



A Subdivision of the Rubber Division of the American Chemical Society

Spring 2017

www.ohiorubbergroup.org

PO Box 341, Bath, OH 44210

2017 Events

OHIO RUBBER GROUP

www.ohiorubbergroup.org

Be sure to renew your membership for 2017

Spring Technical Meeting
Tuesday, April 4, 2017
Twinsburg Hilton Inn

Golf Outing
Tuesday, June 20, 2017
Yankee Run, Warren

Golf Outing
Monday, August 28, 2017
Silver Lake CC, Stow

Fall Technical Meeting
Tuesday, September 26, 2017
Twinsburg Hilton Inn



RUBBER DIVISION

www.rubber.org

191th Technical Meeting
April 25-27, 2017
Double Tree by Hilton
Beachwood, OH

192th Technical Meeting
International Elastomer
Conference
October 9-12, 2017
Huntington Convention Ctr.
Cleveland, OH

A message from Tim Samples, 2017 ORG Chair



Happy spring from the Ohio Rubber Group! We don't quite know if the winter weather is completely through for the year, but we do know that we had a wonderful turnout for our winter technical meeting in January. Thank you to all who came out and supported the Ohio Rubber Group and our industry. I want to give a special thank you to our presenters, Trace Tisler, Dr. John Whitney, and Ed Norton. The presentations were very well prepared and delivered, and the information was well received, thank you again! Our upcoming technical meeting April 4th will be equally as fun and informative, please plan on attending.

The Ohio Rubber Group has awarded scholarships to Scott Smith and Jiaxi Li; both students are pursuing PhD degrees in the Polymer Engineering Department at The University of Akron. Congratulations to our recipients! Please check out the other scholarships offered by the ORG to benefit the rubber industry, we strive to inform and educate!

As we look forward to 2017, please mark your calendars with our remaining meeting dates and our two golf outings! We will have a blast out on the golf courses, you will not want to miss an opportunity to play and network. Thank you for your continued support of our events!

We are always interested in hearing feedback from members of our industry on the ORG; please feel free to contact me directly with any comments, questions or concerns. Thank you for the opportunity to serve our industry. I look forward to seeing you soon.



Tim Samples presents plaque to 2016 ORG Chair Jim Lipinski in appreciation of his service



Photos of ORG events will be posted on our website: www.ohiorubbergroup.org

2017 Directors

Chair - Tim Samples

Polymers, Inc. 330-609-2724
tim@polymers.com

Vice-Chair -- Peter Glasser

HF Mixing Group 330-324-3842
pglasser@farrel.com

Treasurer- Mike McDonnell

Alttran, Inc. 330-650-2223
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330-929-6926 denise.kotz@dupont.com

Area Director - Doug Ruch

Western Reserve Chemical 330-510-0107
doug@wrc.com

2017 Committee Chairs

Program - Tina Darnell

UTC Aerospace Sys. 330-374-2657
Tina.darnell@utas.utc.com

Membership - Jim Lipinski

Scholarship/Education - Joel Neilsen

Lanxess Corp. 440-279-1285
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June Golf Outing - Doug Ruch

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August Golf Outing -

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Ohio Rubber Group 330-283-0845
mpuskas@littlern.com



PAUL GLASGOW MEMORIAL ORG MEMBER SCHOLARSHIP AWARD

<http://www.ohiorubbergroup.org/upload/ORG%20Member%20Award%20Application%202017.pdf>

This Award is available for ORG members who are currently employed in the rubber industry and want to further their careers by acquiring additional education or training. The monetary value of the award is \$2,000.

For further information on this award, please contact Joel Neilsen, Scholarship Chair, at joel.neilsen@lanxess.com, or click on the link to the application. Applications must be received by **May 1, 2017**.



Everyone look at your phones! 1



Now, everyone cross your arms!



RUBBER DIVISION EDUCATIONAL COURSES

Contact Christie Robinson, MEd, Education and Publications Manager, at crobinson@rubber.org for more information.

April 11, 2017 - Akron, OH
Tire Safety and Tear Strength

April 12, 2017 - Akron, OH
Tire Recycling/Repurposing

May 9-12, 2017 - Akron, OH
Intermediate to Advanced Compounding Testing of Rubber

May 23, 2017 - Akron, OH
Chemistry & Technology of Polyurethane Elastomers

May 24, 2017 - Akron, OH
Failure Analysis of Rubber & Plastics by Physical and Chemical Analysis

Schedule

4:00 – Dinner Ticket/Membership Sales

4:30 – Technical Presentations

please turn off cell phones

6:00 – Social Hour

7:00 – Dinner (Reserve by 3/31/17)

Ohio Rubber Group Spring Technical Meeting Tuesday, April 4, 2017

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

Technical Presentations (no charge)

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



“New Horizons of Filled Rubber Reinforcement from Molecular Dynamics Simulation”

Scott Smith, PhD Candidate, University of Akron, Dept. of Polymer Engineering
2017 Ohio Rubber Group Scholarship Recipient

“Bio-based Plasticizers in Rubbers”

Jiaxi Li (Jesse), PhD Candidate, University of Akron, Dept. of Polymer Engineering
2017 Ohio Rubber Group Scholarship Recipient

“Mixing in the 21st Century”

Peter Glasser, Regional Manager, HF Mixing Group, Farrel Corp.

The demands of the tire and rubber goods market can be trended by extrapolating information from the results of numerous trials at the HF technical center. This information can be further supported by the gleanings of many customer visits by HF personnel to troubleshoot mixing equipment and/or process, as well as during the conduct of process audits to optimize the mixing process.

As a global leader in the design, manufacture and installation of mixing equipment, the HF Mixing Group following market trends (by introducing design innovation in reaction to market demand) as well as, to a lesser extent, creating trends through design innovations. This presentation touches on just a few of the trends that HF sees in the market.



2017 Winter Meeting - DINNER RESERVATIONS - Reserve by March 31, 2017

Advanced Reservation - \$35.00 each ****Without prior reservation - \$40.00 each

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

Reserve ___ tickets (pick up at door) 1) Pay at Door OR 2) Payment Enclosed \$ _____ (Cash, Check, Credit)

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



MEMBERSHIP RENEWAL TIME!

It's a new year and that means it's time to renew your membership for 2017

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

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



2017 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: _____

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

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**



Winter Technical Meeting 1/24/17

A capacity crowd attended the technical presentations arranged by Program Chair, Tina Darnell.

Many thanks to the presenters:

Trace Tisler, CFP®, Epic Financial

“Holistic Financial Planning & Retiring Well”

Dr. John M. Whitney, Manager – R&D, Rubber Technology, SI Group

“Application of Phenolic Resins for Bonding Rubber to Wire”

Ed Norton, Application Specialist, Alpha Technologies

“Review of Oscillatory Shear Rheometry for Quality Control in Rubber Processing”



Hospitality Sponsors

Please consider a contribution to the 2017 Technical Meeting Social Hours. As a Hospitality Sponsor your company will be recognized in the newsletters, on the website and at the meetings (Spring 2017, Fall 2017 and Winter 2018).

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 \$250 is suggested; any amount is appreciated.



2017 Hospitality Sponsors

(as of 3/27/17)

Thank You for Your Support

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HF Mixing Group



Register NOW!

ORG Summer Golf Outing - Tuesday, June 20, 2017

This year we will again play 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 2nd, 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 20, 2017 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 2017 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 20th! – Doug Ruch, ORG Golf Chair, 30-510-0107



Calling All Corporate Sponsors! - 2017 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 6th. This will be the last day to sign up for a sponsorship to allow time for printing the sponsor signs. Please sign up early!

Thank you in advance for your support – Doug Ruch, 2017 June ORG Golf Chair

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 20, 2017 - 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 2017*

FOURSOME CAPTAIN:

Name _____ Company _____ Phone _____

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

Other Foursome Members (include name, company, email)

| | FULL NAME AND (Note: Foursome Captain see above) EMAIL ADDRESS | 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 6, 2017 *** NO REFUNDS after June 13, 2017**

Return this form with payment to: Ohio Rubber Group, PO Box 341, Bath, Ohio 44210

Fax: 330-848-8947 or email: mpuskas@littlern.com

Phone: 330-283-0845 or 330-848-8847

