**Speaker: DR. DAVID U. FURRER, FASM**

Dr. David Furrer is Senior Fellow Discipline Lead for the Materials and Processes Engineering organization at Pratt & Whitney. In this role he leads the Pratt & Whitney Materials Discipline Chiefs and Materials Fellows in the development of technical strategies, and engineering standards and procedures. David supports the development, design and deployment of new materials and associated manufacturing processes. He is responsible for manufacturing technologies, development and maturation, including computational tools and methods to support legacy and emerging manufacturing process application and design for manufacture. He is involved in additive manufacturing process development along with other emerging manufacturing processes.

Prior to Pratt & Whitney, David was Chief of Strategic Materials and Process Technology and Fellow of Materials and Process Modeling at Rolls-Royce, where he led the strategy for materials modeling tools and methods, and the development and acquisition of advanced materials and processes.

David also held various roles at Ladish Co., Inc. (now ATI Forged Products) where he developed and delivered unique thermo-mechanical processing technology for aerospace and general industrial industries.

He has over 25 years of experience in the areas of aerospace materials engineering, development and application of computational modeling and simulation tools for engineering materials and manufacturing processes, and data analytics.

In addition to previously working within the aerospace and forging industry, he has been an adjunct professor at the Milwaukee School of Engineering, where he taught materials and manufacturing technology courses within the Mechanical Engineering Department.

David is a Fellow of ASM-International. He has served on the ASM-International Board of Trustees from 2010 to 2013. He is also a member of the Connecticut Academy of Science and Engineering. David has received Bachelor’s and Master’s degrees in Metallurgical Engineering from the University of Wisconsin-Madison, and a Doctorate of Engineering from the Universität Ulm, Ulm Germany.

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**The Bellevue Hotel**

5:30pm: Social Hour • 7:00pm: Dinner

200 South Broad Street, Philadelphia, PA 19102 215-893-1234
THE CENTENNIAL HAS ARRIVED!
If you haven’t registered for this unique event by now, unfortunately you probably won’t make it for the bicentennial either, but maybe the nanomaterials and robotics groups can help for that. This celebration, dinner, technical presentations, historical sketches and photographs, and National Officers Night will be held in the same hotel where the chapter was founded exactly 100 years before on the same date, March 21, 1919. Although in recent years, the hotel underwent several partial name changes, it is the same building, except that the Bellevue-Stratford Hotel then was only nine years old – the result of a merger of two famous old hotels of the 19th century for the new building. We look forward to seeing you all there, and the technical presentation qualifies for one PDH, as for other technical meetings. The main technical presentation will be by current ASM president, Dr. David Furrer.

Thus, on March 21, 2019 the chapter and a number of honored guests will celebrate the 100th anniversary of the chapter’s first meeting with a formal dinner at the Bellevue Hotel in downtown Philadelphia. This return to the location of the first chapter meeting exactly 100 years later will be an appropriate setting for both reflecting on where we’ve come and a start to decide where we’re going in the next 100 years. Seeing a volunteer-run organization like the Liberty Bell chapter make it through 100 years is quite gratifying. We should all be proud of our membership and the accomplishments of ASM.

But this time shouldn’t just be an occasion for looking backward. ASM has got where it is due to the involvement and enthusiasm of its members, and going forward, those qualities will be required. Our local chapter is always looking for volunteers to help plan events and manage our programs. If you’re not active in chapter activities, now is the time to decide and volunteer. Any member of the chapter Executive Committee can be contacted to throw your name into the mix.

And, the Chapter’s fundraising effort to establish a Centennial Scholarship is still continuing. The response from our corporate partners has been outstanding, and several individual members have made significant contributions. If you haven’t made a pledge yet, please consider doing so to support this unique program. With your support, the Chapter can continue to lead both the local materials community and ASM into its second century. Donations to the scholarship fund can be made on the ASM International website at https://www.asminternational.org/web/philadelphia-chapter/100th-anniversary-sponsorship.

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

Scholarship winners will be announced and presented at the April meeting! Don’t miss it!
DELTADE VALLEY SCIENCE FAIRS JUDGES NEEDED

Once again this year, ASM chapter members will be involved in judging the Delaware Valley Science Fairs. April 3, 2019 is the judging day for students in grades 8-12. The DVSF is an annual competition for middle and high school students from eastern Pennsylvania, Delaware, and southern New Jersey. In addition to selecting the recipients of ASM prizes for materials-related projects, some members have assisted in judging categories such as physics, chemistry, and engineering. The ASM award medals will be handed out at the awards ceremony on April 6.

But, more judges are always welcome. The judges are all volunteers and come from a variety of technical areas, including industry, education, and research. Although there is not a specific materials category, your materials background qualifies you for a variety of areas.

So, in addition to helping the DVSF, you could help the chapter further its educational goals by being a judge. This year’s fair will be held at the Greater Philadelphia Expo Center in Oaks, PA.

If you are interested in being a judge, you can sign up at www.drexel.edu/dvsf.

If you need more information about judging, or some encouragement, talk to John Janiszewski (jjaniszewski@ltk.com or 215.641.8849).

SUSTAINING MEMBERS NIGHT IS THURSDAY, APRIL 11

Our Sustaining Members Night is a very busy evening. We have a mini-expo in which our sustaining members participate. 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. Also, our scholarship winners for the year are announced and have their scholarships presented to them at the meeting.

Also planned are the presentations by three to five Drexel materials engineering grad students.

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.
**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.

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**Cost:**  
$95 - Golf & Buffet  
$85 - Hole Sponsor

**Foursome:**

Name: ___________________________________________  
Name: ___________________________________________

Name: ___________________________________________  
Name: ___________________________________________

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

**Note:** Payment required by May 28, 2019 for discount. No refunds for Golf & Buffet after May 31, 2019.

Return Payments to:

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

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**UPCOMING EVENTS**

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<th>Speaker/Topic</th>
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<td>3/21/19</td>
<td>Thursday</td>
<td>100th Anniversary Celebration</td>
<td>Bellevue Hotel</td>
<td>Greater Phila Expo Center, Oaks, PA</td>
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<tr>
<td>4/3/19</td>
<td>Wednesday</td>
<td>Delaware Valley Science Fair</td>
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<td>Joseph Ambler Inn</td>
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<td>5/16/19</td>
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<tr>
<td>6/3/19</td>
<td>Monday</td>
<td>33rd Annual Golf Outing</td>
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**WELCOME NEW MEMBERS!**

Dipen Khant, Elgo Trade Inc.  |  Brett Wenger, PV/T  | Kimberly Horrocks, Nelson Steel Products

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This Month’s E-Newsletter is Sponsored by:

![Craig Clauser Engineering Consulting, Inc.](image1)  
Craig D. Clauser, P.E.  
President

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Fax (610)640-3361  
cclauser-ccel@comcast.net

![Allied High Tech](image2)  
Quality Products for Metallographic Sample Preparation & Analysis

Contact Paul Frank  
(609) 465-1118 (HQ)  
(604) 393-8937 (Cell)
The Bellevue Hotel

Transportation
It’s a two-block walk from The Bellevue Hotel to the corner of Broad Street and Locust Street, where the Number 4 bus can bring you to City Hall, the Pennsylvania Convention Center, or Lincoln Financial Field. You’ll be a 15-minute drive from Philadelphia International Airport and nine minutes from the 30th Street Amtrak station.

Parking
Find a convenient spot for any vehicle under 6’4” in the PARKWAY Bellevue Garage, which connects to The Bellevue Hotel via skybridge. Overnight self-parking is $35 per night, while valet parking is $45 per night. Enjoy in-and-out privileges until 5:00 p.m. on departure day.