

ASM International  
Philadelphia "Liberty Bell" Chapter

# Newsletter



[www.asm-philadelphia.com](http://www.asm-philadelphia.com)

Thursday, April 15, 2004

## Sustaining Members Night

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



**Speaker:**

JOHN W. FISHER

Professor Emeritus of Civil Engineering, Lehigh University

**Topic:**

World Trade Center Building Performance Study

Dr. John W. Fisher was Professor of Civil Engineering at Lehigh University since 1964 and became Professor Emeritus on September 1, 2002. He is a structural engineer specializing in steel connections, fatigue and fracture of structural systems and the performance of bridges. He was Director of the Engineering Research Center on Advanced Technology for Large Structural Systems (ATLSS) since its establishment by NSF in 1986 until September 1999. Dr. Fisher is a graduate of Washington University, St. Louis, Missouri, with M.S.CE and Ph.D. degrees from Lehigh University. He was awarded Docteur Honoris Causa from the Swiss Federal Institute of Technology-Lausanne in 1988. He is a member of the National Academy of Engineering (1986). He was elected a corresponding member of the Swiss Academy of Engineering Sciences (1989). Among his awards are the Frank B. Brown Medal from the Franklin Institute (1992), the John Fritz Medal for 2000, and the 2001 Laureate of the International Award of Merit in Structural Engineering from the International Association for Bridge and Structural Engineering.

**TOPIC:** *World Trade Center Building Performance Study*

Dr. Fisher served as a member of the team of civil, structural, and fire protection engineers deployed for the Building Performance Study for the New York City World Trade Center site for the Federal Emergency Management Agency and the American Society of Civil Engineers which was completed and released to the Public and the House Science Committee on May 1, 2002. Dr. Fisher will discuss the observations and findings of the disaster investigation and the structural performance of the World Trade Center Towers with respect to aircraft impact, the spread of fires following the crash- es, and their collapse. He will also examine the effects of damage from falling debris and fires on buildings in the vicinity of the towers.

**Technical Chairperson**

Christopher Constable

Rex Heat Treat

**Meeting Sponsors**

B & G Manufacturing

Consulting Engineers

**Dinner Menu**

Soup du Jour

Fresh Garden Salad

Chicken ala Campana

Baked Stuffed Potato

String Beans Lyonnaise

Ice Cream Cake w/Chocolate Sauce

**Social Hour**

5:30 - 7:00 p.m.

**Dinner**

7:00 p.m.

Price: Members & Guests: \$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](http://www.asm-philadelphia.com)

## ASM Philadelphia Sustaining Members (2003-2004)

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Consulting Engineers, Inc.

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Robert Wooler Company

**Institutional Members**

Drexel University

Temple University

University of Pennsylvania

Villanova University

William Tennent High School

Williamson Trade School

## Chapter Officers 84th Year

Jim Watters, Chairperson  
Delaware Valley Utility Advisors

Scott Nyce, Vice Chairperson  
Solar Atmospheres, Inc.

Travis Nelson, Secretary  
Materials Resources International

Joel Muzik, Treasurer  
Ramball Test Laboratories

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 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](mailto: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 ASM website at [www.asminternational.org](http://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

April, 2004

We had another great meeting in February. Thank you to Liz Hoffman, our Young Members Chairperson for another great Student turnout. And thank you to our own Alan Lawley for his insightful comments on the challenges and opportunities for our Chapter, our Technical Society, and our Profession.

Our April meeting is always the highlight of our Chapter Year. This year should be no exception. We will have Dr. John Fisher from Lehigh as our speaker. Dr. Fisher was a member of the Federal commission that investigated why the World Trade Center collapsed. His talk, World Trade Center Building Performance Study, will share some of his views and findings with us. We will have our Third Annual Graduate Student Poster Contest. This event has become one of the highlights of our Chapter calendar. We will also have displays by a number of our Sustaining Member Companies.

I would like to ask that you take a few minutes to walk around the floor during the extended social hour. That's why it is extended. The people manning the booths are here to speak with you. Their companies may have become sustaining members because they are trying to sell something. Even if you are not in a position to buy anything, take a few minutes to speak with them. It may turn out that you know something or someone, an idea or a contact, that makes their effort worthwhile. At least, they will know you care that they are there.

Last Year's Chair, Don Jordan, has been quietly working behind the scenes on two very important and worthwhile projects. Our Chapter now has a Mission Statement. It was approved at the February Executive and Operating Committees Meeting. A copy appears in this newsletter. We hope you will agree that it helps to provide direction and purpose to our programs. Don's Committee, Long Range Planning, is also in the midst of conducting a survey of our members' interests. You can learn more about the survey in this newsletter. It will be conducted by e-mail. If you do not have e-mail and you would like to participate, you can call me at 215-699-0690 and we will arrange for you to participate by regular mail. Thank you, Don, for your efforts.

Respectfully submitted,  
Jim Watters

## 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...

4-15-04	Thursday	<b>Sustaining Member Night - World Trade Center Building Performance Study</b> <i>Speaker: John W. Fisher- Williamson Restaurant, Horsham, PA</i>	6:00 pm
5-15-04	Saturday	<b>May Social with ASNT</b> <i>Lily Lantrys dinner and show</i>	6:30 pm
5-20-04	Thursday	<b>Drexel Tour of Materials Science Labs</b> LeBow Center, 31st and Market Sts, Philadelphia, PA	9:30 am
5-20-04	Thursday	<b>Honors &amp; Past Chairman Night - Dedicated to All Past Chairpersons</b> Williamson Restaurant, Horsham, PA	6:00 pm
6-7-04	Monday	<b>Golf Outing with ASNT</b> Limekiln Golf Club - Registration 7:00 a.m.	8:00 am

## 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!

## Rescheduled Tour of Material Science Labs at Drexel University - Thurs. May 20th at 9:30-11:30am

We will assemble at 9:30 am in the Lobby of the LeBow Center at 31st and Market Street, which is 1 block west of the 30th Street Station. If you drive, there are public parking lots on Market St. An optional lunch will be at Ecco Qui, located at 32nd and Chestnut Sts., directly opposite the Drexel Main Building. Please call Roger Jones at 215-721-1502 or Jim Watters at 215-699-0690 to let us know that you are coming.

## THE 17th ANNUAL GOLF OUTING

Hosted By The Greater Philadelphia Section of ASNT  
will be a joint outing with the Liberty Bell Chapter of ASM International

### MARK YOUR CALENDARS:

**Monday, June 7, 2004**

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

The 17th Annual Golf Tournament has been scheduled and reservations are now being taken. The cost of this outing is only \$80.00, if paid by May 14, 2004, \$85.00 if paid after May 14, 2004. 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 \$80.00. A "Sponsor Sign" is included in the cost and will be displayed at your hole.

### **Golf Outing Reservation, Limekiln Golf Club, Monday, June 7, 2004**

RSVP: Golf/Hole Sponsor by Saturday, May 17, 2004

Cost: \$80:00 - Golf & Buffet \_\_\_\_\_ (Number) \$80:00 - Hole Sponsor \_\_\_\_\_

Foursome:

Name: \_\_\_\_\_ Name: \_\_\_\_\_

Name: \_\_\_\_\_ Name: \_\_\_\_\_

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

**NOTE: Payment required by May 14, 2004 for discount. No refunds for Golf & Buffet after May 29, 2004.**

Return to:  
Anthony Gatti - Kingsbury, Inc.  
10385 Drummond Road  
Philadelphia, PA 19154

Golf Committee:  
Vince Roding (610) 461-6238  
Fred Klock (215) 659-8424  
Anthony Gatti (215) 824-4000

Directions to Limekiln Golf Club: Limekiln Golf Club is located in Horsham Township, Pennsylvania, on Limekiln Pike (Rt.#152), 1/2 mile north of Horsham Rd.(Rt.#463). Heading north, the driveway is on the right side of Limekiln Pike, across from Whitemarsh Memorial Park.

## Invitation from ASNT

The Greater Philadelphia Section of ASNT is inviting ASMI people to attend their May Social (a dinner show) at Lily Langtry's on Saturday, at 6:30 p.m., May 15th. Cost is \$42.00 per person for dinner and the show titled "HITZ". They are also looking for companies to sponsor cocktails for the evening. Contact Fred Klock at 215-659-8424, Tony Gatti at 215-824-4000 or email afklock@comcast.net.

## Welcome New Members

Robert S. Dembzyński

Frederick R. Kachele Naval Surface Warfare Ctr.

James. F. Koons Bristol Steel Treating Co

John A. McKay Retired

Samuel Ray Williamson Trade School

Robert Wilding Boeing-Helicopters Div.

Jikou Zhou Princeton University

## IMPORTANT NOTICE

**Chapter Members Needed for Important ASM Survey:** Our Chapter is joining with ASM National Headquarters to conduct a first-ever Electronic Membership Needs Survey. The results of this survey are of vital importance to the continuance of our Chapter's success. The survey is done on-line and takes only a short time to complete. Please help our Chapter and ASM by participating in this survey. Thank you very much.

The address to use is:  
<http://www.asminternational.org/PCMemNeeds>  
The survey can be accessed March 1, 2004 through May 14, 2004.

## Advertisers in the 2003-2004 ASM Yearbook

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Struers, Inc.  
Superior Tube Company  
Tinius Olsen Testing Mach. Co., Inc.  
Vacuum Furnace Systems, Corp.  
Villanova University, Dept. of Mech. Eng.  
Westmoreland Mech. Testing Machine  
Williamson Restaurant  
Robert Wooler Company

### **Yuengling Brewery Tour on April 22nd**

**We will be sponsoring a joint tour with the Lehigh Valley Chapter of ASM on Thursday, April 22, 2004. We will be touring the Yuengling Brewery. The tour starts at 6:00 pm sharp. Everyone should be there by 5:30 pm. The tour is about 90 minutes long. For directions and registration people can contact Roger Jones at 215-721-1502 ext 201 or by email [raj@solaratm.com](mailto:raj@solaratm.com).**