Our Sustaining Member Night is a very busy evening. We have a Mini-Expo for all of our Sustaining Members to participate in. Because of the Expo, our social hour at the beginning of the meeting is extended. We also invite the winners of the Delaware Valley High School Science Fair to bring their displays to the Expo. Our Scholarship winners for the year are announced and have their scholarships presented to them at the meeting.

During the social hour, there is also the C.F. Burns Memorial Poster Contest. We invite graduate students in the Philadelphia area to participate in the contest, with monetary prizes for 1st, 2nd and 3rd place awarded. After the prizes are awarded, the 1st, 2nd and 3rd place winners of the C.F. Burns Memorial Poster Contest give a short presentation on their research and work that went into their poster.

The evening is planned with the idea of exposing our Chapter to new and developing research from academia, as well as giving students in the Philadelphia area an opportunity to present their research. We hope you enjoy the evening.

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**C. F. Burns Poster Contest**

The Liberty Bell Chapter will be holding its 15th annual poster contest for graduate students during our Sustaining Members Night on Thursday, April 21, 2016. This will be the 12th year the contest is sponsored by Solar Atmospheres, Inc. and prize money will be $500 for 1st Place, $300 for 2nd Place, and $200 for 3rd Place. Due to limited space, we are asking students to pre-register. Space will be awarded on a first come, first serve basis. Please register your name and poster title with Mike Moyer at mkm@solarmt.com or call him at 215-721-1502 x1207. Good luck to everyone!

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**Technical Chairperson:** Mike Moyer, Solar Atmospheres, Inc.

**Meeting Sponsors:** Solar Atmospheres, Inc. and Solar Manufacturing, Inc.

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**Buffet Menu:** Chicken Parmesan, Pot Roast of Beef, Miniature Crab Cakes, Caesar Salad, Peas with Mushrooms, Potatoes au Gratin and Sherbert.

**Social Hour:** 5:30 - 7:00 p.m. 
**Dinner:** 7:00 p.m.

**Prices:** Members & Guests: $35.00; Retirees: $24.00; Students: $15.00

Spouses and guests are invited and welcome. Meetings held at Williamson Banquet, on the corner of Rt. 611 (Easton Road) and Blair Mill Rd., Willow Grove, PA 19044   For directions: www.williamsonrestaurant.com.

**Meeting Registration:** PLEASE NOTE**: All reservations must contact Trevor Jones at 215-721-1502 ext 1220 or on our website at http://philadelphia.asminternational.org no later than 1:00 PM on the Tuesday before the meeting to guarantee dinner availability.

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Chairperson’s Message
April 2016

Spring is officially here! Warm weather and baseball will become a reality real soon!
The ASM Liberty Bell Chapter holds our Sustaining Members Expo and the C.F. Burns poster contest for
graduate students at this month’s meeting on April 21st. After the contest, the graduate students will
present their posters to the audience. The judges always have a tough time picking the top three out of
all the great entries. This meeting is always our highest attended gathering throughout the year which
makes it a lot of fun. Plus, the ASM Liberty Bell Chapter announces the scholarship winners for the year.
We would like to thank this year's President of ASM International, Mr. Jon D. Tirpak for speaking at our
meeting last month. He gave a very good presentation on things happening at ASM headquarters and
Heavy Closed Die Forgings of the World.

Thank you for your support and we hope to see you April 21st at Williamsons Restaurant.

Best regards,
Jamie Jones
2015 – 2016 Chapter Chairperson

We would like to invite
all Sustaining Member Company Representatives and a guest to a
Thank You Luncheon
Please RSVP to Sarah.Mansuetti@rexht.com by April 29
Date: Friday, May 6, 2016
Time: 12:00pm – 1:30pm
Place: Otto's Brauhaus, 233 Easton Road, Horsham PA

2016 Upcoming Events...

4-21-16 Thursday  Sustaining Members Night. Topic: Sustaining Member Expo, Williamson Banquet, Willow Grove, PA
5-19-16 Thursday  Honors & Past Chairmen Night, Williamson Banquet, Willow Grove, PA
6-6-16 Monday    30th Annual Golf Outing - Limekiln Golf Club

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2016 Materials Camp

We are accepting applications for our 12th Annual Materials Camp at Drexel University on June 20-24. Each year there is a strong demand for the camp, with between 75 and 100 applicants over the last few years. With between 20 and 25 slots available, it is very competitive. The very best engineering-oriented students in our region are being served by our camp. As a result of their experiences at camp many are pursuing a Materials Engineering career.

The program is one our chapter is extremely proud of. It really makes a difference in the lives of the students. We depend on the generosity of local companies and individuals to continue providing this priceless learning experience. Please contact Brian Gorney at 586-354-5167 or gorneybj@gmail.com to become a sponsor and have your company linked to this wonderful program. Students may apply for the 2015 Materials Camp by downloading the application on the Outreach tab of our website at www.philadelphia.asminternation.org.

ASM Materials Education Foundation Award Winners Selected

Once again this year, members of the Philadelphia Chapter participated as special awards judges in the Delaware Valley Science Fairs. The DVSF was held on March 30-April 1 in Oaks, PA. The ASM Foundation provides four awards, one for each high school grade. The awards consist of a medallion, a certificate, and a $50 gift card. The awardees are selected for the "most outstanding exhibit in material science" at each grade level. In addition, the Chapter invites the 10th and 11th grade winners to attend the Chapter Materials Camp.

This year's winners were:

12th Grade:

Atharv Gupta
“Developing a Relationship Between Fermi Diversion Levels of Organic Substrates and Contact Success of Multiwalled Carbon Nanotubes”
Atharv is a student at Parkland High School in Allentown. His teacher is Christopher Gahman.

11th Grade:

Kian Jasambi
“Assessing the Utility of 3D Printed Satellite Components”
Kian attends Germantown Academy in Fort Washington. His teacher is Sarah Smith.

10th Grade:

Sophia Breslin
“Biodegradable Plastic Bags made from “Genus Musa’ Peel Waste”
Sophia is a student at Christopher Dock High School in Lansdale. Her teacher is Kathy Holden.

9th Grade:

Isha Mohapatra
“Optimization of Brick Thermal Conductivity and Crushing Strength”
Isha is a student at Moravian Academy in Bethlehem, working with Gabriella Dee.

This year's results were particularly interesting for a number of reasons. Taken together, the these observations suggest that the word about materials is alive and well at the high school level. First, both Sophia and Atharv are two time winners of the ASM awards. And, three of the teachers (Mr. Gahman, Ms. Smith, and Ms. Holden) also taught 2015 winners. Finally, one of the winners from last year accepted our offer to attend Materials Camp. She couldn't make it last year but will be coming to this year's camp. So, it's good to see that our efforts and presence at the Delaware Valley Science Fairs are making a difference!

Once again, this year's DVSF proved to be a great experience both for the students and the judges. Of course, as we say every year, more judges are always welcome. This year, the chapter only supplied two judges, so we are actively looking for more to provide additional perspective and spread the workload. If you are interested in finding more information, talk to either of this year's judges, John Janiszewski or Ed Neu.
30th Annual Golf Outing - Monday, June 6, 2016

Hosted By: The Greater Philadelphia Section of ASNT

Closest to the Pin, Longest Drive, Putting Contest
Registration - 7:00 a.m.    Golf - 8:00 a.m. (Shotgun Start)
Buffet - 1:30 p.m. at the
LIMEKILN GOLF CLUB - 1776 Limekiln Pike, Ambler, PA  215-643-0643
IN CASE OF RAIN PLEASE CALL LIMEKILN GOLF CLUB

The 30th Annual Golf Tournament has been scheduled and reservations are now being taken. The cost of this outing is only $95.00, if paid by May 30, 2016, $100.00 if paid after May 30, 2016. Price includes golf fees, golf cart, buffet, refreshments, and prizes.

Hole Sponsors are being sought for this event at all holes. The cost of becoming a Hole Sponsor is only $85.00. A “Sponsor Sign” is included in the cost and will be displayed at your hole.

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30th Annual Golf Outing - Monday, June 6, 2016
Registration Form

RSVP: Golf/Hole Sponsor by May 30, 2016
Cost: $95.00 - Golf & Buffet _____ (Number) $85.00 - Hole Sponsor _____
Foursome:
Name: ____________________________ Name: ____________________________

Name: ____________________________ Name: ____________________________

Amount Enclosed: _________ Checks Payable to "Greater Philadelphia Section of ASNT"

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Return to: Golf Committee:
Anthony Gatti, Sr.  Anthony Gatti
7525 Brous Avenue  215-338-6072; cell: 267-251-8808
Philadelphia, PA 19152  agattisr@yahoo.com

Directions to Limekiln Golf Club:  Limekiln Golf Club is located in Horsham Township, Pennsylvania, on Limekiln Pike (Rt.#152), ½ mile north of Horsham Rd.(Rt.#463). Heading north, the driveway is on the right side of Limekiln Pike, across from Whitemarsh Memorial Park.
Welcome New Members...

Ronald Creed    ALD Vacuum Technologies

To ensure you receive your E-newsletter and yearbook: update your membership listing or your company listing by calling Membership Service, ASM International at 1-800-336-5152 or using the ASMI website at www.asminternational.org. This will permanently update your information. We depend on ASM International to receive our updated Chapter roster.

Check us out on Facebook at:

Check us out on LinkedIn at:
http://www.linkedin.com/groups?mostPopular=&gid=2897863

Check out our website at: http://philadelphia.asminternational.org

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.

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