



# SPEC *Sheet*

**SOCIETY OF PLASTICS ENGINEERS – CLEVELAND SECTION**

January 2013 Vol. 56 No. 5

[www.specleveland.org](http://www.specleveland.org)

Editor: Bruce Bille

**Bridgestone Research Tour**  
**Monday, January 14, 2013**  
Bridgestone-Firestone  
10 East Firestone Boulevard, Akron

**Agenda:**

- 4:30 Board meeting
- 5:30 Arrival
- 5:45 Tours of Bridgestone Research begin
- 6:15 Last tour departs
- 7:00 Dinner follows at Spaghetti Warehouse  
510 Main St., Akron, OH

**Price:** Member and/or guest \$20.00  
Retired \$15.00  
Student and/or guest \$5.00



Reservations must be in by noon on Monday January 7<sup>th</sup> with  
Mark Holtman at [holtman@uakron.edu](mailto:holtman@uakron.edu) or 330-972-6008  
to allow for security screening.

**2012 – 2013 Section Officers and Board of Directors**

***President***

Gary Casterline  
[gcasterline@gmail.com](mailto:gcasterline@gmail.com)  
C: 330-240-2543

***Secretary***

Brian Sarvas  
[sarvii@hotmail.com](mailto:sarvii@hotmail.com)  
C: 440-396-8329

***Treasurer***

Jerry Blayne  
[blayneji@att.net](mailto:blayneji@att.net)  
W: 440-526-4113

***Past President***

Robert Koch  
[BKoch@boymachines.com](mailto:BKoch@boymachines.com)  
W: 484-645-3297

***Advertising***

John Sovis  
[jsovis@juno.com](mailto:jsovis@juno.com)  
330-405-6770 F:330-405-6773

***Councilor***

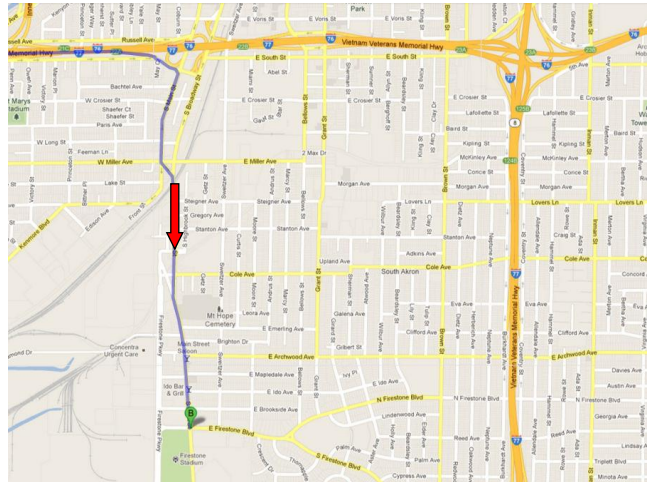
Gary Petruska  
[petruskagr@sbcglobal.net](mailto:petruskagr@sbcglobal.net)  
H: 330-755-1341

***Director***

Naresh Alle  
[naresh.alle@polyone.com](mailto:naresh.alle@polyone.com)  
C: 440-935-9711

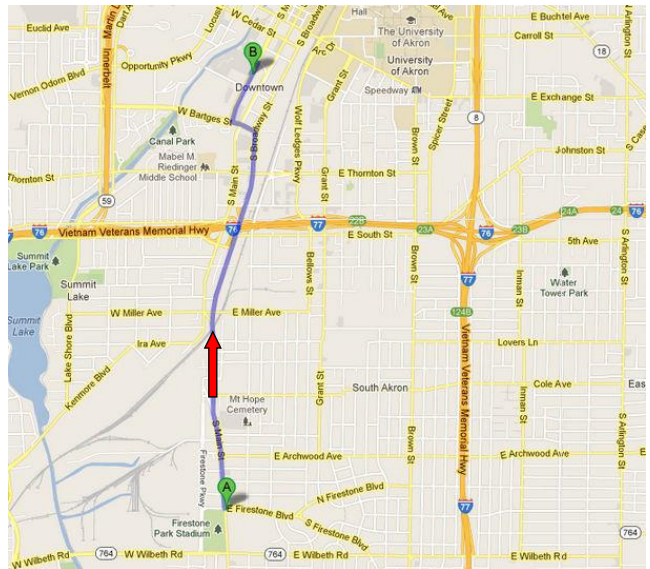
**Directions to Jan 14<sup>th</sup> meeting:**

1. Take I-77 to the I-76E merge on Akron's south side.
2. Exit 22A (South Main Street).
3. Continue south for 1.3 miles
4. Bridgestone Firestone is located at the corner of South Main St. and Firestone Blvd. There are parking spaces near the front door of the new building.



**Directions from Bridgestone Firestone to Spaghetti Warehouse, 510 S. Main St., Akron, OH**

1. Exit Bridgestone Firestone, returning north on S. Main Street for 0.9 miles.
2. Bear right at the Y, taking S. Broadway St. north for 0.9 miles.
3. Turn left on W Bartges St.
4. Take the second right, turning north on S. Main St.
5. Make a U-turn at Rosa Parks Dr.
6. Spaghetti Warehouse will be on your right, 510 S. Main St., Akron, OH.



**CASTERLINE PLASTICS CONSULTING**

**GARY CASTERLINE  
PRESIDENT**



- MATERIAL SELECTION
- PLASTIC PART DESIGN
- PROCESSING SUPPORT
- FAILURE ANALYSIS
- TRAINING

[www.CasterlinePlasticsConsulting.com](http://www.CasterlinePlasticsConsulting.com)  
[GCasterline@gmail.com](mailto:GCasterline@gmail.com)

cell: 330-240-2543  
7895 Raglan Drive, Warren, OH 44484

**BOY MACHINES INC.**  
199 Philips Road  
Exton, PA 19341-1335



Spritzgiessautomaten

**Robert Koch**  
Midwest Regional Sales Manager

Cell: 484-645-3297  
[bkoch@boymachines.com](mailto:bkoch@boymachines.com)  
[www.boymachines.com](http://www.boymachines.com)

## President's Message

By Gary Casterline

Happy New Year!

Most of you missed a great tour of the MAPS (Military Aviation Preservation Society) Museum. Unfortunately the weather was a little nasty so we did not spend much time touring the aircraft that were parked outside. The aircraft inside were nicely restored and a few were still in the process of being rebuilt. There was also a room with many artifacts from the wars we have been involved with over the last 100 years. They are open for tours on your own, so I recommend you take the time to check them out. Do it on a nice day to get the best tour.  
<http://mapsairmuseum.org/>



The Bridgestone Research tour should also be an outstanding event. It will be hosted by Akron SPE. We hope to see you there on January 14.

We are announcing our tour of PET Processors in Painesville on the last page. They are asking for a chance to approve all attendees. If you are interested in coming to this tour, you don't have to wait until next month's announcement. Let me know now so I can start building an approval list. No walk-ins will be allowed. We do not have dinner arranged yet, but assume it will be \$25 for all attendees.

Gary Casterline

### Plastics Word Search

ADDITIVE	E V U C I L O N E H P P F P O
BLOWMOLD	N F N E T A L P C L O M N T C
CAVITY	I T S D R A F T A K B P C J J
CROSSLINKED	S Y X G N I S S E C O R P K O
DRAFT	E L Z Z O N T K T O O P K E W
ENGINEERING	R E Z I L I B A T S C R E W R
EXTRUSION	E X J V C A M H S L I D E S N
FILM	C T Z G E L E L I F T E R S C
HOPPER	Y R Q D I R I N J E C T I O N
INJECTION	C U J F M N A C A V I T Y P T
LIFTERS	L S M A K S O D L O M W O L B
NOZZLE	E I L E N G I N E E R I N G G
PHENOLIC	O O D Y P I P I N G N W Y A K
PIPING	A N L M E V I T I D D A E M B
PLASTIC	M H T H E R M O S E T S I I I
PLATEN	
PROCESSING	
RECYCLE	
RESIN	
SCREW	
SLIDES	
STABILIZER	
THERMAL	
THERMOSET	

Answers are provided on Cleveland Chapter's website. [Click Here](#) to go there now.



## Upcoming Events

Date	Event	Location
2/24-27	2013 SPE International Polyolefins® Conference	Hilton Houston North Hotel Houston, Texas

### SPE Cleveland Section Programs

Month	Date	Topic	Location
February	2/11	PET Processors Tour	Painesville
March	3/11	Alpha-Micron/Kent Displays Tour	Kent
April	4/8	Lincoln Electric Tour	Dinner at Lincoln in Euclid
May	5/13	Awards	Cleveland

## February's SPE Cleveland Meeting

**PET Processors LLC** is a privately held company with 28 years of polymer processing expertise. Headquartered in Painesville, OH, PPLLC offers customer thermoplastic compounding and processing services including custom compounding, solid state polymerization, melt filtration, pelletizing, crystallization, drying, blending, and de-dusting.

In addition, PPLLC provides recycling solutions for post consumer and post-industrial resins including PET. Single screw extrusion technology is used to melt, process, and filter recycled flake into pellets.

Please join us on February 11, 2013 for a tour of the PET plant and catered dinner. The plant tour will include a very extensive tour of their operation including the compounding facility, in-process labs, and their Solid Stating area. We will not be able to tour their recycling area, but the program will be described in detail. Tours will begin at 5:00 pm in groups of 8 to 10 individuals.

Please make your reservations early, as PET has been given the opportunity to qualify all visitors and may choose to disallow competitors. Reservations should be made early with Gary Casterline, 330-240-2543, [gcasterline@gmail.com](mailto:gcasterline@gmail.com), and he will need to include the company affiliation, full name and phone number of the attendee.

# SCREW TIPS

## FOR PLASTIC INJECTION MOLDING

**3 PIECE RING VALVES**

**5 PIECE RING VALVES**

**BALL CHECK VALVES**

**POPPET CHECK VALVES**



**COMPONENT MANUFACTURING AND DESIGN**

3121 Interstate Parkway, Brunswick, OH 44212

Phone: 330 225 8080

Fax: 330 225 8777

Email: [mail@cmd-tip.com](mailto:mail@cmd-tip.com)

Internet: [www.cmd-tip.com](http://www.cmd-tip.com)