ASM Members who have devoted their time and energy to the Liberty Bell Chapter will be thanked at the Honors and Past Chairpersons Night.

The Awards Committee selects the award recipients, the Chapter Chairperson makes his selection for the President’s Award, and the Scholarship Committee chooses the Scholarship winners.

The contributions of Chapter members and Past Chairpersons is recognized at this final general meeting of the year.

**Technical Chairperson:**
Sarah Mansuetti - Rex Heat Treat

**Meeting Sponsors:**
Philadelphia Gear and Allied High Tech Products, Inc.

---

**ATTENTION PAST CHAPTER CHAIRS**

Please make every effort to attend this meeting. It’s our 100th Anniversary and we would like to have a good turnout and get a group photograph of as many living past Chairs as possible.

---

**Joseph Ambler Inn**

4:30pm: E&O Meeting • 5:30 - 7:00pm: Networking Hour • 7:00pm: Dinner/Presentation

**Menu:** Choice of Chicken Florentine (Smoked Gouda and Spinach Sauce), or Marinated Flank Steak (Sweet Sherry Demi Glaze); with Pasta Primavera and Green Beans and Julienne Carrots  Dessert: Brownie Sundae

**Prices:** Members and Guests $35 | Retirees $24 | Students and Faculty $15

---

This Month’s E-Newsletter is Sponsored by:

- **micron inc.**
  Analytical Service Laboratory
  Metal Phase Analysis, Polishing, Etching, Grain Size Measurements, Cross Sectioning, Plating Defects and more Services at www.micronanalytical.com
  Call us today at 302.998.1104 micronanalytical@compuserve.com
  SEM - EDS - FTIR - XRD - ESCA - AUGER - DSC - TGA - Legal
MESSAGE FROM THE CHAIR

May 2019

Well this is my last “Message From The Chair” since assuming this role for our Chapter upon former chair Alicia Gaydos’ untimely death in February 2018. It has been a pleasure and great honor to lead this historic ASM Chapter during the difficult time of the transition, our continuing Chapter improvement and modernization program, and the gala celebration of our first 100 years. I look forward to continuing on as a Director and working with our new officers for 2019-2020 to continue the improvements as we head into our next 100 years and meet those challenges as they come along. The next 100 years for our Chapter and ASM will be an exciting one with new engineered materials of all types on the macro-, micro-, and nano-levels, 3D printing for small scale manufacturing, prototypes, or even tooling for larger scale production, as well as new products using artificial intelligence software, new energy modules, and solutions for better living for a more diverse population at all economic levels. Thus, we need young members to join and become more active and bring new expertise to our Chapter and, hopefully, become entrepreneurs to invest in new industry here to build our region in the way it once was done when it was the “Workshop of the World”, to which it was often referred over the past 100 years. Our Chapter has in the past had those entrepreneurs and visionaries, some of whom are still members and active, but we need more to make the next 100 years a true success for our Chapter and our region.

This month, we will be featuring our annual march of the past Chapter Chairs, as well as our awards meeting for our members so deserving of such. Hope to see you all there to cheer on our awardees and recognize our past chairs.

Sincerely,

Norman S. Marcus, P. E.
Chapter Chair, 2018-2019

2019 SUSTAINING MEMBERS
A.L. SINGMASTER PERSONNEL SVC.
APOLLO DESIGNS
B & G MANUFACTURING COMPANY, INC.
CONSULTING ENGINEERS & SCIENTISTS, INC.
CORROSION TESTING LABORATORY
CRAIG CLAUSER ENGINEERING CONSULTING, INC.
DANA CORPORATION
DELAWARE VALLEY UTILITY ADVISORS
ECRI-MSLB
ELEMENT MATERIALS TECHNOLOGY
EXELON POWER LABS
FORENSIC SCIENCES INCORPORATED
FREDERICKS COMPANY/TELEVAC DIVISION
HOEGANAES CORPORATION
IPSEN INC.
LABORATORY TESTING INC.
LECO CORP.
LTK ENGINEERING SERVICES
MAGNA-TECH P/M LABORATORIES
METLAB CORP.
PENN STAINLESS PRODUCTS
PRESSURE TECHNOLOGY, INC.
REX HEAT TREAT
ROBERT WOOLER COMPANY
SOLAR ATMOSPHERES INC.
SOLAR MANUFACTURING INC.
STRUCTURE PROBE INC.
STRUERS INC.
SUPERIOR TUBE COMPANY
TINIUS OLSEN TESTING MACHINE CO., INC.
WE AUTOMATION

INSTITUTIONAL MEMBERS
DREXEL UNIVERSITY
TEMPLE UNIVERSITY
UNIVERSITY OF PENNSYLVANIA
ROWAN UNIVERSITY
VILLANOVA UNIVERSITY
WILLIAMSON COLLEGE OF THE TRADES

Institutional Members
DREXEL UNIVERSITY
TEMPLE UNIVERSITY
UNIVERSITY OF PENNSYLVANIA
ROWAN UNIVERSITY
VILLANOVA UNIVERSITY
WILLIAMSON COLLEGE OF THE TRADES

This Month’s E-Newsletter is Sponsored by:

Craig D. Clauser, P.E.
President
1610 Hunter Circle
West Chester, PA 19380
Celauser-cceci@comcast.net

Phone (610)640-3370
Fax (610)640-3361
Cell (484)678-3371

SOLAR MANUFACTURING
Vacuum Heat Treating Furnaces
Replacement Hot Zones
Aftermarket Parts & Service
Ph 267.384.5040
W solarmfg.com

SOLAR ATMOSPHERES
VACUUM PROCESSING
Heat Treating • Brazing • Carburizing • Nitriding
1-855-WE-HEAT-IT
solaratm.com

DREXEL MATERIALS
PROUDLY SUPPORTS
the ASM International
Philadelphia Liberty Bell Chapter

ASME University
Materials Science
and Engineering
College of Engineering
LEARN MORE >>
www.drexel.edu/materials
MEMORIES OF THE GALA ARE AVAILABLE!

We had a professional photographer as well as our publicity committee taking photographs at the Chapter’s centennial gala on March 21. The photographs from the gala have now been posted on the chapter’s portion of the ASM International website. The link is: www.asminternational.org/web/philadelphia-chapter/gallery

So take a few minutes and browse through this to see the Chapter members and visitors enjoying the food, friendship, and celebration of this unique event!

If anyone has personal photos that they would like to have posted, please send them to John Janiszewski at jjaniszewski@ltk.com.

A PERSONAL THANK YOU FROM THE CENTENNIAL COMMITTEE CHAIRS

Craig and John would like to express our joint appreciation to the chapter members and the ASM family in general for the support during this centennial year. The centennial year started with a gloomy hangover from the loss of Alicia Gaydos last spring, but everyone pulled together and made the centennial successful beyond our wildest expectations. The spirit and energy of the volunteers who worked to raise more scholarship money than we budgeted, let alone hoped, was the first bright spot. It was gratifying to be able to report pledges of over $78,000 at the gala. And, at the gala we saw a great turnout of friends and supporters who had a great time and really put an exclamation point on the year. The Philadelphia chapter can be proud of its heritage and the way it celebrated this achievement. Once again, thanks from the bottom of both our hearts to the chapter membership and friends, and particularly to the volunteers who made our jobs much easier.

John Janiszewski and Craig Clauser

2019 SCHOLARSHIP WINNERS

The winners of the ASM Liberty Bell Chapter scholarships are as follows:

Samantha Dehennis: **Anthony Gallacio Scholarship**
Mark Petrovic: **John J. DeLuccia Memorial Scholarship**

This Month’s E-Newsletter is Sponsored by:

**EEC**
Electron Energy Corporation
Specialists in Rare Earth Magnets and Magnet Systems

**Struers**

**DeHennis Consulting**
Dr. Philip M. DeHennis, PE
267-251-3084
phil@dehennisconsulting.com
dehennisconsulting.com

**PTi**
HOT ISOSTATIC PRESSING
Aerospace • Automotive • Biomedical • Castings
Electronics • Oil & Gas • Power Generation
Powder Metallurgy • Bonding • Additive Mfg.
www.pressuretechnology.com
MARK YOUR CALENDARS FOR THE 33rd ANNUAL GOLF OUTING

Hosted By: The Greater Philadelphia Section of ASNT

Location:  Limekiln Golf Club, 1776 Limekiln Pike, Ambler, PA, 215-643-0643

In case of rain, please call Limekiln Golf Club

Date: Monday, June 3, 2019
Registration: 7:00am  Golf: 8:00am (Shotgun Start)  Buffet: 1:30pm

Closest to the Pin, Longest Drive, Putting Contest

The 33rd Annual Golf Tournament has been scheduled for Monday, June 3, 2019, and reservations are now being taken. The cost of this outing is only $95, if paid by May 28, 2019, $100 if paid after May 28, 2019. 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. A “Sponsor Sign” is included in the cost and will be displayed at your hole. RSVP: Golf Hole Sponsors by Tuesday, May 28, 2019.

Cost:   $95 - Golf & Buffet ___ Number
       $85 - Hole Sponsor

Foursome:

Name: ___________________________________________  Name: ___________________________________________
Name: ___________________________________________  Name: ___________________________________________

Amount Enclosed: ____________________  Make checks payable to “Greater Philadelphia Section of ASNT”


Return Payments to:

Steve Walmsley
C/O Laboratory Testing
2331 Topaz Drive
Hatfield, PA 19440
Cell: 215-272-7205
scwalmsley@verizon.net

UPCOMING EVENTS

<table>
<thead>
<tr>
<th>Date</th>
<th>Day</th>
<th>Speaker/Topic</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/16/19</td>
<td>Thursday</td>
<td>Honors and Past Chair Persons</td>
<td>Joseph Ambler Inn</td>
</tr>
<tr>
<td>6/3/19</td>
<td>Monday</td>
<td>33rd Annual Golf Outing</td>
<td>Limekiln Golf Club, Ambler, PA</td>
</tr>
<tr>
<td>9/19/19</td>
<td>Thursday</td>
<td>Honors and Past Chair Persons</td>
<td>Joseph Ambler Inn</td>
</tr>
</tbody>
</table>

WELCOME NEW MEMBERS!

Omar Elkassabany   | Laura Savage - Carpenter Tech. Inc.   | Jeffrey Lueth - Globe Medical
Annmarie Hafer - King Tester, Corp. (A Sustaining Member Company and Annmarie is their Sustaining Member Rep)

This Month’s E-Newsletter is Sponsored by:

LABORATORY TESTING INC.

Materials Testing  Nondestructive Testing  Failure Analysis  Calibration

Eric Baum
Business Development Manager
2331 Topaz Drive, Hatfield, PA 19440

Cell: 267-664-2142
ebaum@labtesting.com

The Power of PdMetrics

With the ability to minimize unplanned downtime, reduce costs and place your team’s attention where it’s most important, the PdMetrics™ predictive maintenance software platform helps you save valuable resources in terms of time, energy and focus.

www.IpsenUSA.com/PdMetrics
Directions to Joseph Ambler Inn:

From the PA Turnpike (East - West)
Exit at Fort Washington (Exit #339) and follow Rte. 309 North to Stump Road (traffic light — Acura Dealer). Turn Right onto Stump Road, turn Left onto Horsham Road (traffic light) and Right into our driveway.

From PA Turnpike/NE Extension (Rte 476) — Lansdale Exit(#31)
Turn Left from the exit ramp onto Sumneytown pike, follow about 5 miles & turn left onto US-202 North. Turn Right onto Horsham Road and Left into our driveway.

From Center City, Philadelphia. the Main Line and City Line Ave
Take the Schuylkill Expressway West (I-76) to I-476 North to the PA Turnpike East. Go EAST and exit at Fort Washington (Exit #339). Follow Rte. 309 North to Stump Road (traffic light — Acura Dealer). Turn Right onto Stump Road, turn Left onto Horsham Road (traffic light) and Right into our driveway.

1005 Horsham Road, North Wales, PA 19454
Phone: 215-362-7500

Like us on Facebook!
Follow us on: LinkedIn
Check out our website!
http://philadelphia.asminternational.org

This Month’s E-Newsletter is Sponsored by:

[Images of sponsors]

FOR ALL YOUR METALLOGRAPHIC NEEDS SINCE 1968.

1-800-828-6868
www.metlabcorp.com

Industrial Furnaces, Ovens and Quench Tanks
Heat Treating Furnaces
• Highly Uniform
• Custom & Standard
• 60 Years Experience
• Atmosphere Controlled
• Local Service

YOUR THERMAL INVESTMENT DESERVES SPECIAL TREATMENT
877.846.7628 • llfurnace.com
20 Kent Road Aston, PA 19014