.

Travis Nelson, Vice Chairperson
Materials Resources International

Anna Whitehead, Secretary
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Don Jordan, Treasurer
Solar Atmospheres, Inc.

Robert DeKalb, Executive Secretary
Robert Wooler Co.

Fred Klock, Exec. Treasurer
SPS Technologies, Retired

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

Contact Chapter Chairperson Scott Nyce at 215-721-1502 x 219 or email: dsn@solaratm.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 Membership Info

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, 2005

Greetings,

This month we are very pleased to be hosting Rodney Boyer, the recipient of our Sauveur Award. His specialty in titanium & the application in the aerospace field should be enlightening for all of us.

We are currently organizing for next year's committees. Travis Nelson is already off to a great start preparing for the '05-'06 year. If you have any interest in becoming more involved with the chapter, either serving on a committee or as a committee chairperson, please contact Travis or me. Everyone is welcomed to take part and have an active voice in the chapter.

We are accepting applications for our first materials camp this summer. This is open to any student entering the 10th or 11th grade in September. Please contact me at dsn@salratm.com for an application for any student you know that would be interested.

Again, if you know of someone who may have an interest in our chapter or ASM as a professional society, please invite them to attend a meeting. Remember, this is a great opportunity to meet others in the "material world".

See you at the March Meeting,
Scott Nyce

Mission Statement

ASM International, Philadelphia "Liberty Bell" Chapter

The Philadelphia "Liberty Bell" Chapter of ASM International supports the development and continuance of the materials industry in the Philadelphia area. Chapter activities strive to inform the local technical community of new developments in materials, raise the visibility of the materials industry, provide educational opportunities in materials technology, recruit new people and organizations into materials-related activities, and provide networking opportunities for members of the materials community. The Chapter works with ASM International to use our joint resources to accomplish this mission.

Upcoming Events...

3-17-05	Thursday	Albert Sauveur Night Topic: Materials Technologies & Trends on Boeing Aircraft, Williamson Restaurant, Horsham, PA	6:00 pm
4-5-7-05	Tues-Thurs	Delaware Valley Science Fairs Fort Washington Expo Center	
4-21-05	Thursday	Sustaining Members Night Topic: Quality Systems & Their Application in the Dale Earnhardt Engine Shop, Williamson Restaurant, Horsham, PA	6:00 pm
4-23-05	Saturday	Spring Dinner Dance Old York Road Country Club	6:00 pm
5-19-05	Thursday	Honors & Past Chairmen Night Topic: Awards & Honors, Williamson Restaurant, Horsham, PA	6:00 pm
6-27 to 7-1	Mon-Fri	Materials Camp Drexel University, Philadelphia, PA	

C.F. Burns Poster Contest

The Liberty Bell Chapter will be holding its 4th annual poster contest for graduate students during our Sustaining Members Night, 4/21/05. This will be the second 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!

Sustaining Member Plaques

Every meeting our chapter is proud to display the number of sustaining members we have. Guest and speakers are always impressed with the amount of industry support we receive. This group of companies are the backbone of the chapter and these plaques are a great way to showcase their support.

If you are a sustaining member & don't have a plaque on our board, or you would like to update a current plaque, please contact Chris Constable at chris.constable@rexheat-treat.com or 215-855-1131.



Liberty Bell Chapter Spring Dinner Dance

The Spring Dinner Dance is scheduled for April 23rd at 6:00 pm at the Old York Road Country Club. This annual event is always the highlight of our social program for the year. It is an evening of wonderful food and beverages with dancing until late into the evening. The cost is \$45.00 per person, please contact Rob DeKalb at 215-542-7600 or rdekalb@asm-philadelphia.com



Del Val Science Fairs

The Delaware Valley Science Fairs will be held in the Fort Washington Expo Center on April 5-7, 2005. Judges for this event are currently being solicited. Any ASM member who is interested in judging or otherwise assisting should check the DVSF website at www.drexel.edu/dvsf. Several members of the Philadelphia chapter have served as judges in the past and more judges are always needed. Anyone who wants more general information about judging at the science fairs can contact John Janiszewski at 215.641.8849 or jjaniszewski@ltk.com.

Yearbook Advertising Campaign Continues!

The Liberty Bell Chapter advertising committee is putting together the advertisers' list for the 2005-2006 chapter yearbook. **The Liberty Bell yearbook is seen by over 900 materials professionals and companies in the Delaware Valley and South Jersey.** And, it has been consistently recognized by ASM International as one of the top chapter publications worldwide. Professionally put together and printed, the Liberty Bell yearbook provides a focused method of getting your company's products and services in front of the people who use them!

If you would like to reserve preferred space or for more information including ad options and rates, please contact Advertising Committee chair, Mike Drakeley at 215-721-1502 ext. 203 or mjd@solaratm.com.

Welcome New Members

Betty Antes	
Janet Burpee	Burpee Materials Tech LLC
Sue Coyle	Stryker Orthopaedics
John Egan	White Engineering Surfaces
Anthony Falasco	Synthes USA
Al Gunow	VFS Corp.
Dennis Hiddemen	Solar Manufacturing
Joseph B. Kain	Johnson Matthey
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Mark Kelsey	Princeton Gamma Tech Inc.
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Mat Cimoch	Rutgers University
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Robert K. Lewis	Leco Inc.
Bob Roseman	Load Rite Trailers

Materials Camp

Sponsored by ASM Philadelphia Liberty Bell Chapter

The materials camp is a week long program aimed to educate high school students about material science and engineering, while providing hands on experience. Participants will be selected based on quality of application.

WHEN: Monday, June 27th -Friday, July 1st

WHERE: Drexel University, Philadelphia PA

COST: Free

DEADLINE TO APPLY: MAY 1, 2005

For an application, please go to the chapter website - www.asm-philadelphia.com.

Sauveur Award Night

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Mr. Boyer is the ASM representative on the International Organizing Committee which is responsible for the International Titanium Conferences held every 4 years. He also serves as the ASM liaison to the TMS Titanium Committee.

TOPIC: Materials Technologies and Trends on Boeing Aircraft

Numerous materials technologies are required in the manufacture of commercial and military aircraft including metals, ceramics, composites, painting, corrosion protection, heat treating, forming, welding, etc, resulting in many opportunities for materials and chemical engineers. A brief overview of how some of these technologies are applied will be discussed. The main emphasis will be on metallic materials and processes and what is being done to improve performance and reduce cost.

Advertisers in the 2004-2005 ASM Yearbook

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