



A Subdivision of the Rubber Division of the American Chemical Society

Fall 2020

www.ohiorubbergroup.org

PO Box 341, Bath, OH 44210

2020 Events

OHIO RUBBER GROUP

www.ohiorubbergroup.org

Fall Technical Meeting
Tuesday, October 13, 2020
VIRTUAL

RUBBER DIVISION

www.rubber.org

International Elastomer
Conference
October 19-23, 2020
VIRTUAL



A message from Adam Kronenberger, 2020 ORG Chair

Well, we are living in an ever-changing time and I hope you are all remaining healthy. Summer is winding down but there is still time to enjoy the great outdoors. Our country is being challenged in ways many never thought possible. Now is the time to remain strong and upbeat for the greater good of ORG and the greater population. I will leave politics out of this letter.

While I am sure some of you have begun travelling again the large majority of us are likely still looking at the same 4 walls of our home “offices”. The golf outing at Silver Lake was a large success and had great attendance.

We are working toward an online only tech session for our fall meeting. We have a list of speakers and are working to setup the “Venue” at this time. A large part of the technical presentations is the follow up Q&A and this is a detail we are working thru. Current Date is October 13th @2pm.

The board had our meeting on 9/29 and discussed a variety of topics for the future of the group. One of those was a vote to stay the current board and not have an election for the board of 2021. Due to the current climate and the inability of the ORG to host many of it’s planned events we will remain in our current roles into 2021.

As a reminder our [Linkedin](#) page is active and monitored. If you would like to bring an item to the public for discussion this is a great forum or feel free to reach out to the board members for any specific questions. If interested in presenting or have an idea for a presentation please contact Doug Foster, doug.foster@aceprodcon.com.

I look forward to seeing you all soon and please reach out if there is anything you would like to see changed with the direction of the group in the future. I wish you all a great remainder of Summer/Fall. Get out and enjoy the outdoors! Stay Safe and Healthy!



**Ohio Rubber Group
Fall Technical Meeting
Free VIRTUAL Format
Tuesday, October 13, 2020 2:00 PM**



Technical Presentations

(Question period following each presentation)

“Examining an Alternative Molecular Mechanism To Toughen Glassy Polymers”

Masoud Razavi, University of Akron, ORG Scholarship recipient

**“Emergence of NC7000™ Carbon Nanotube into Tire and Rubber Products:
Release Assessment from Matrix Containing-MWCNT Along the Lifecycle”**

Dr. Alicia Rul, Nanocyl

“Failure Analysis of Rubber and Plastics”

Jason Poulton, ARDL



PLEASE NOTE: This is a virtual meeting and will require prior registration.

Send your meeting registration request to mpuksas@littlern.com.

You will receive a reply with the number to access the meeting.



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RUBBER DIVISION 2020 UPCOMING COURSES

September 22 - [Regulatory Compliance & Risk Management in the Rubber Industry](#)

October 19-23 - [International Elastomer Conference Educational Symposium](#)

November 16-19 - [Rubber & Science Fabrication](#)

December 10 - [Respiratory Protection Programs](#)

December 15 - [Electroelastomers: Applications, Principles and Opportunities](#)

UPCOMING WEBINARS: Click on each webinar name for full details, descriptions and pricing.

Webinars are free for Rubber Division, ACS Members.

September 24 - [Sales & Marketing 101 in the Rubber Industry](#)

November 12 - [Personal Protective Equipment](#)

All of the following courses can be taken in person at our Elastomer Training Center (306 N. Cleveland Massillon Rd., Akron, OH 44333) OR can be taken from the comfort of your home or office – remotely from any tablet, laptop or computer. The Elastomer Training Center is an interactive smart classroom. Advanced technology used in the classroom allows viewing of the course live online and features interactive capabilities. When you register, just select the appropriate registration type for how you will be taking the course – on-site or online.

Any questions?

Heather Maimone, Membership & Outreach Director, hmaimone@rubber.org



VIRTUAL THERMOPLASTIC ELASTOMER CONFERENCE A SUCCESS

The Akron Section of the Society of Plastics Engineers, along with the TPE Special Interest Group of the SPE, again hosted a conference this fall that highlights a unique blend of polymers, Thermoplastic Elastomers (TPEs). This is the 14th time the conference has been held (normally every other year). The theme this year was **“Exploring Sustainable Innovation 2020”**.

We were well into planning for the 2020 TPE TOPCON when the Covid 19 pandemic gained traction. Since we had an excellent program, it was decided to move to a virtual platform for 2020. Past conferences have pointed out the value of this technical exchange to our industry. Our program contained two full days of technical and market presentations delivered by leaders in the plastics industry. As an added bonus, registrants are permitted to access presentations at their leisure to review and revisit information shared during the conference.

Presentations focused on segments of TPE use in Medical, Electronics, Auto- motive innovations and sustainability and sports/recreation markets. Examples were:

(1) Robert Eller of Robert Eller Associates LLC discussed TPE opportunities in the Covid-Impacted automotive environment.

(2) Salvatore Monte gave a compelling overview for post-consumer recycling possibilities.

(3) Presentations looked at the medical world and biomedical backgrounds with TPE involvement related the current super bugs and corona type viruses and ways that could be used to combat/stop them prior to exposure.

This conference pushed the envelope of development as we featured two keynote addresses:

Jason Hauer (The Garage Group) discussed Innovation Renewal and the Garage Group Story.

Judit Puskas (The Ohio State University) presented her work on Piezo Active Elastomers for Biomedical Applications.

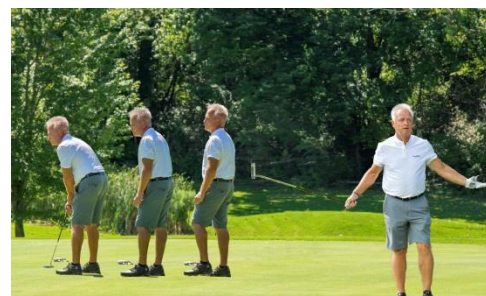
After the first day was completed, a Virtual Cocktail Hour was held. It was quite valuable catching up and meeting “like minded” folks with passion.

We thank the attendees as well as 11 sponsors for their support.

In addition to fostering new ideas and spreading innovation this conference supported the Akron Section and TPE SIG in their efforts to provide student scholarships and opportunities for students to participate in plastics industry events.



Ohio Rubber Group Golf Outing August 31, 2020 Silver Lake Country Club



The August 2020 golf outing was a great success and a good time for all! Golfers (26 AM and 84 PM) enjoyed perfect weather.

Monies raised by the Mulligan card sales and betting hole proceeds go to the ORG Scholarship fund to support future rubber industry professionals.

I would especially like to thank everyone who volunteered their time to make this outing a great experience for all. Without your time and commitment, this event would not be possible. Chris Chaousy, thanks for the great photos!!

Thank you to all the sponsors, your generosity is very much appreciated!

Greg Sibley, 2020 ORG August Golf Chair



