



SPEC *Sheet*

SOCIETY OF PLASTICS ENGINEERS – CLEVELAND SECTION

September 2012 Vol. 56 No. 1

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Editor: Bruce Bille

Hydraulic Fracking: Context and Consequences

by Dr. Douglas Southgate, Ohio State University

Wednesday, September 19, 2012

Yellow Tail Restaurant

4054 Medina Rd., Fairlawn, OH 44333

Agenda:

- 4:30 Board Meeting (at Chili's Grill & Bar, 4022 Medina Road)
- 5:30 Social/Networking
- 6:00 Dinner
- 7:00 Program

Cost:

Members/Guests: \$25.00
Students: \$8.00

Quick Clicks:

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Dinner: Delicious Buffet that features a 160-foot seafood buffet counter brimming with over 30 kinds of sushi and over 15 dishes are served at both the fresh salad bar and hot entree section. A delectable dessert bar with over 20 petite cakes and fresh fruits are included. A cash bar will also be provided. Dinner includes coffee, herbal tea, and water.

Reservations must be in by noon on Monday September 17th
to Dr. Michael Davis, mdavis.nmr@gmail.com

2011 – 2012 Section Officers and Board of Directors

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gcasterline@gmail.com
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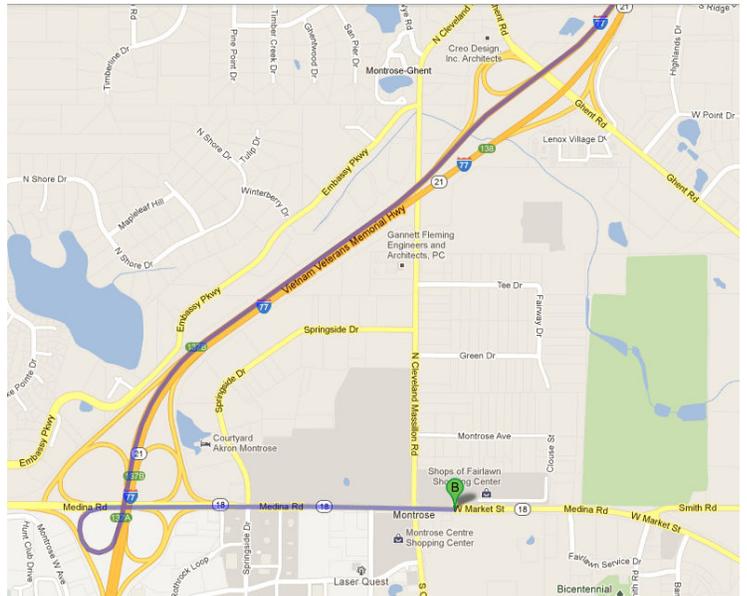
Gary Petruska
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Director

Naresh Alle
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Directions to September 19th meeting:

From Cleveland, take I-77 South.
Take Exit 137A for Medina Road (Rte 18) East
In 0.8 miles, Yellow Tail Restaurant,
4054 Medina Rd., will be on the left



About the Program

Thanks to technological improvements, driven largely by market forces, production of natural gas and other hydrocarbons from deep shale formations and other unconventional deposits has increased substantially in recent years. The chemical industry and polymer firms in Ohio are expected to benefit as energy and feedstock become more inexpensive, although expansion of this sector of the state's economy will also depend on inter-regional competition for NGLs extracted from the Utica play as well as access to national and international markets.

About the Speaker

Dr. Douglas Southgate is an economist with a doctorate from the University of Wisconsin and has been a faculty member in the Department of Agricultural, Environmental, and Development Economics at Ohio State University since 1980. Dr. Southgate is the author of five books and numerous articles and scholarly papers addressing a wide variety of topics, including the causes of tropical deforestation and the pricing of water resources. He has worked for the World Bank, the Inter-American Development Bank, the U.S. Agency for International Development in sixteen African, Caribbean, and Latin American nations and directed Ohio State's Center for Latin American Studies from 1994 to 1997. In September 2011, he was named co-director of the university's new Subsurface Energy Resource Center.



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President's Message

By Gary Casterline

Hi everyone! I am back again as your Cleveland Section president. What has happened since I last had this honor? I retired for about 18 months. I decided I could not afford to be retired and still be able to go to New Zealand to visit my daughter where she now lives. Luckily I found a job. Now I drive a lot closer to Cleveland than I used to. I still do a little consulting on the side so I can take even more vacations and weekend trips. Overall – Life is still good! That is one of my mantras for those who have not been around me much. I have a few others, but I like that one about the best.



Let's talk a few minutes about your Cleveland SPE Section. As has become the case, we have quite a few members (253) that we never see. That is actually most of you. Our meetings consist of the same 15-20 people which we are very grateful to see, but at most restaurants there is a 25 person minimum for us to book a meeting room. This means we pay for people who aren't there! We have joined up with the Akron Section for the last couple years to share programs and that has helped considerably. I hate to be the one to bring up the good old days when we had 50-75 at every meeting and we used to have a limit on the number of golfers we could add to our outings, but now we cannot muster enough people to even consider a golf outing or even a TOPCON. We have had a few good turnouts to meetings, but it is far from being the norm. I suppose everyone can just Google their plastics information now and I have to admit, I am a major Google fan. However, we do put on some very interesting programs and tours that are really worthwhile. If you did not make it to the Lazseray tour last year, you missed an awesome event. We try each meeting to come up with meetings that could make you smarter as well as being entertained. You really should try to come to at least one meeting this year. If each of you did that, I would be ecstatic.

One other related subject is our board of directors. We have added a two people over the last couple years, but we have lost more than we gained. Primarily our group is 6 people. It is a dedicated group, but unless you want to see me become president for a fourth time, we could really use some new blood. We meet for one hour before each monthly meeting. Of course there is some work to do between meetings to get ready for the next event, run our essay contest, solicit scholarship applications, work with helping to get a student section revitalized, work on next year's programs and generally help other committee chairman as needed. If you would like to just visit a board meeting to see if it is right for you, we would be glad to have you sit in.

You might ask yourself, "Why have a meeting on Fracking"? We are joining the Akron Section as well as an Akron Engineering Society for this event. I don't know about your area, but fracking is taking place within a few miles of my house. One of my friends is hoping to get a good check for the rights to his gas deposits under his 5 acres. Can you describe what fracking is? Is it dangerous? Will it be part of the boom that Northeast Ohio needs to put us back in the black? Instead of using Google, try joining us for this meeting to see what a real person has to say about this subject.

Cheers! Gary Casterline

SPE - Cleveland Section S03

May 14, 2012 Board Meeting Minutes

Meeting was brought to order by Bob Koch at 4:45 PM at the Panera Bread in Rocky River, OH. Attending were Naresh Alle, Gary Casterline, Gary Petruska and Jerry Blayne

Treasurer's report (Blayne) – We are losing about \$5000 a year. Rebates don't amount to much, no money makers like golf outings and TOPCONS anymore and monthly newsletters and poor meeting attendance are reducing our funds routinely. We do give money to students for the essay contest, scholarships and science fairs which is one of our purposes, but how many years can we do this and still stay afloat? Current worth - \$32,101.04. Report approved (Casterline/Petruska)

Advertising report (Casterline for Sovis) – We still only have two advertisers, but it is something. John is ready to send out a mass email to prospective advertisers again. He is trying to revise the procedure for accepting advertising. He and Jerry Blayne need to get together to figure out a methodology.

Education (Casterline) – Awards will be given to students tonight. List shown below.

Councilor (Petruska/Alle) – Not much happened at meeting. Tricia McKnight is leaving for another opportunity. We will miss her. Trying to organize and Asian ANTEC every other year opposite the timing of a European ANTEC. We got our rebate for this period.

Student Chapter – Case Western Reserve wants to start up their chapter again according to Dave Schiraldi. We need to see how we can help them. More contact needed.

Board assignments – President for 2012-3 will be Casterline and Program Chairman will be Alle. All other assignments will remain the same.

Programs – This list was provided to Akron. Alle to negotiate with them.

<u>Program/Idea/Location</u>	<u>Owner</u>	<u>Status</u>
Lubrizol Plant Tour, Brecksville	Naresh	Needs to ask
Thogus Talk on Rapid Prototyping, neutral mtg location	Koch	Agreed to talk anytime
Polychem Tour, Mentor	Koch	Will ask
PET Processors Tour, Mentor	Koch/Sarvis	Will ask
3M Factory - Sponges?, Elyria	?	?
Lincoln Electric Tour, Cleveland	Koch	Will ask
Colorants - Terra Tech - Jamie Przybylski, neutral mtg location	Koch	Agreed to talk anytime

Meeting adjourned at 5:24 PM.

 <p>CPC CASTERLINE PLASTICS CONSULTING</p> <p>GARY CASTERLINE PRESIDENT</p> <ul style="list-style-type: none">MATERIAL SELECTIONPLASTIC PART DESIGNPROCESSING SUPPORTFAILURE ANALYSISTRAINING  <p>www.CasterlinePlasticsConsulting.com GCasterline@gmail.com</p> <p>cell: 330-240-2543 7895 Raglan Drive, Warren, OH 44484</p>	<p>BOY MACHINES INC. 199 Philips Road Exton, PA 19341-1335</p> <p>Robert Koch Midwest Regional Sales Manager</p> <p>Cell: 484-645-3297 bkoch@boymachines.com www.boymachines.com</p>	 <p>BOY[®] Spritzgiessautomaten</p>
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SPE - Cleveland Section S03

July 23, 2012 Board Meeting Minutes

Gary Casterline opened the meeting at 5:45 PM with 6 members present.

Present: John Sovis, Brian Sarvas, Gary Petruska, Gary Casterline, Jerry Blayne and Naresh Alle.

Treasurer's Report: Jerry Blayne distributed copies and reported. Beginning Balance = \$34,645.76, Income=2,540.14, Expenses = \$7,495.41, Ending Balance = \$29,690.49. Jerry motioned to charge all Board members \$200.00 annually for the 8 meetings. The motion was voted down. Gary Casterline motioned to accept the report, Gary Petruska seconded and the motion carried.

Secretary's Report: Brian Sarvas motioned to accept as distributed, Gary Petruska seconded and the motion carried.

National Councilor's Report: Gary Petruska requested to attend the September meeting in person, Gary Casterline motioned the attendance, Naresh Alle seconded and the motion carried.

Program Report: Naresh Alle was advised to contact the Akron Section to discuss their program schedule and potential joint meetings.

Advertising: John Sovis recommended a new reduced rate schedule for advertising, to attract more advertisers. John motioned to accept the new rate schedule, Jerry Blayne seconded and the motion carried.

SPEC Sheet / Web site Report: All submissions are due 4th. The Board reviewed newsletter historical costs and discussed the potential budget.

Membership: Gary Petruska e-mailed the report to the Board.

House: Gary Casterline requested the Board investigate new potential meeting locations.

Education: Gary Casterline reviewed previous costs and proposed a budget. John Sovis motioned to accept the proposed budget, Jerry Blayne accepted and the motion carried.

PIC: No report.

Awards: No Report.

Old Business: No old business.

New Business: No new business.

Gary Petruska motioned to adjourn the meeting, Jerry Blayne seconded and the motion carried. The meeting ended at 7:29 PM.



Geographically, the Cleveland area is still a stalwart of the polymer industry, so it is surprising to find the Section's membership has dipped below the top 10 in the nation.

This organization is the "go-to" resource for 20,000 plastics professionals around the world and provides members access to valuable technical information.

Help us help you!

- Recommend co-workers as prospective members
- Attend the monthly meetings
- Volunteer for committees or Section positions

Upcoming Events

Date	Event	Location
Sep 10-12	TOPCON 2012 Click Here for link to site, or on the following: Information Brochure / Call for Sponsors / TPE Ad 2012	Hilton Akron -Fairlawn 3180 West Market Street Akron, Ohio 44333
Oct 9-10	28th Annual Blow Molding Conference http://www.blowmoldingdivision.org/2012conference.html For information: E-mail: info@plastictechnologies.com	Sheraton Station Square Pittsburgh, PA
Oct 22-24	VINYLTEC 2012 Program info, register: www.4spe.org/vinyltec-2012 Advertisement in this newsletter: Click Here	Marriott O'Hare Hotel Chicago, IL

2012 TPE TOPCON

from SPE Akron Section

We have 26 papers in the final two-day program of the 10th TPE TOPCON to be held in the Akron Fairlawn Hilton on Monday, September 10 through Wednesday, September 12, 2012. Each day the papers progress through the product development process from market and economic assessment through design and processing to recent applications. Our goal is to have at least 240 attendees and 30 exhibitors at the TOPCON. To achieve this goal we have sent out the Advanced Program and Registration brochure to SPE and TPE SIG members in the US, Canada and overseas. We have advertised the TOPCON in *Plastics Engineering* and sent e-mails to all SPE members. We are very pleased to have GLS/PolyOne as our Gold sponsor, BASF as our Premier Sponsor, Kraiburg as the Tuesday night Wine and Cheese Reception sponsor and ExxonMobil Chemical as the sponsor for the Monday night Welcome Mixer. The Tuesday lunch will be sponsored by Star Thermoplastics. Carrington Smith of Air Products will be the lunch speaker. His topic is "Drivers of Open Innovation." The Wednesday lunch is sponsored by Kuraray. The lunch speaker is Mark Vann of General Motors who will speak on "The Future Outlook for Alternative Fuel Vehicles." Our coffee break sponsors are RTP, S&T Group and Harwick Chemicals. A. Schulman will be the registration sponsor. All sponsors will be well recognized for their contribution to the TOPCON.

Exhibits will open at 5.00pm on Monday evening, the same time as the Mixer commences and will stay open during the Conference. As before a Poster Session will be included in the program which will feature the latest research on polymer topics by students at the University of Akron. The posters will be included with the exhibits at the mixer and throughout the conference.

If you are in the TPE business or wish to learn more about this important and growing class of elastomeric materials which can be melt processed like thermoplastics please come and join us. Above all please help promote the 2012 TPE TOPCON to your associates and customers.

Thanks for your help. Let's make the 2012 TOPCON a great success.

-- Viv Malpass, Akron Section TOPCON Co-Chairman

2012 Awards Banquet

At our Awards Banquet in May, we awarded our student essay contest and scholarship winners. The award winners are as follows:

2012 Essay Contest Winners				
1st	Allison Stanton	Rocky River	The Versatility of Plastics (U)	\$150
2nd	Trevor Parke/ Eric Heald	Rocky River	Plastics! The Key to the Future (W)	\$100
3rd	Max Barrow	Rocky River	Plastics and the Final Frontier (FF)	\$50
HM	Rachael Hanigosky	Rocky River	Plastics Versus the Environment (O)	\$25
HM	Kevin Arnold/ Daniel Pritchard	Rocky River	Advancements in Sports: Contributions of Plastics (AA)	\$25
HM	Conner Schmidt	Rocky River	The Benefits of Plastics (V)	\$25
	Joseph Toner		Teachers Award	\$50

2012 Scholarship Winners			
	Kyle Gerycz	The Ohio State University - Graduating 2014	\$1,000
	Andrew Wood	Shaker Heights High School - Graduating 2012	\$1,000

2012 Science Fair	
	We did not judge this year!



*Front (L-R): Allison Stanton, Andrew Wood,
Rear: Rachael Hanigosky, Eric Heald, Max Barrow, Conner Schmidt*

2012 Awards Banquet

Right: Bob Koch (left), outgoing President, received the Outstanding Member Award from Gary Casterline (right).



Left: Brad Johnson, from Penn State University's Behrend Campus Plastics Program, talks about "What Can The Penn State Plastics Program Do For You?"



PITTSBURGH



28th Annual Blow Molding Conference

October 9-10, 2012 - Sheraton Station Square - Pittsburgh, Pennsylvania



The Pittsburgh Sheraton Station Square will be the site for the 2012 Annual Blow Molding Conference. This event has become the premier conference for the Blow Molding industry. Once again the outstanding program will feature industry experts presenting segments in packaging, medical and industrial applications. From resin developments to machinery innovations to automation, design and safety, no topic will be missed. This outstanding venue and the program will make your time in Pittsburgh a rewarding, cost effective and informational experience.

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E-Mail: info@plastictechnologies.com

Registration Fee: SPE Member **\$475.00**

Non-Member **\$595.00** (this fee includes 1 year SPE Membership)

Fee includes all materials, lunch and dinner



REGISTER ONLINE

<http://www.blowmoldingdivision.org/>

