



A Subdivision of the Rubber Division of the American Chemical Society

Spring 2014

www.ohiorubbergroup.org

PO Box 341, Bath, OH 44210

2014 Events

OHIO RUBBER GROUP

www.ohiorubbergroup.org

Be sure to renew your membership for 2014

Spring Technical Meeting
Tuesday, April 15, 2014
Twinsburg Hilton Inn

Golf Outing
Tuesday, June 17, 2014
Yankee Run, Warren

Forms in this issue

Golf Outing
Monday, August 25, 2014
Portage CC, Akron

Fall Technical Meeting
Tuesday, September 30, 2014
Twinsburg Hilton Inn

RUBBER DIVISION

www.rubber.org

186th Technical Meeting
International Elastomer
Conference
October 14-16, 2014
Nashville, TN

CLEVELAND CHEMICAL ASSOCIATION

www.clevelandchemicalassociation.com

Monthly Luncheon Meetings

SOCIETY OF PLASTICS ENGINEERS

[Thermoplastic Elastomers 11th
Topical Conference™](#)

September 16 – 18, 2014
Hilton Akron-Fairlawn

A message from Paulo Meneghetti, Chair, 2014

It has been a long Winter, but Spring is finally here!

We had a terrific turnout at the January Technical Meeting, with some great speakers. Thanks to all of you who attended and continue to support the Ohio Rubber Group. It was good to see the students from University of Akron, especially from the newly formed Rubber Division Student Chapter. Every time we see some new faces, it is a sign that we are doing our job and trying to make the Ohio Rubber Group a great network to bring students and companies together into a fun and exciting environment.

Golfing outing season is just around the corner. Please mark your calendar for Tuesday, June 17, 2014 for our annual golf outing at Yankee Run in Warren. Last year's event was a success and we are looking forward to another great outing for 2014. ***Details and a sign-up sheet are available in this newsletter and on our website.*** It's not too soon to start arranging your foursomes.

Proceeds from these outings help sponsor the ORG scholarship students at the University of Akron. Come join us for a day of fun!

If you have any interest in growing your professional network in the rubber industry and would like to volunteer for any activities, let us know.

Thank you for all your support and I look forward to seeing everyone in April!



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Division News

1. 2014 Spring Meeting: The Steering Committee and Executive Committee minutes are attached from our recent spring meeting in Louisville. The spring meeting was very upbeat and successful. Overall attendance was 220, which included 125 registered for the Technical Session. This compares to the 2013 spring meeting in Akron with overall attendance at 250, which included 91 registered for the Technical Session. The difference in overall attendance is due to more Emeritus coming to the 25-Year Club Luncheon and Welcome Reception in the Akron area.

Overall revenues were much higher for the 2014 spring meeting with a total of \$59,019 revenue vs \$45,295 revenue in 2013. This was due to additional technical registrants plus holding two Education Courses, with 17 people registered for the “Intro to Compounding” course and 7 people registered for the “Intro to Dispersions” course, with a total revenue of \$10,409. No education courses were held at the 2013 spring meeting. Accounting Manager Lakisha Barclay will submit an “End of Meeting Report” once we receive all invoices from the hotel to account for expenses.

2. Education: Education & Pubs Manager Christie Robinson advised that the “Intermediate to Advanced Compounding and Testing of Rubber” Course will be held in Akron on April 8-9 at 8:30am-4:30pm and again on April 10 at 8:00am-Noon. We currently have 21 people registered and \$27,410 in revenue. Other Education Courses planned for the remainder of 2014 are as follows:

Hilton Garden Inn Charlotte/Ayrslay- Charlotte, NC- May 13-15, 2014
Introduction to Rubber Technology for Non-Technologists - May 13, 2014 – 830am-430pm
Applying Design of Experiments in the Rubber Industry - May 14, 2014 – 830am-430pm
Rubber as an Engineering Material - May 15, 2014 – 830am-430pm

Hilton Garden Inn Charlotte/Ayrslay- Charlotte, NC- August 12-14, 2014
Material Selection & Failure Analysis - August 12 & 13, 2014 – 830am-430pm
Molding of Rubber - August 14, 2014 – 830am-430pm

International Elastomer Conference – October 14-16, 2014
- featuring the International Rubber Expo, 186th Technical Meeting & Education Symposium
Nashville Convention Center; Nashville, TN
Internal Mixers and Mixing Parameters- October 13, 2014 – 9:00 a.m. – 4:00 p.m.
Rubber Technology for Non-Technologists- October 13, 2014 - 8:30 a.m. - 4:30 p.m.
Colorants for Use in Rubber- October 14, 2014 – 8:00 a.m. – 11:00 a.m.
Rubber as an Engineering Material- October 14, 2014 – 8:30 a.m. – 4:30 p.m.
Introduction to Performance Minerals and Mineral Fillers in Rubber Compounding- October 14, 2014 – 1:00 p.m. – 5:00 p.m.
Rubber Recycling & Applications- October 15, 2014 – 8:00 a.m. – 5:00 p.m.
Cure Chemistry for Rubber- October 15, 2014 – 8:30 a.m. – 3:30 p.m.

UMASS-Lowell- November 13, 2014 - Introduction to Rubber Processing- 8:00am - 3:00pm

3. Strategic Plan: As a reminder, we will be conducting a strategic planning process in 2015, which will be put in the 2015 proposed budget and include a facilitator. I will check with the American Chemical Society to see if they can provide a facilitator like they did in 2007. This process will involve the Executive Committee, committee chairs and staff, as well as input from other members. The final 2016-2020 Strategic Plan is expected to be finished for approval at the fall meeting in Cleveland.

4. S&T Awards Banquet: The Steering Committee is seeking input on a possible change to the Science & Technology Awards Banquet and would appreciate comments from the Executive Committee (please send to me for consolidation). Two questions: First, should we go back to the former venue of holding the banquet as a Dinner in lieu of a Lunch (details of when the Goodyear Medalist and other award winners speak would need to be worked out if a dinner)? Second, should we change to hold the banquet at the Fall meeting in lieu of the Spring meeting (again logistical details would need to be worked out)? Expo & Meetings Manager Beth Berkheimer is tasked to provide input on costs and logistics for these two changes. The Steering Committee will be discussing at their July Steering meeting in Akron.

5. 2014 Student Colloquium: To date, we have a total of \$2,000 donated from the Ohio, New England and Los Angeles Rubber Groups in support of the 2014 Student Colloquium in Nashville. If your Rubber Group would like to make a donation, please contact Marketing Manager Gretchen Spear or Technical & Student Program Manager Linda McClure. The Division appreciates any assistance provided during our “even year” fall meetings.

6. Membership: The Division currently has 1,945 members. As of March 23, we have 14 corporate members that consists of 172 individual members (81 are brand new members to the Division). Membership Manager Heather Maimone and Education & Pubs Manager Christie Robinson had a very successful visit to the Twin Cities Rubber Group meeting two weeks ago. Together, they visited three companies in the surrounding area to discuss corporate membership and corporate training. If you company is interested in becoming a Corporate Member and holding Corporate Training for you employees, please contact Heather (membership) or Christie (training).

Edward L. Miller, PE
Executive Director
Rubber Division, ACS
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emiller@rubber.org

Schedule

4:00 – Registration

4:30 – Technical Presentations

****please turn off cell phones****

6:00 – Social Hour

7:00 – Dinner (Reserve by 4/14/14)

Spring Technical Meeting Tuesday, April 15, 2014

Hilton Garden Inn, 330-405-4488
8971 Wilcox Drive, Twinsburg, Ohio

Technical Presentations

*****Please turn off cell phones during the presentations*****

“Intelligent Ram Control in an Internal Mixer”

Robert McNabb Jr., HF Mixing Group

“Nanoconfinement Effects on the Glass Transition of Nanostructured Polymers”

Dr. David Simmons, University of Akron, Polymer Engineering Dept.

“Comparative Multivariate Analysis of Type I and Type IV Hypoallergenic Natural Rubber Latex Thin Films”

J. Lauren Slutkzy, Doctoral Student in Food, Agricultural and Biological Engineering,
Ohio State University

After Dinner Raffle - *Raffle tickets will be available for purchase at the meeting*

2014 Spring Technical Meeting - DINNER RESERVATIONS - Reserve by April 14, 2014

Advanced Reservation - \$35.00 each

Without prior reservation - \$40.00 each

Do you wish to donate to the student support fund? \$ _____

Please reserve _____ tickets (will be held at door for pickup)

1) Pay at Door OR 2) Payment Enclosed \$ _____ (Cash, Check, AMEX, Discover, Visa, MasterCard)

Credit Card # _____ Exp. Date _____ Code _____

Name _____

Company _____

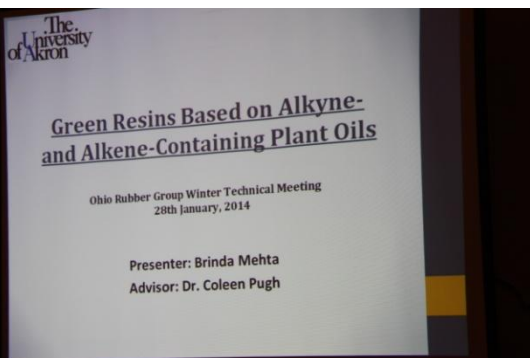
E-mail reservations to mpuskas@littlern.com OR mail to Ohio Rubber Group, PO Box 341, Bath, OH 44210

Winter Technical Meeting, January 28, 2014 (All photos by Shelby Washko – Thanks, Shelby!)

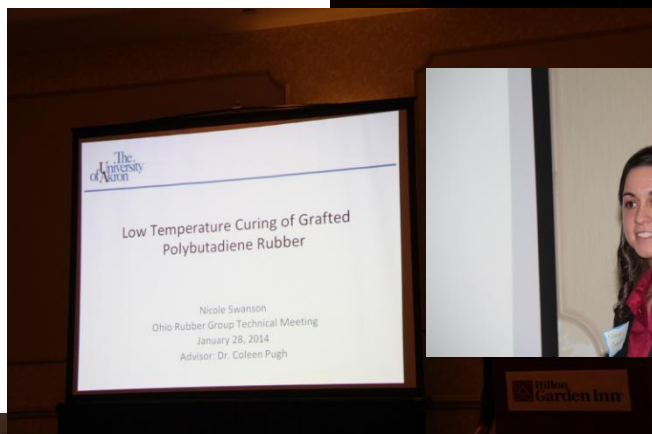
ORG started 2014 with a great winter meeting at the lovely Hilton Garden Inn in Twinsburg, OH. Program Chairs, Sean Djuricic and Paulo Meneghetti, put together a very well-received technical program. The presentations brought an SRO crowd and extra chairs had to be set up. Seventy-five stayed and enjoyed dinner.

Thanks to all who attended for supporting the Ohio Rubber Group.

A special thank you to the three presenters for this meeting: Brinda Mehta, Nicole Swanson (both are PhD Candidates at the University of Akron and ORG Scholarship students) and Dr. Katrina Cornish, Ohio State University.



"Buckeye Gold - Recent Progress by an Ohio Rubber Crop" presented by Dr. Katrina Cornish





2014 Hospitality Sponsors

Thanks for your contributions

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Akron Rubber Development Lab.



Please consider a contribution to the 2014 Technical Meeting Social Hours.

As a 2014 Hospitality Sponsor your company will be recognized in the newsletters, on the website and at the meetings.

The social hour is an important adjunct to the technical meetings and is possible only through the generosity of our Hospitality Sponsors.

A yearly donation of \$200 is suggested; any amount is appreciated

Please send your 2014 contribution to: Ohio Rubber Group, PO Box 341, Bath, Ohio 44210



Register NOW!

ORG Summer Golf Outing - Tuesday, June 17, 2014

This year we will be playing a 4 golfer scramble

Calling all golfers! It's time to register for the annual Ohio Rubber Group June Golf Outing. This outing fills up quickly so please complete the following registration form and mail it promptly. The deadline is June 3rd, however, if there is remaining space after

that date you can still join the fun. This year we will again play the beautiful Yankee Run golf course so get your registrations in quickly as there are a limited number of slots available.

Date: Tuesday, June 17, 2014 **Tee Time:** Shotgun start – 9:30 am

Dinner: Yankee Run Pavilion 3:30 pm
(Catered by "Terrible Tom's Barbeque")

Golf course: Yankee Run Golf Course
7610 Warren-Sharon Road
Brookfield, Ohio 44403
www.yankeerun.com 330-448-8096

Cost: \$120.00 per person

Includes golf w/cart, lunch, dinner, beverages, door prize, raffle ticket, skill awards and prizes.

All golfers are encouraged to become members of the 2014 Ohio Rubber Group.

For those needing accommodations in Warren, rooms are available at the Avalon Inn and Resort. Make reservations directly with the Avalon Inn and resort at 800-828-2566.

Thanks for your support – we look forward to seeing you on the 17th! - Paul Glasgow, ORG Golf Chair, 330.289.7116



Calling All Corporate Sponsors! - 2014 Golf Hole Sponsorship

As you may know, the primary purpose of the ORG Summer Golf Outing is to provide funding for our annual scholarships. The success of this event relies primarily on the generous support of our corporate members. Once again, we are asking that you consider sponsoring a golf hole for the outing.

For each hole sponsored, you will receive your company name on a sign placed at one hole. In addition, your company will be recognized the day of the event, and in the upcoming ORG newsletter.

The cost per hole is \$150.00 or 2 for \$225.00. To participate, simply complete the bottom portion of this letter and return to the address provided w/payment no later than June 3rd. This will be the last day to sign up for a sponsorship as this allows time for printing the sponsor signs. Please sign up early!

Thank you in advance for your support - Paul Glasgow, 2014 June ORG Golf Chair, 330.289.7116

Yes! I would like to sponsor _____ hole(s) 1 hole= \$150, 2 holes = \$225

Company Name _____

Contact Name _____ **Contact email:** _____

Please mail check payable to ORG or Credit Card info to: **ORG Golf, P.O. Box 341, Bath, OH 44210**
Fax: 330-848-8947 or e-mail to: mpuskas@littlern.com

OHIO RUBBER GROUP SUMMER OUTING

Tuesday, June 17, 2014 - Yankee Run Golf Course, Brookfield, Ohio

Tee Time: Shotgun start – 9:30 AM Format: 4 golfer scramble

PLEASE NOTE: All golfers are encouraged to join ORG for 2014

FOURSOME CAPTAIN:

Name	Company	Phone
------	---------	-------

Address	City, State, Zip	E-mail
---------	------------------	--------

Other Foursome Members (include name, company, email)

	FULL NAME AND EMAIL ADDRESS (Note: Foursome Captain see above)	COMPANY
2		
3		
4		

PRICE: \$120 per person (includes golf w/cart, lunch, dinner, beverages, door prize, raffle ticket, skill awards and gifts)

Even if you don't golf, join us for dinner! DINNER ONLY: \$40 (Catered by "Terrible Tom's Barbeque")

Tee-Time: Shotgun start - 9:30 AM

PAYMENT

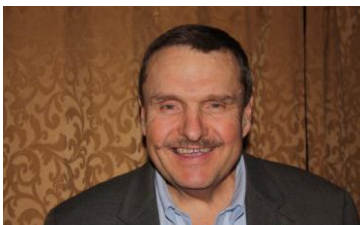
Check enclosed (payable to Ohio Rubber Group) \$_____ (OR)

Credit Card Total \$_____ (circle one) Visa MasterCard AMEX Discover

Card #_____ Exp. Date_____ Sec. Code:_____

DEADLINE: June 3, 2014 *** NO REFUNDS after June 10, 2014**

Return this form with payment to: Ohio Rubber Group, PO Box 341, Bath, Ohio 44210
Fax: 330-848-8947 or email: mpuskas@littlern.com



MEMBERSHIP RENEWAL TIME!

It's a new year and that means it's time to renew your membership for 2014

Please use the form below OR on the website at www.ohiorubbergroup.org

Still only \$25 – Join today – Don't miss anything!

2014 OHIO RUBBER GROUP MEMBERSHIP APPLICATION

A SUBDIVISION OF THE RUBBER DIVISION OF THE AMERICAN CHEMICAL SOCIETY

DATE: _____

NAME: _____ TITLE: _____

EMAIL ADDRESS: _____

COMPANY: _____

MAILING ADDRESS: _____

CITY, STATE, ZIP: _____

PHONE: _____ FAX: _____

Membership fee: \$25 Contribution to Scholarship Endowment Fund: \$ _____ Total \$ _____

Payment (circle one): Cash Check (US dollars/US Bank) Visa MasterCard Discover AMEX

Card # _____ Exp. Date _____

EMERITUS/LIFE MEMBERS: *No renewal necessary but please use this form for any mailing or email changes*

Return application w/payment to: **OHIO RUBBER GROUP PO BOX 341 BATH, OHIO 44210**

MEMBER SURVEY PLEASE COMPLETE

Are you a member of:
(Circle Answer)

American Chemical Society

Yes No

Rubber Division, ACS

Yes No

Work on a committee

Yes No



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