



Vinyl Division

Autumn 2020

The Vinyl Division of the Society of Plastics Engineers exists to stimulate and encourage the interchange of non-proprietary information, and to promote the scientific and engineering knowledge related to vinyl plastics technology.

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Emerald Kalama Chemical
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Past Chairman's Message

Attend VinylTec®, Support the Vinyl Division Scholarships



Greetings. I hope all are safe and healthy. Been a crazy year, huh? Right now, I would normally be preparing to travel to Vinyl-Tec, planning dinners and meetings, hotel and flight arrangements would already be booked. Well, not so this year. This year due to the Covid 19 epidemic VinylTec will

be a virtual experience. Chairman Ron Raleigh and the Technical Program Committee have scrambled and put together a great 2-day VinylTec® program for us to attend right from our living rooms. There will even be a “virtual reception” at the close of each day! Still an opportunity to get together with friends we have not seen for a year.

I hope you all take advantage of the Virtual VinylTec®. The cost has been kept ridiculously low at \$149.00 for both days, so no excuse there. Remember that the Vinyl Division uses all proceeds to support plastics education. Last year the Vinyl Division made donations of \$5,000 to sponsor of the ANTEC® Student Poster Session, \$3,500 to the SPE Foundation to support the Plastivan® and another \$2,000 toward the SPE Student Scholarship fund. The Vinyl Division further granted scholarships in the amount of \$2,500 each to 14 children of Vinyl Division members for a total of \$35,000. Grand total of scholarships and charitable donations is \$45,500. Donations in this amount are only possible through member support of VinylTec®.

Please join me in supporting VinylTec® again this year. See you at the reception!

Bob Weiler

Bob Weiler

Past Chairman, Vinyl Plastic Division

Vinyl Division Elects Five Directors to the Vinyl Plastics Division BOD

Division wide elections were held in August to elect 5 Directors to the 2020 – 2023 term of office. The Vinyl Plastics Division (VPD) Board of Directors is the ultimate body responsible to the Division membership at large for the governance of the Division as a whole, and, as such, is the final authority as to the governance of the Division. The Vinyl Plastics Division Board of Directors consists of fifteen Directors. The fifteen Directors are arranged in three classes of five Directors each, with staggered three-year terms.

Five members in good standing were nominated to serve as directors for the 2020 – 2023 term. These members have been accepted by Division Membership vote;

Andy Bourgeois, Beth Griffin,
Roland Ruprecht, Peggy Schipper,
Sam Timpa.

Thank you to all who voted for these Directors. Please help me to welcome them as our newest Directors.

VINYLTEC®2020 October 20-21, 2020

The Vinyl Division Board and Technical Planning Committee are pleased to present VinylTec® 20/20: A Clear Vision of the Future of Vinyl. This year's exciting and informative event will take place Oct. 20-21, 2020 and will be presented in the safety of a virtual attendance and presentation format.

Please join us for 2 days of industry networking, application discussions, regulatory updates, and product introductions.

Questions? Contact

Event Chair:[Mark Lavach](#)
Technical Program Chair:[Ron Raleigh](#)

Please see the agenda on pages 3 & 4

Vinytec® – Worth my Attendance?

Vinytec's mission is to provide education to its members



on rigid- and flexible vinyl applications. I have personally benefitted from the BOD and TPC committee's dedication to this goal. A few years ago, I moved from being a synthetic lubricant base stocks expert to the Customer Application Development contact for the Americas at ExxonMobil Chemical. Though my colleagues had

passed on to me a wealth of information from years of leading in the Plasticizer market, my growth as a flexible PVC technologist has also been enhanced by attending the yearly Vinytec conference and pre-conference workshops. Each year, I value the time taken out to learn from experts in a variety of areas such as extrusion processing, additive chemistry, emerging markets, etc. This experience has enhanced my development and has helped me appreciate the amazing impact that our members have in the world.

Almost as important, I value the friendships that have grown by my participation on the committees. While many of us are competitors in the marketplace, each person has strived to contribute to the well-being of the PVC industry. I desperately miss and look forward to being able to celebrate a successful conference over a delicious beverage and discussion about food, politics and family - hopefully next year!

Beth A. Fitch
Beth A. Fitch, PhD.



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October 20-21, 2020 • Virtual Conference
Presented by SPE Palisades-New Jersey Section and SPE Vinyl Plastics Division

All Times Are Eastern Time.

Vinyltec® 2020

AGENDA AM TRACK

October 20

Moderator

William Arendt (Arendt Consulting)

9:15-9:30

WELCOME REMARKS Mark Lavach (Arkema)

9:30-10:00

Keynote: PVC Markets and Uses Sylvia Moore (Shintech)

10:00-10:30

PVC Resin and Formulation Bob Paradis (Formosa)

10:30-10:45

Break

10:45-11:45

Process Technology For PVC Compounding Thomas Schelling (Teknor Apex)

11:45-1:00

Session Wrap-up and Questions

Noon-12:45

Lunch

Vinyltec® 2020

AGENDA PM TRACK

October 20

Moderator

Randy Brown

12:45-1:45

Flexible PVC and Plasticsols Bill Arendt (Arendt Consulting)

1:45-2:00

Break

2:00-2:45

Additives for PVC Bob Smith (PMC Group)

2:45-3:15

PVC Fusion & Stability Testing On A Torque Rheometer Christoph Pielen (C. W. Brabender)

3:15-3:25

Break

3:25-4:15

Properties and Testing Mark Lavach (Arkema)

4:15-4:30

Closing Remarks

4:30-5:30

Virtual Cocktail Hour



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Vinyltec® 2020 Agenda

AGENDA AM TRACK

October 21

- Moderator Domenic DeCaria (Vinyl Institute)
- 9:00-9:15 OPENING & WELCOME REMARKS Ron Raleigh (BYK USA)
- 9:15-10:00 Keynote: Economic & Legislative Trends Thru a Vinyl Lens Ned Monroe (Vinyl Institute)
- 10:00-10:30 Acrylic Modifiers for Vinyl Flooring Solutions Amy Lefebvre, PhD (Arkema, Inc.)
- 10:30-10:40 Break
- 10:40-11:10 Lubricant Function and How it Influences Clarity, Color Development, and Thermal Stability Rob Decker (Norac Additives)
- 11:10-11:40 Current and Future TiO₂ Technology and PVC Applications Geert Sterkendries (Chemours)
- 11:40-12:10 The Application of 1.5-Nanometer Titanates and Zirconates to Achieve Sustainable Goals in PVC and Recycle Sal Monte (Kenrich)
- 12:10-12:40 Lunch

Vinyltec® 2020

AGENDA PM TRACK

October 21

- Moderator Roland Ruprecht (Teknor Apex)
- 12:40-1:10 Keynote: Foaming of PVC Using Ultra High Molecular Weight Acrylic Processing Aids Manoj Nerkar (Dow)
- 1:10-1:40 Fischer Tropsch Wax: Boosting Performance in Rigid PVC Extrusion Philip Richards (Sasol)
- 1:40-2:10 Joining the Movement: The Impact of End-of-Life Material Management on the Vinyl Industry Dom Decaria (Vinyl Institute)
- 2:10-2:20 Break
- 2:20-3:05 Keynote: Resin PVC Markets in Times of Change Yvonne Huang (Formosa Plastics)
- 3:05-3:35 New Generation Automotive PVC Skin Compound: A Special Focus on Plasticizer Mitigation Nischay Shivaprakash and Raf Bussels (Mitsubishi Chemical Performance Polymers)
- 3:35-4:05 Microporous PVC: Applications in Irrigation, Aeration, Filtration, Extraction, and Catalysis Steve Grunzinger (Idea Forge LLC)
- 4:05-4:20 SPE Vinyl Division Business Update
- 4:20-4:30 Closing Remarks
- 4:30-5:30 Social Networking

Vinyl Division Announces 2020 Family Scholarship Winners

The Vinyl Division is awarding 14 scholarships, each in the amount of \$2,500, to 14 children of Vinyl Division members. This represents an expenditure of \$35,000. We are only able to make these scholarships available because of the success of our VinylTec Conferences. Scholarships are available to children of SPE members who have been members of the Vinyl Division for at least 2 years. Students are eligible on time if they are attending or will be attending a fulltime college in any discipline. Vinyl Division thanks Scholarship Chairman, Dave Owen, for his diligence in collecting and verifying these applications. More information can be found on the Vinyl Division web site: <https://www.4spe.org/files/Chapters/D27/2019VinylPlasticsScholarshipForm.pdf>

MEMBER NAME

<u>First</u>	<u>Last</u>
Curt	Badeau
Louis	Brandewiede
Phil	Cascais
Michael	Connor
Beth	Fitch
Beth	Fitch
Patrick	Harmon
Paul	Kroushl
Matthew	Kuwatch
Jason	Labuda
Mike	Lu
Michelle	Monte
Kasper	Van Veen
Thavasi	Velmurugan

STUDENT NAME

<u>First</u>	<u>Last</u>
Jacob	Badeau
Maggie	Brandewiede
Justin	Cascais
Joi Rae	Connor
Ilana	Yoon
Ester	Yoon
Elizabeth	Harmon
Paul	Kroushl
Carter	Kuwatch
Elizabeth	Labuda
Zoey	Lu
Christina	Purtlebaugh
Tessa	Van Veen
Barath	Velmurugan



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Members Input:
Vinyl Education & Industry News Submission

Dear Members:

We are open to receiving and publishing information that is pertinent to supporting our division for the following mediums: Newsletter, Facebook or the Website.

Please contact [Peggy Schipper via email](#)
or by phone: 484-846-0016



The Vinyl Division of the Society of Plastics Engineers is currently looking for businesses to fill sponsorship opportunities in this newsletter publication. Not only does this help publicize your business, but it helps to support our Division efforts to communicate more effectively with our members with our newsletter.

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Rates are for the entire Season- Summer 2020 – Summer 2021. Payable in advance and an invoice will be provided. Acceptable formats are: .bmp .pcx .jpg .tif .gif MS Power Point or Word, but please export as .pdf

File size limit: 700K This is an electronic newsletter which is published to the membership and posted on the SPE website. Please also provide the website address you wish your sponsorship to be pointed to when viewers click on your space. We will embed this, we just need to know where you want this directed.

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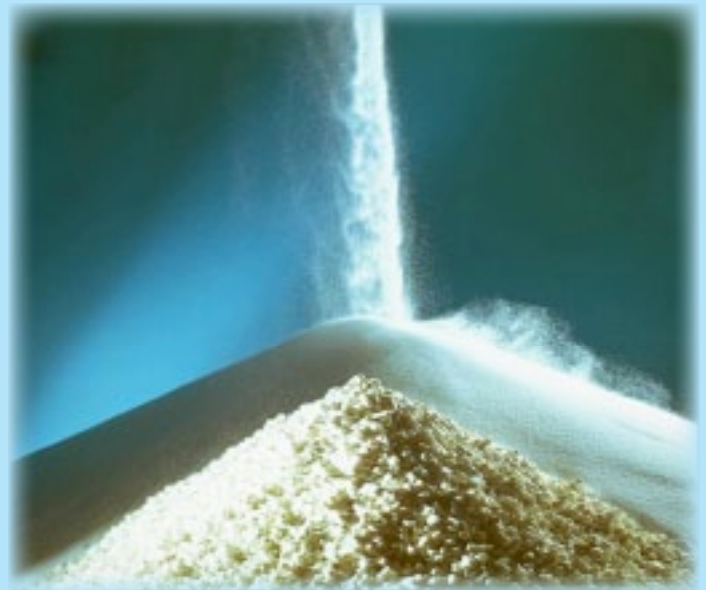
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