



Vinyl Division

Winter 2024/25

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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Table of Contents

Chairman's Message	1
Vinyltec® 2024 Awardee Presentations and Recap	2-3
Sponsor Page	4
Scholarship Winners/Education Report	5
Sponsor Page	6
Welcome New Members	7
Vinyltec® 2024 Sponsor Recognition	7
Membership Report	8
Sponsor Pages	9-13
Newsletter Sponsorship Information	13
Councilor's Report	14
BOD Contact List	15
Social Network Link	15

Chair's Message



It is with celebration and gratitude that we exited from Chicago for the 2024 iteration of Vinyltec®. Our industry showed up in force, and with a strong drive to push forward into the future of PVC. The PVC tutorial event saw a record attendance that we feel signals a renewed interest in vinyl as a solution to many application challenges. There was also a noted shift of welcoming subtly younger crowd, which again leads us to believe that the industry is being rejuvenated with fresh ideas and fresh faces. Many of our attendees spoke about how the PVC industry seems to retain new entries at a rate that is unusual in the current job market. I personally feel that a combination of a welcoming industry, a desire to educate new entrants, and a recognition of the value of specialized skills all play a part in keeping our new faces in the industry. We saw many new products, and quite a few new ideas presented on the screens. As has been the case for many years, Vinyltec® still holds a place as one of the premier vinyl conferences in the world for members of the PVC arena to build lasting relationships, and share their thoughts and opportunities.

We look forward to next year's event, as we shift to a more southerly local, and bring our attention to the Crescent City to "laissez les bons temps rouler" next October.

Best Regards,
Ron Raleigh

Ron Raleigh
Chair, Vinyl Division



The SPE Vinyl Division Technical Program Committee (TPC) and the SPE Chicago Section jointly hosted a successful Vinyltec® conference, Welcoming the Future of Vinyl, October 22nd through the 24th. This year's conference shared technical presentations from 35 speakers over the 3-day event, hosting nearly 200 vinyl professionals for the two-day conference and nearly 130 vinyl colleagues at just the Vinyl 101 tutorial. There was a great turnout of first-time visitors to our conference and new faces to the industry as our conference continues to be the landmark event for vinyl education within the industry.

Many thanks to the TPC for putting together an exciting program, the local Chicago Section for coordinating such a wonderful event locally, and all of our speakers and attendees for an interactive and insightful 3 days of vinyl education. We look forward to seeing everyone again next year in New Orleans, Louisiana October 25th through the 22nd!

Enjoy viewing more Vinyltec® 2024 Photos by [clicking here](#).

Respectfully submitted,
Brittany Walls
 Brittany Walls,
 2024 Vinyltec® Co-chair

Awards Committee Report

Congratulations to the Vinyl Division Awards Recipients. Each Year the Division asks members to consider the technical contributions and service to the Vinyl Division, the Society of Plastics Engineers and the Vinyl Industry as a whole.

This year at Vinyltec® 2024 in Chicago, the Society of Plastics Engineers Vinyl Division presented **Peggy Schipper** the SCIENTIFIC CONTRIBUTIONS TO VINYL AWARD in recognition of her technical contributions to the Vinyl Industry. Some of Peggy's contributions include –

- Development of lubricant blends: paraffin and paraffin/OPE blends, and stearate/paraffin/OPE in-situ blend one packs which became the industry standards for over two decades.
- Introduction of new products including a line of tin stabilizers, acrylic impact modifiers and process aids, MBS modifiers, low gloss version of acrylics and co-spray dried combinations that became industry standards.
- Managing joint projects to develop a new generation of highly weatherable capstocks consisting of PVC/acrylic blends and all acrylic compositions which were instrumental in solving weatherability issues associated with darker colored products, resulting in a patent and papers on the weatherability of different compositions.

The Division and I appreciate Peggy's scientific contributions and anticipate seeing many more as she continues her career in Vinyl, *Thank you Peggy*.

Awards Committee Report (continued)

The Outstanding Achievement Service Award is given for demonstrating outstanding service to the Vinyl Division in an on-going program or a series of multiple contributions. This can be any person, nominated by any member of the Vinyl Division. For 2024, Society of Plastics Engineers Vinyl Division recognizes **Samuel D. Timpa, Ph.D.** with the AWARD FOR OUTSTANDING SERVICE in recognition of contributions and leadership to the Vinyl Division. An active member of the SPE Vinyl Division since 2017, Sam has been an integral part of the Vinyl Division leadership for his entire career. Contributions include getting presentation as a member of the technical program committee, leading the Technical program committee, organizing the board as secretary and jumping into the board chairmanship when early retirement of the past chair created a special need for service. Additionally, Sam has been active in the ASTM D20 Plastics Committee and is the Chair of the D20.70 Analytical Subcommittee and D20.70.15 Vinyl Plastics Section. This year Sam stepped into the role of Teacher at the Vinyltec® Tutorial. The Division and I appreciate all Sam's service and we, especially the Tutorial Committee, expect to see him back as Teacher. *Thank you, Sam.*

One mission of the Vinyl Division of the Society of Plastics Engineers (SPE) is to provide our members with ongoing education in the diverse uses of plastics. To promote the contributions to Vinyl we recognize quality presentations that teach us about Vinyl technology and business. The Vinyltec® audience is the judge. The Awards Committee is proud to recognize the standout presentations from the 2023 Conference in Akron.

The SPE Vinyltec® 2023 Best Commercial Paper Award was awarded to **Aine Curran** for the paper entitled, ADVANCING SUSTAINABILITY IN CANADA WHILE SURVIVING REGULATORY HEADWINDS (BANS).

SPE Vinyltec® 2023 Best Technical Paper Award was awarded to **Bob Smith** for his contribution with the paper entitled, TIN STABILIZERS: EFFECT OF STABILIZER CHEMISTRY ON RHEOLOGY

Congratulations to both Bob and Aine. We look forward to their future contributions to the Vinyl industry.

The votes for the 2024 presentations are still being counted, using the paper ballots handed in at the end of the program in Chicago. If you still have your ballot, please pass on to the awards committee at Elizabeth.r.griffin@outlook.com.

The Awards Committee also thanks our 2024 entire Technical Program Committee, Chicago house and Chairpersons. Brittany Walls (TPC) and Kimberly Rush (Chicago). We appreciate you both.

Lastly, Thanks a Special Thanks to Samuel D. Timpa, Ph.D. for hanging in and leading us as VINYL DIVISION CHAIRMAN since Beth's retirement in 2021, And again, we expect to see him back year after year teaching us all about Vinyl. Award Nominations Are Open for 2025 Nominations for Outstanding Achievement Service Award, and Scientific Contributions to Vinyl Award are open to Vinyl Division Members starting Jan 1, 2025.

When making the nomination, please Provide Biography including either service or scientific contributions Send to Beth Griffin any time before next April 30. Elizabeth.r.griffin@outlook.com.

Submitted by

Beth Griffin

Beth Griffin,

Awards Committee Chair



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CONGRATULATIONS TO OUR AWARDEES AND THEIR FAMILIES!

Grants are available to children of Vinyl Division members in good standing for a minimum of two years. This one-time grant is open to all students attending college, junior college or post HS Vo Tech in autumn of the award year.

See upcoming Vinyl Division newsletters for more details



JUSTIN CASCAIS

Justin is attending Texas State University in San Marcos TX,
Major: Business Administration
Justin is the son of Phil and Maria Cascais



KATIE LAVALLEE

Katie is attending Purdue University in West Lafayette IN,
Major: Civil Engineering
Katie is the daughter of Paul and Peggy Lavallee



ISABELLA BADEAU

Isabella is a student at Louisiana State University in Baton Rouge, LA
Major: Digital Art
Isabella is the daughter of Curt and Jaime Badeau

Submitted by
Andy Bourgeois
Andy Bourgeois,
Education Committee Chair

IS YOUR VENDOR KEEPING PACE WITH YOU?



The 2021 & 2022 supply chain crunch exposed weaknesses in supply chain and capacity around the globe. It is more important than ever to make sure that you are partnered with vendors that align with your growth goals. We strive to continue to grow our portfolio by adding new manufacturing partners and working with partners that invest in the future.

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A special welcome to the following new members!

November 15, 2024 - December 13, 2024

<u>Join Date</u>	<u>Name</u>	<u>Company Affiliation</u>	<u>Member Status</u>
9/4/24	Mike Arizo	SABIC	Young Professional
9/18/24	Matt Coady	Kuriyama Canada Inc.	Professional
9/22/24	Anbumani Sivaprakasam	CIPET Chennai	Student
9/23/24	Bala Arasu	CIPET Chennai	Student
9/23/24	Abdus Irfan	CIPET Chennai	Student
9/23/24	Rathish Murugavel	CIPET Chennai	Student
9/23/24	Vignesh Kumar Rajkumar	CIPET Chennai	Student
9/23/24	Srikanth Saravanan	CIPET Chennai	Student
9/23/24	Kishor Jebaraj Thiruchelvam	CIPET Chennai	Student
9/24/24	Karthik Krishnamoorthy	CIPET Chennai	Student
9/24/24	Nithish Kumar	CIPET Chennai	Student
9/24/24	Susendhar Muthuvel	CIPET Chennai	Student
9/24/24	Manojkumar Vajjiravelu	CIPET Chennai	Student
9/26/24	Hubert Park	Thermoaegis LLC	Professional
9/30/24	Jacyr Vianna de Quadros	Innoleics Corp USA	Professional
10/10/24	Jillian Charon	INEOS Vinyls, DE	Young Professional
10/31/24	Bill Rojas	Billplast, PE	Student
11/7/24	Preet Patel		Young Professional
12/1/24	Zhong Dannis		Professional
12/3/24	Owen Haney	Penn State	Student
12/13/24	Rodrigo Matias Trolise	GEON Performance Solutions	Professional

Thank you Vinyltec® 2024 Sponsors!

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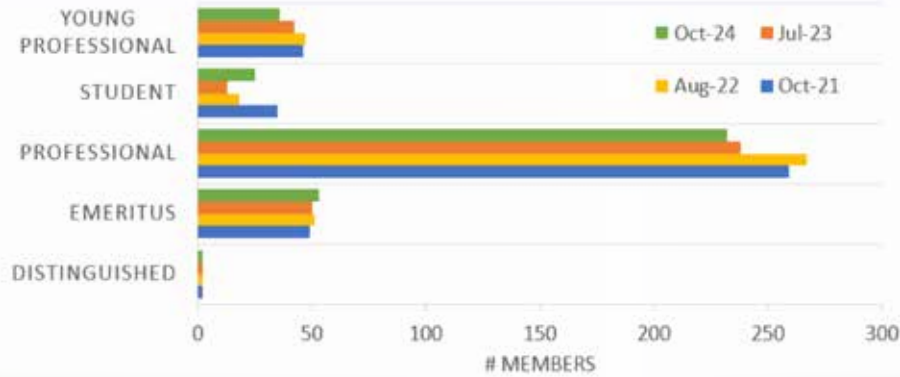


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SPE Vinyl Division Membership: 2021 - 2024

Membership Type	Oct-21	Aug-22	Jul-23	Oct-24
Distinguished Member	2	2	2	2
Emeritus Member	49	51	50	53
Premium Member	-	-	-	7
Professional Member	259	267	238	232
Student Member	35	18	13	25
Young Professional Member	46	47	42	36
Grand Total	386	385	345	355



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Grand Total	386	385	345	355

Emily Mayes
 Emily Mayes
 Membership Chair, Vinyl Plastics Division



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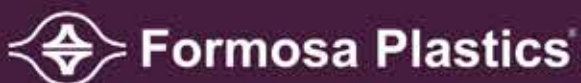
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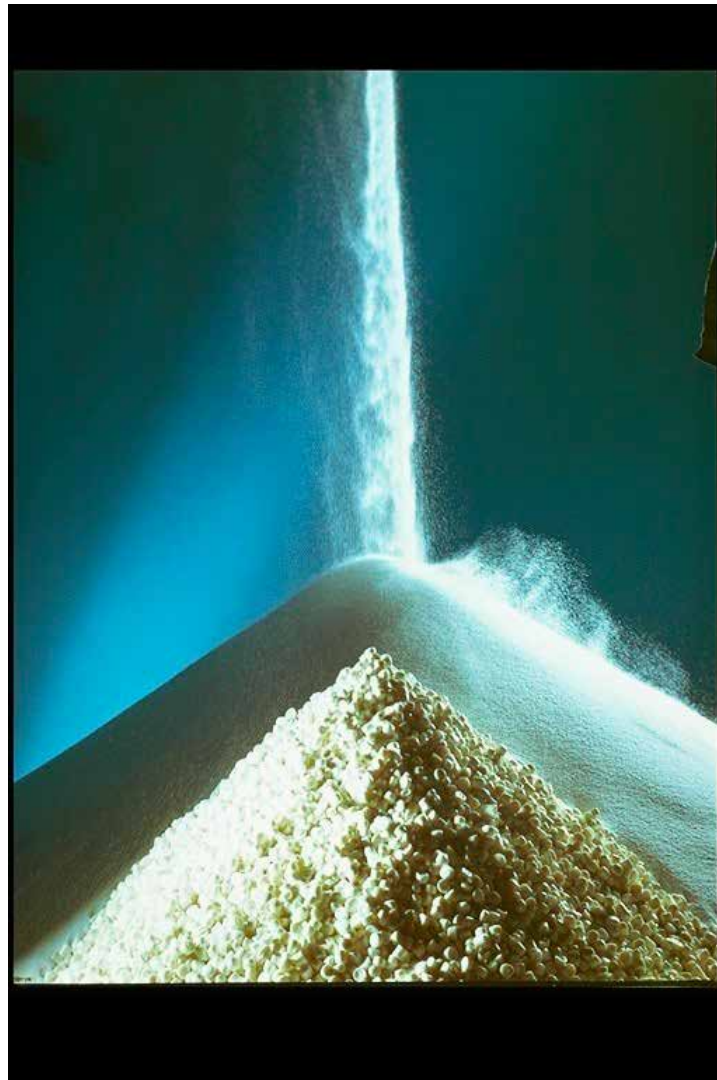
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Councilor's Report



Since the last Councilor report for the Vinyl Division Newsletter there have been significant events. The election of officers for the next year has taken place and the following are your new officers:

President • Lynzie Nebel
Elected Directors: • Dan Fella
• Louis Somlai

Director by Presidential Appointment • Barry Curtis

The other activity I started to discuss in my summer 2024 Newsletter article was the changing role of Councilors on Council. A committee was formed of senior Councilors to address Councilor's requirements and responsibility. The group met and is in the process of making recommendations to the SPE board of directors. More on this later.

The Chicago Section and the Vinyl Division had a successful Vinyltec® last October. I am on the Technical Program committee and on the tutorial part of that committee. The conference and the tutorial went well. Next year Vinyltec® will be in New Orleans LA. I look forward to that event for two reasons: 1) Vinyltec®s are important technical conferences; 2) I like New Orleans!!

The next SPE ANTEC® will be in Philadelphia PA at the beginning of March 2025. As your Councilor I plan to attend the meetings at the ANTEC®. This is my last meeting as the Vinyl Division Councilor. My term is up at the end of June 2025 and I am not planning to run again. I know Division will nominate a qualified person to be the next Councilor.

Thank you all very much for your support. I appreciate it. Questions? Please let me know.

Regards,

Bill Arendt

William Arendt

Honored Fellow of the Society,

Vinyl Division Councilor



ANTEC® 2025
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Early Registration discount applies up until January 31, 2025
[Click here](#) or on header above to register and/or view the agenda.



Vinyl Division

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ANTEC® 2025

When: March 3-6, 2025

Where: Philadelphia, PA

March 3-6, 2025

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