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psct1927@paintsociety.org



<http://paint.org/>

PITTSBURGH SOCIETY FOR COATINGS TECHNOLOGY

MAY 18, 2020



PLEASE NOTE DATE AND TIME CHANGES!

Presentation / Speaker 4:00 PM • Virtual Social Hour (BYOB). This meeting is free.

Online Virtual Meeting: Presentation will be hosted by Zoom, sponsored by KRÜSS USA

**For reservations: Art Kasson at psct1927@paintsociety.org - subject line: *MAY 2020 Meeting*
or call 412-389-4977. A link will be sent to join the meeting.**



Shanti Swarup, Ph.D.

Dr. Swarup, Associate Fellow, joined PPG in 1988 as a chemist at the Coating Innovation Center in Allison Park, PA, and has held positions of increasing responsibility during his tenure in Research and Development.

Throughout his nearly 31-year career at PPG, Dr. Swarup has been a highly creative scientist, mentor and asset to PPG and the Science and Technology organization. He has made numerous contributions that have helped create many-many commercial products with higher performance, less environment impact, worker safety, productivity improvement, energy conservation, and lower cost than prior generation of products. The breadth of his polymer contributions spread in the automotive, refinish, industrial, packaging, photochromic, adhesive and sealants, and mobility sectors and brought more than \$9 billion in cumulative sales to PPG. He is named inventor and an author on 530 global patents and publications including 83 granted U.S. Patents and many pending.

Dr. Swarup has received numerous PPG internal and external awards. These include, 2008 PPG President Award for developing etch resistance clear coat. His research has been presented to a number of conferences and earned PPG several R&D100, PACE, Surcar, and ACS Hero of the Chemistry Awards. In 2016, he was inducted into prestigious life-long PPG Collegium, an organization of PPG Innovator leaders for significant technology development and commercialization. He is the recipient of 2019 ACS Nation Award in Applied Polymer Science.

Abstract: Recent Advancements in Polymer Synthesis and Applications in Coatings

In recent years the automotive industry has adopted compact painting process to reduce energy consumption, CO₂ generation and operating costs. One such compact process is known as high solid 3-Wet, and it has been published that the 3-Wet process has reduced CO₂ emission by 15-25%, VOC emissions by 10%, and process time by 20-25%. Other painting process is known as waterborne basecoat 1 and waterborne basecoat 2, where the primer layer and the bake associated with it has been completely eliminated. The later process further reduced these desired attributes and also reduced the footprints of the new plants. PPG has developed unique polymer architectures which enabled successful launches of these processes with improved appearance compared to the conventional painting process. In this talk, innovations in polymer synthesis and their application in new automotive painting processes will be discussed in details.

CALL FOR SPEAKERS

We are looking for speakers for the 2020-2021 year. If you are interested in presenting please contact Chris Chaousy at cchaousy@coalfillers.com

PAINT POT

Congratulations to Jeff Scherm for winning the final Paint Pot before we break for summer. Jeff generously donated his winnings to the scholarship fund. THANK YOU, Jeff, for this kind action.

PRESIDENTS MESSAGE



Dear PSCT Members,

PSCT's first online meeting featured an excellent presentation by Mike Toth, the NAFTA Regional End Use Manager for Wood Coatings & Additives at BYK USA. The presentation had something for everyone, from those interested in the consumer market and additives for wood coatings to laboratory tests that are generally applicable. Mike graciously shared his slides and notes with us. Please see the PSCT web site's home page at <http://paintsociety.com> if you are interested.

There will be one more online PSCT meeting this year. Shanti Swarup, Associate Fellow at PPG, will discuss innovations in polymer synthesis and their application in new automotive painting processes at the May 18th meeting. Dr. Swarup has had fantastic career at PPG. In addition to being the named inventor on 550 global patents and publications, he has been the recipient of numerous awards from PPG and other organizations. We are honored to feature Dr. Swarup as our final speaker for the PSCT year. Note that the meeting will begin at 4 pm. We hope that you can attend!

I was glad to be PSCT President this year. The board members are very helpful and friendly folk with a wealth of experience, and they all work together to forward the objectives of the organization. There are some openings for committee heads. If you would like to volunteer your time to help this worthy Society, please let a member of the board know.

Cheryl Roberts,
PSCT President 2019-2020

PSCT Meeting Presentation Slides & Notes Available Now on the Website



Mike Toth, NAFTA Regional End Use Manager
Wood Coatings & Additives, BYK USA

WOOD COATINGS:

An overview and understanding of market trends, technologies and how proper additive selection can help achieve high quality industrial wood coatings.

<https://paintsociety.com/wp-content/uploads/2020/05/PSCT-Wood-Coatings-V3-M.-Toth-FINAL.pdf>



Thank You Mike for making April's webinar slides and notes available. And for donating the speaker honorarium to the scholarship fund!

MEMBERSHIP DRIVE

Membership in the PSCT is important to sustain an organization started as the Pittsburgh Paint and Varnish Production Club in 1927. The 2020-21 PSCT year is its 93rd year. Joining at this time will provide membership through June 30, 2021. It will also enter you into a drawing of \$93 to be awarded in October 2020 to a member who has joined or renewed by September 30, 2020. The WINNER of this drawing does not need to be in attendance; however it would be nice to hand over a check for \$93 in person. To join or renew: <http://paintsociety.com/join/>

The PSCT objectives are:

- Promote welfare of technical coatings scientists, technicians, students, and vendors through exchange of new and emerging technology
- Promote continuing education opportunities in the coatings industry
- Promote networking within the coating industry of Western Pennsylvania
- Promote educational scholarship to undergraduate students
- Cooperate with the American Coatings Association in promoting the educational programs within the national and international coatings industry

PSCT Programs:

- Monthly presentations of state-of-the-art technologies in the coatings industry
- Monthly newsletter
- Industry networking
- Annual Golf Outing to support the PSCT Hiram P. Ball Memorial Scholarship
- Social events to promote camaraderie within the coatings industry

PSCT Dues are \$45, on-line includes \$5 service fee. Membership year is July 1 to June 30.



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Congratulations to Hiram Ball Scholarship Recipients

The PSCT Scholarship assists college students in their pursuit of a college degree. There is also a special STEM grant offered to students entering their Junior or Senior year of college or university who have a declared a major in Science, Technology, Engineering or Mathematics. This year the Pittsburgh Society for Coatings Technology is proud to present Scholarships to 6 deserving students. Each will receive \$1,085 to help support their educational efforts.

(There were no STEM applicants this year.)



AJ Meshanko

I am currently finishing my freshman year at California University of Pennsylvania and will be attending in the fall for my sophomore year. I am on the Men's Soccer team for Cal U's team as well. I am studying Accounting with a custom minor in Pre-chiropractic. I plan to pursue chiropractic school after I am finished with undergraduate studies.

Currently in my free time I am working for a small, family owned, Italian restaurant called Yoli's Cucina and Craffhouse in Jefferson Hills. Other activities that I like to do in my free time is hang out with my friends and play soccer whenever and wherever I can.



Reagan Lloyd

I am Reagan Lloyd, and in my free time I like to hang out with my friends, sing, and play guitar. My favorite thing is taking part in theater, going to my school musical and play practices with all my friends and performing with them. I currently go to Mars Area High School and senior year has been a blast, even though it is not ending as expected. I plan on going to the University of Dayton to

study Marketing and Psychology because I am really interested in those subjects. Thank you so much for this scholarship! I am so happy about this and excited to go to college soon!



Theodore Hart

Hello, my name is Theodore Hart. I am currently studying to become a mechanical engineer at Union College, in Schenectady New York. Union is a liberal arts school so I have also been studying some economics and philosophy on the side. I have been considering a minor in mathematics for quite some time, too. In my free time, I play chess and read. I help run the Union

chess club and teach some of the beginners how to improve. Due to the large number of strong players Union has, I am hoping to organize an intercollegiate tournament after quarantine.

Sophie Katres

I will be attending the University of Toronto, undeclared major in the College of Arts and Sciences. At Pine Richland High School, I participate in the fall play, spring musical, French club, and also play violin for our orchestra.

Outside of school, I enjoy skiing, traveling, and cooking.



Angela Roberts

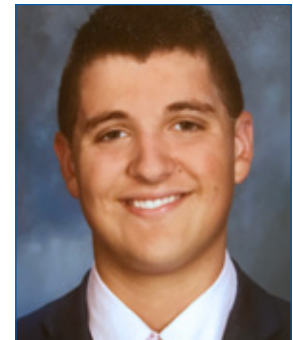
Hello! My name is Angela Roberts, and I study journalism and criminal justice at the University of Maryland. I will be graduating next year, and hope to find work as a reporter. I was excited to be considered for a Hiram P. Ball Scholarship, and feel very grateful for being selected to receive one.

At my university, I serve as news editor for the independent student newspaper. When I'm not editing articles, pulling late nights in the newsroom and chasing down interviews, I love taking long walks and reading. I've also recently learned how to crochet!



Isacc Tyger

My name is Isaac Tyger, and I've just completed my freshman year at Penn State Dubois. I'll be able to declare bio-chemical engineering as my major during my sophomore year. I'm grateful to be awarded this scholarship to help in the pursuit of my education. In my free time, I enjoy hanging out with my friends playing basketball, pickleball or tennis. I was on the golf team in high school and still like to golf. And I've hunted and fished with my dad since I was little. My goal upon receiving my undergraduate in bio-chemical engineering is to go on to med school and get a doctorate in oncology. Currently, I work at Pruett Schaffer with my dad through the summer and sometimes on weekends when I'm home from school. I'm hopefully looking forward to being back on campus in the fall.



Many thanks to the Hiram Ball Scholarship sponsors:

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BYLAWS AMENDMENTS

In keeping with the requirement to review the PSCT Bylaws every 5 years, the following changes have been approved by the Board of Directors. The Bylaws changes will be voted on at a meeting in the Fall of 2020. Details on voting will appear in a future newsletter. The amendment to the Bylaws is:

To the duties of the President (Article III) add:

Develop and present a Budget to the Board of Directors in August of the Fiscal Year. The Board of Directors will review and adopt by September of the Fiscal Year.

Revision to the Standing Rules (Article SR-V Committees):

1. Membership — Obtain members. Provide, receive and review applications. Inform the Society Treasurer of new members. Inform the Society of new members and changes. Keep and maintain records of Society Membership in cooperation with the Treasurer.

A full copy of these revisions is available upon request: psct1927@paintsociety.org. Please mark the Subject Line: PSCT Bylaws.

Jim Wasik, PSCT Bylaws Committee.

PSCT OFFICERS

The results are in and based on the votes received the following were elected to the 2020-21 PSCT Officers and Board of Directors. Congratulations to each of them as we work to make the Pittsburgh Society for Coatings Technology a vibrant technical organization in this coming year. Congratulations to the new officers and board.

PSCT 2020-21 Board

President	Chris Chaousy , Coal Fillers
Vice-President	Julia Baur , KTA-Tator
Secretary	Wes Carroll , IMCD
Treasurer	Art Kasson , KRÜSS USA
Director at Large	Barbara Anderson , Troy
Past President	Cheryl Roberts , Sherwin-Williams
Representative to ACA Society Liaison Committee	Mark DePasquale , Matthews International



POSTPONED: PSCT MAGIC & COMEDY NIGHT

**Comic Magician
LEE TERBOSIC**

[location & cost TBD]

Nationally touring magician, comedian, actor, daredevil, and entertainer from Pittsburgh is proving that *anything is possible!* Along with stage show performances across the country, Terbosic has wowed some of Hollywood's biggest stars like **Aaron Paul**, **Jack Black**, **Wiz Khalifa** and **Johnny Depp**, and has appeared on **America's Got Talent** on NBC, **Four Weddings** on TLC and **Now You See It** on the BBC. Lee Terbosic continues to hit the stage at a multitude of diverse venues from coast to coast for corporate clients, universities, and more.

<http://www.leeterbosic.com>



AC VIRTUAL – Log-in during the lockdown. BEGINNING MAY 6, 2020

<https://www.american-coatings-virtual.com/>

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Registration is now open!

UPCOMING ACA WEBINARS (MEMBERS ONLY)

California Legislative and Regulatory Update
from the CA Paint Council: **Tuesday, MAY 26**

Value Chain Communications: **Thursday, MAY 28**

AIM VOC Regulations Update: **Thursday, JUNE 11**

Mexico and China VOC Regulations: **Thursday, JUNE 25**

Plastics Regulation/Legislative Update: **Thursday, JULY 9**

TSCA Update: **Thursday, JULY 23**



Pittsburgh Society of Coating Technology

Listed group



THE PSCT IS NOW LINKEDIN PLEASE JOIN US!

A Pittsburgh Society of Coating Technologies page has been created on LinkedIn.com to keep everyone informed of events, meetings, and important deadlines reminders just to name a few benefits. It will also allow members of group to share posts in an effort to help promote and grow our association.

To become a member, please sign into your LinkedIn account and search Pittsburgh Society of Coating Technologies, under the group description, click on the join button.

WEBSITE

Please visit <http://www.paintsociety.org> and view the website, including the current newsletter, President's message, upcoming events and more. Don't forget you can RSVP and pay for the upcoming dinner meeting and events from the home page of the website. You can also renew your membership directly online.

PSCT 2020 Golf Outing Save the Date: September 10, 2020 Conley Resort & Golf Club Butler, PA



**Proceeds support the PSCT Scholarship Program
For more information visit: paintsociety.com**

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PSCT Membership Application and Dues Renewal Form for 2020 - 2021

1. MAILING ADDRESS:

Name: _____

Company: _____

Address : _____

City: _____

State/Prov: _____ Postal Code: _____

2. CONTACT INFORMATION:

Work Phone: _____

Fax: _____

Toll Free: _____

Home Phone: _____

Email: _____

3. PSCT MEMBERSHIP DUES:

☐ Primary Full Society Membership \$40

☐ Student / Educator \$10 ☐ Retired Members \$10

5. PAYMENT INFORMATION:

☐ Check payable to PSCT

6. SIGNATURE AND DATE: (Required)

Signature: _____ Date: _____

7. RETURN APPLICATION AND CHECK TO:

Art Kasson, Kruss USA
180 Bradford Road, Bradfordwoods, PA 15015
412-389-4977 / akasson@krussusa.com

ON-LINE AT: <http://paintsociety.com/join/>



Carol Traister

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