



SPEC *Sheet*

SOCIETY OF PLASTICS ENGINEERS – CLEVELAND SECTION

March 2013 Vol. 56 No. 7

www.specleveland.org

Editor: Bruce Bille

AlphaMicron, Inc.
Monday, March 11, 2013
1950 State Route 59
Kent, Ohio

Agenda:

- 4:30 Board meeting
- 5:00 Tours of AlphaMicron begin
- 6:30 Meeting moves to Bistro on Main
- 6:45 Presentation “Plastic and the Flexible Display Industry”
- 7:15 Dinner following presentation

Quick Clicks:

[Directions to the Meeting](#)
[President’s Message](#)
[SPE-Cleveland Website](#)
[SPE-C Future? Tell us!](#)

Price: Member and/or guest \$30.00
Retired \$25.00
Student and/or guest \$10.00

Reservations must be made by noon on March 8 to Mark Holtman
at holtman@uakron.edu or 330-972-6008

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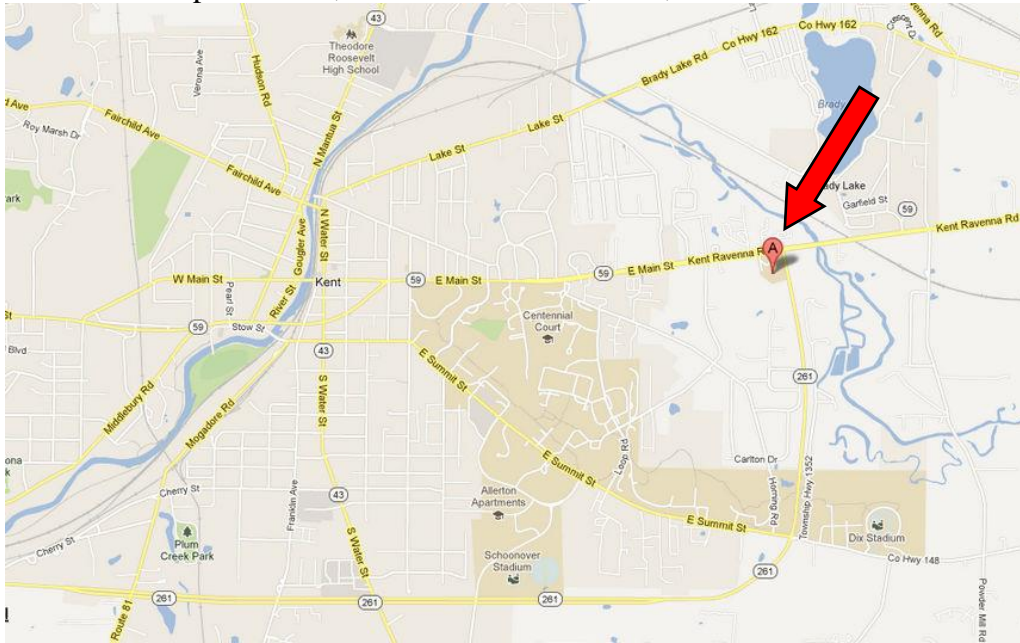
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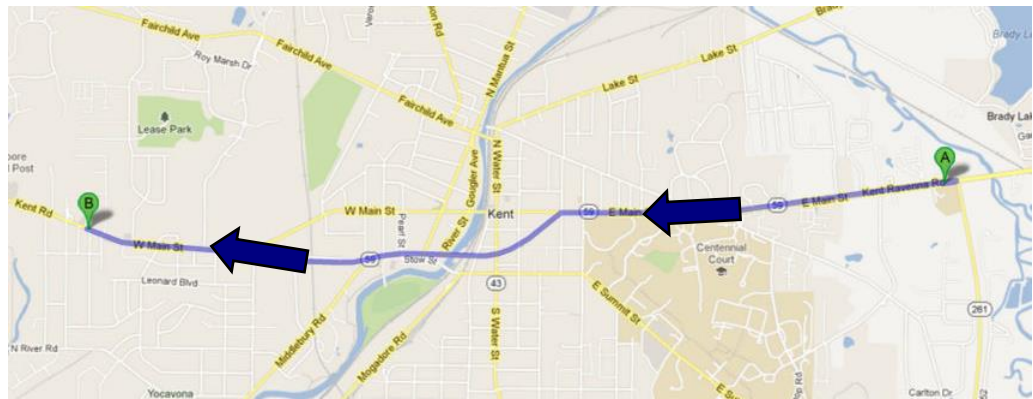
Directions to March 11th meeting:

There are multiple routes to AlphaMicron, located just east of Kent, OH.

Location of AlphaMicron, 1950 State Rte. 59, Kent, OH:



Directions to Technical Presentation and dinner at Bistro on Main, 1313 W. Main Street, Kent, Ohio:



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President's Message

By Gary Casterline

Hi everyone,

Last month's announcement about the Cleveland Section going out of business was met with only one heartfelt reply. I know he meant it. Either nobody else noticed or nobody else cared. I am not sure if it matters. We are not totally giving up. We will be sending out a separate appeal. Probably in the form of a questionnaire. We have three choices: reinvent ourselves, merge with another section or stop altogether (until some group comes along that wants to start this section again).

We are still having great meetings. The tour of PET Processors was very interesting. What a huge complex situated on Lake Erie. Not what it used to be when the Rayon Corporation ran it with 4000 employees, but still a very interesting enterprise. Pretty good turnout, but why didn't you want to see it? Kent Displays is doing some amazing things. Unfortunately I will be out of the country, but I have done some work with them and they are really on the cutting edge of technology. And they are right here in our area!

Sorry for being a little negative, but I really hate to see this organization dry up like it is. At least some of us can remember the good old days and smile about them. Those were the days!

Gary Casterline



Upcoming Events

Industry Events			
Month	Date	Topic	Location
April	22-24	ANTEC 2013 (Click Here for more information/registration)	Duke Energy Convention Center Cincinnati, Ohio, USA

The Society of Plastics Engineers (SPE) is announcing a new **FastTrack** training program which will be held April 24-25, 2013 in Cincinnati. FastTrack is being held in conjunction with ANTEC 2013, the SPE's annual technical conference.

Five different courses will be offered, covering areas of most relevance to today's plastics professionals. The two-day courses are Injection Molding Troubleshooting: A Virtual Workshop, Extrusion of Engineered Plastics and Thermoforming Process Technology. One day instruction will be offered on Screw Design Fundamentals and Design and Processing of Medical Devices.

Single-day course fees are \$695; two-day course participation is \$1,195. Discounts are available for groups of three or more. Fees also are reduced for single-registrant combinations of one- and two-day courses. Fees include materials, lunch and beverage breaks. To register, or for more information: www.ptifasttrack.com or call 419 867-5424.

See the event flyer at the end of this newsletter for more details.

SPE Cleveland Section Programs			
Month	Date	Topic	Location
April	4/8	Lincoln Electric Tour	Dinner at Lincoln in Euclid
May	5/13	Awards	Cleveland

March SPE Cleveland Meeting

AlphaMicron, Inc. is a high tech company located in Kent, Ohio, specializing in research, development and production of multiple liquid crystal applications for the military and consumer.

The tours (about ½ hr each) will start at 5:30. Their manufacturing runs only during the day shift so we will see the roll-to-roll line, etc., and their products, but we will not see the line in operation.

Tours at AlphaMicron will be followed by a presentation on “**Plastics and the Flexible Display Industry**” by **Asad Khan of Kent Displays**. Dr. Khan joined Kent Displays in 1995 as a Research Engineer. He has since held roles of increasing responsibility, most recently as the Vice President of Technology and as a member of the Executive Committee. He replaces Dr. J. William Doane, a pioneer in reflective LCD technology and Director Emeritus of the Liquid Crystal Institute at Kent State University. Dr. Khan has published over 60 papers in U.S. and international journals and possesses over 15 U.S. and international patents (with several applications pending).

ANTEC 2013

ANTEC 2013 is being held right down the road in Cincinnati, OH, from April 22-24 at the Duke Energy Convention Center. Plenary Speakers scheduled:

“Fractal Structuring in Polymer Processing”

- Han Meijer, Professor, TU/e:
Eindhoven University of Technology

“New Polymer Materials Developed in SINOPEC”

- Dr. Jinliang Qiao, Vice President,
SINOPEC Beijing Research Institute
of Chemical Industry

“Abundant U.S. Shale Gas Supplies Are Revitalizing the Plastics Industry”

- Dwight N. Tozer, Vice President,
Adhesion Industry Business,
ExxonMobil Chemical Company

“Driving Innovation in the Wire and Cable Industry”

- Gregory J. Lampert, Executive Vice
President, President & CEO, The
Americas General Cable North
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Questions? Contact us:

Mark Spalding	Barbara Spain
Technical Program Chair	Events Program Manager
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SPE Cleveland Meeting Future – Membership Poll

We assume that most members know that the Society of Plastics Engineers (SPE) was founded in 1942 in Detroit. The original founders were a small social group of plastic salesmen looking to improve their understanding of the technology underpinning the young rapidly growing plastics industry. Similar groups (Sections) were soon formed in other major cities.

The Cleveland Section was organized in 1943 and is the third section of SPE. The Cleveland Section grew steadily during the first fifty-five years, reaching a membership of over seven hundred. However the past fifteen years have seen a decline in membership to less than three hundred. While this sixty percent loss of members is distressing, the poor member attendance at meetings and the lack of volunteers to serve on the Board of Directors has precipitated a crisis. We have been regularly losing money on our monthly meetings and had to cancel the November meeting due to lack of interest. The board of directors has declined from fifteen members to six which is not enough to supply the officers and committee chairmen needed to properly operate the section. At this time we have no Vice-President (President-elect) to lead next year and the program, education and house committee chairmanships are vacant. The remaining board members are the required officers and we have all served many years on the board and multiple times as officers. We do not feel we can continue alone in this situation, but do not want to let the section dissolve by apathy.

We offer three paths forward and ask each member to vote for one by responding to an on-line poll.

The three options the board has recommended include:

1. Revitalize the Cleveland Section.

For this to happen we will need a minimum of six new board members willing to work on revitalizing the section. The present board members would agree to stay on one more three year term to insure continuity.

2. Merge with other Northern Ohio Sections of SPE.

The President of the Cleveland Section would initiate discussions with the Akron and Toledo sections to explore merger interest.

3. Voluntary Deactivation of the Cleveland Section.

If this is the majority response or if we receive no response to this communication, the board will start the process of initiating the deactivation petition to the SPE Chief Executive for Council action.

We would appreciate your to this questionnaire by March 31, 2013.

Please use the following link and us know your recommended option as listed above:

http://www.specleveland.org/SPE-C_future.htm

We would also appreciate any comments or ideas you have. Include them in the text box in the on-line poll, or send an e-mail to one of the [Board members](#), whose e-mail addresses are listed on the front page of this SPECsheet and available on the [website](#).

Finally, if you would like to volunteer to serve on the Board of Directors or help in anyway, please indicate and add the preferred phone number where we can contact you.

Don't let the Cleveland Section of SPE die of APATHY!

-- Your SPE Cleveland Section Board

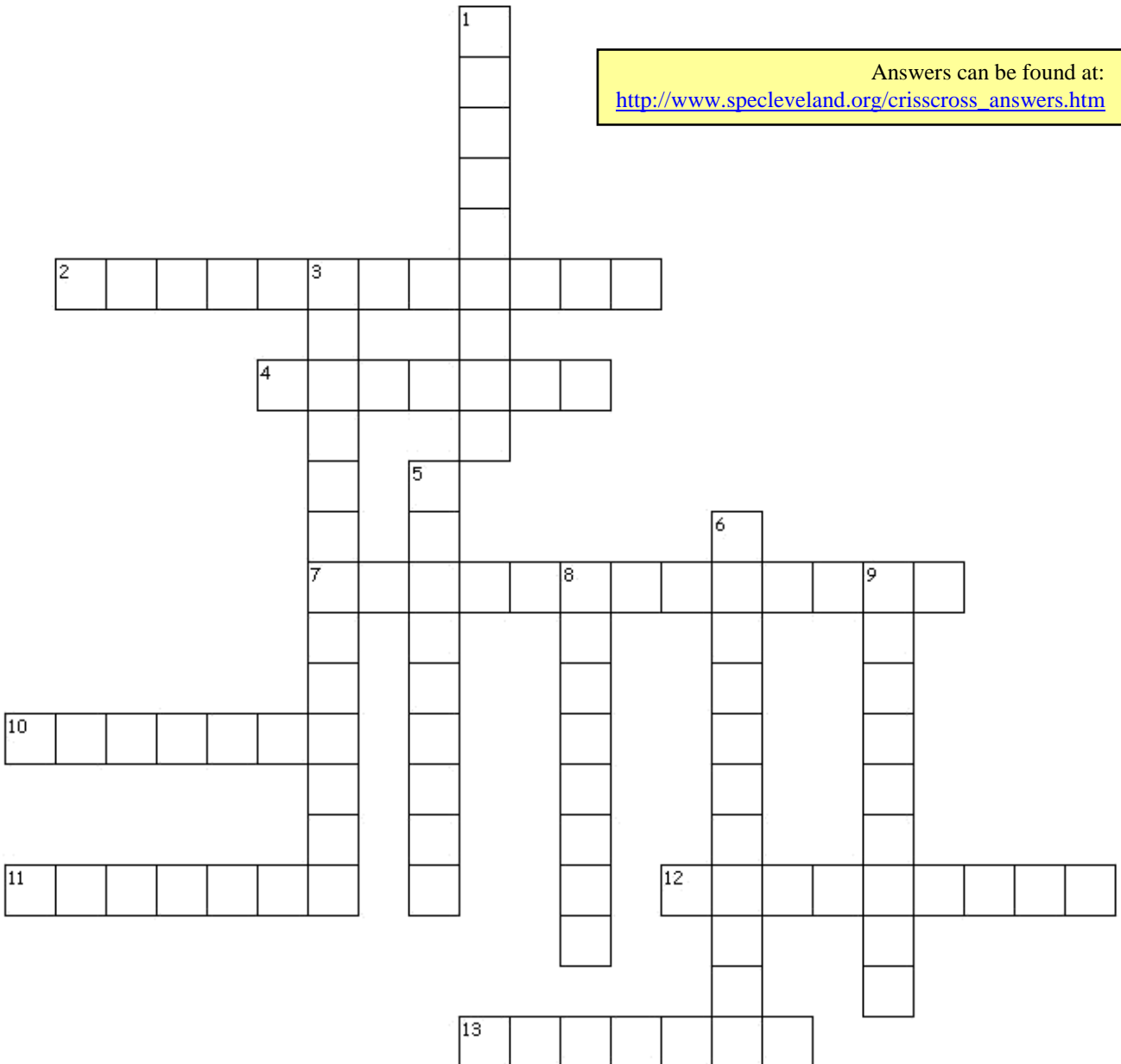
SPE-Cleveland Criss-Cross Puzzle

Across

- used in supermarket bags, plastic bottles
- process using materials (waste) into new products to prevent waste of potentially useful materials
- used in security windows, traffic lights, lenses
- an object or substance's tendency to be deformed elastically
- material is any of a wide range of synthetic or semi-synthetic organic solids that are moldable
- a bond that links one polymer chain to another
- chemical compound consisting of repeating structural units

Down

- used for insulating parts in electrical fixtures
- a polymer that becomes pliable or moldable above a specific temperature, and returns to a solid state upon cooling
- used in fibers, textiles
- used in food packaging, vending cups
- materials contained in plastics compounding to make the product cheaper by weight or to add special properties
- a polymer material that irreversibly cures.



SPE - Cleveland Section S03

Feb 11, 2013 Board Meeting Minutes

Gary Casterline opened the meeting at 4:40 PM with 5 members present.

Present: Gary Casterline, Gary Petruska, Jerry Blayne, Bob Koch and Brian Sarvas.

Absent: John Sovis and Naresh Alle.

Treasurer's Report: Jerry Blayne reported the Beginning Balance = \$32,438.45, Income = \$25.00, Expenses = \$228.00, Ending Balance = \$2,235.45. Gary Casterline motioned to accept, Gary Petruska seconded and the motion carried.

Secretary's Report: Jerry Blayne motioned to accept the minutes as printed, Gary Petruska seconded and the motion carried.

National Councilor's Report: No Report.

Program Report: Bob Koch announced the March meeting will be administered by the Akron Section. The Lincoln Electric tour for April is set and Bob is arranging for the food to be catered. The May, Student awards meeting will be at Panera in Westlake.

Advertising: No new advertisers.

SPEC Sheet / Web site Report: No report.

Membership: Gary Petruska reported 291 active members and 95 members suspended.

House: Gary Casterline reported 31 registered attendees.

Education: Gary Casterline reported 35 essays submitted from Rocky River, and 1 returning scholarship awardee.

PIC: No report.

Awards: Gary Casterline has the award ready the meeting.

Old Business: Jerry Blayne is drafting a letter and a questionnaire for the membership regarding the future existence of the Section. A response will be required by March 31st.

New Business: No new business.

Gary Casterline motioned to adjourn the meeting, Gary Petruska seconded and the motion carried. The meeting ended at 5:00 PM.