



PITTSBURGH SOCIETY FOR COATINGS TECHNOLOGY



<http://paintsociety.org/>



<http://paint.org/>

psct1927@paintsociety.org

TOPIC: Appearance in the Automotive Compact Process Painting

SPEAKER: Shanti Swarup – Senior Scientist, PPG Industries

LOCATION: Roland's • 412-261-3401 / rolandsseafoodgrill.com
1904 Penn Ave • Pittsburgh, PA 15222

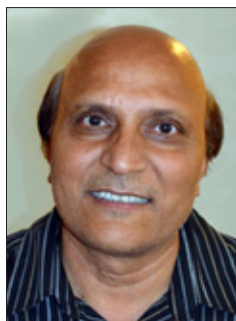
TIME:

Board Meeting	4:00 pm
Social Hour	5:00 pm
Presentation / Speaker	6:00 pm
Dinner / Meeting	7:00 pm

COST: \$35 with reservation • \$40 at door • \$15 retired

RESERVATIONS:

Contact: Dan Bickford
by **THURSDAY**, Oct. 5 at
psct1927@paintsociety.org
OR Call: 814-242-6966
OR sign up via PayPal:
<http://paintsociety.org/>



SPEAKER: Shanti Swarup – Senior Scientist, PPG Industries

Shanti Swarup received his Ph.D. from Aligarh M. University, India, followed by post-doctoral and visiting scientist assignments at the Lund University, Sweden, and Rutgers University, N.J. He joined PPG in Oct

1988 at the Coating Innovation Center in Allison Park and has held positions of increasing responsibility during his tenure in research. Currently, he is a Senior Scientist in the Polymer Synthesis Group.

Over his career at PPG, Shanti has developed more than 50 resins used in products which have brought in more than \$8 billion in cumulated sales to PPG. Shanti's contributions have spanned a number of PPG businesses including packaging, Industrial, refinish, and photochromic coatings. His greatest contributions have been for the automotive businesses, where he has developed proprietary resins for the waterborne basecoats, primers, monocoats, clearcoats, adhesive and sealants.

He has 71 issued U.S. patents with more than 30 pending and he is an author on 38 published research articles.

He is the recipient of the PPG President Award in 2008 for the development of etch resistant automotive clear coat. In 2016, he was inducted into the prestigious PPG Collegium, an association of innovative leaders both active and retired.

Very recently a number of his products received external recognition, these include: the SurCar Award for the easy clean, the Pace Award for the Waterborne Compact Process, and the selection of the Premium Compact Process Primer for the 2017 RD 100 Award.

TOPIC:

Appearance in the Automotive Compact Process Painting

PPG designed a Premium Compact Process Primer (also known as LP Primer) to maintain a distinct primer layer in a three-layer compact process, wet on wet on wet (3-Wet) automotive painting process. This is critical for creating smooth foundation for the color and clear coating layers that are sprayed over it. Without a smooth foundation, the appearance of the final coating is not smooth enough for automakers to implement this compact method of painting cars on their full range of car brands. By developing the Premium Compact Process Primer, PPG enables automakers to expand the number of plants where the 3-Wet compact process can be used.

PRESIDENTS MESSAGE



Dear PSCT Members,

I would like to thank the 61 golfers and over 20 business sponsors who attended and supported the September Golf Outing. I would like to also extend a large thank you to Sam Puglisi for organizing the event and Cedarbrook for hosting. Without this event, we would not be able to support our future scholarship recipients.

I would like to thank Art Kasson of KRÜSS USA for speaking at our first meeting of the year. His talk was very informative and offered some new ways to look at contact angle and wettability. The devices that KRÜSS has to offer are definitely applicative to our members and their profession.

Spots to speak at our PSCT meetings this year are rapidly filling. If you have thought about sharing your expertise with us, this year would be a great opportunity. Our second speaker this year is Dr. Shanti Swarup of PPG. His talk will be on the 'Appearance in the Automotive Compact Process Painting.'

The second meeting this year is scheduled at Roland's in the Strip District on October 9th. The address for Roland's is 1904 Penn Ave, Pittsburgh, PA 15222. I look forward to seeing you there.

Mark DePasquale, PSCT President 2017-2018

MEMBERSHIP DRIVE

It is time to renew your dues for the 2017 – 2018 membership year (July 1 – June 30) for the Pittsburgh Society for Coatings Technology. This year will be the 90th Anniversary of the PSCT. Our society was founded in 1927 as "The Pittsburgh Paint and Varnish Production Club" and has changed names a few times, but our objective of promoting the welfare and education of the members through exchange of emerging technologies has not changed. Also, promoting educational scholarship to undergraduate students remains a prime objective of the PSCT. We encourage you to check out our website (<http://paintsociety.org>). The website not only relays information about the Society and upcoming events, but also offers members an easy way to renew their membership (There is a \$5 convenience charge added to PayPal payments). As an added incentive to renew your membership, we are going to award \$90.00 to a paid-up member at the October 9th meeting. Please have your dues paid on or before September 30th, 2016 to be eligible. Unlike the Paint Pot, you do not need to be present at the October meeting to win the drawing.

PAINT POT

At the September meeting, Mark Ruch's name was drawn. He was not present, so the Paint Pot drawing will be for \$50 at the October meeting.

In order to be eligible to win, you must be an active member and must be present at the meeting when drawn. If the drawn member is not present, the pot will roll over to the next month.



MEMBER HIGHLIGHT:

Barbara Anderson

Barbara is a chemist currently employed at Troy Corporation as a Key Account Manager. She focuses her coatings background to support formulators and operations engineers by collaborating on customized solutions to their technical challenges with the preservative, additives, and fungicides for plastics portfolio.

She is a graduate of Pennsylvania State University and the University of Pittsburgh and becomes conflicted when they meet for football games! She is the mother of two awesome daughters: Constance and Caleigh. She and her husband Bob enjoy living in the countryside of Saltsburg with Caleigh and their numerous pets. Her hobbies include horseback riding, gardening, camping, volunteering at her Church and rooting for the Steelers and Penguins.

Barbara is honored to be the Director at Large for the PSCT this year.



IN MEMORIAM

CARL P. IZZO, Sr.

Age 85, of Murrysville, died Monday, July 17, 2017, in the William Penn Care Center. He was born July 13, 1932, in Dunbar, a son of the late Albert and Grace Grass Izzo.

Carl was a retired Fellow Scientist for Westinghouse Research Labs and a veteran of the US Air Force. He was a member of Mother of Sorrows Church, Murrysville and an active 4th degree Knight of the Knights of Columbus, Council 1480, serving as past Grand Knight. He was also active with the PA Railroad Technical and Historical Society and an avid model railroader. Carl was active with the Pittsburgh Central Catholic Alumna and helped with planning their reunions. He was a proud member of the Alpha Phi Delta Fraternity.

Carl Izzo. was President of the Pittsburgh Society for Paint Technology (now PSCT) in 1970. His sense of humor as expressed at recent meetings will be missed by all who knew him.

CALL FOR SPEAKERS

We are still looking for speakers for the 2017-2018 year. If you are interested in presenting please contact Mark DePasquale at depasquale@ppg.com.

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.

ADVERTISEMENT REMINDER

We would like to thank all of the suppliers who have advertised with us in the past and hope we can count on your continued support. If companies want their advertisement displayed in the PSCT monthly newsletter, please contact Dan Bickford at psct1927@paintsociety.org.

UPCOMING MEETING DATES

November 13, 2017	December – TBD
January 8, 2018	February 12, 2018
March 12, 2018	April 16, 2018*

* Please note that this date is after the American Coatings Show in Indianapolis.

May - TBD



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GOLF OUTING RECAP

Our annual Golf outing was held on Thursday, September 7th at Cedarbrook Golf Course. Fun was had by all 61 golfers in attendance on the beautiful day we had. Congratulations to our overall and skill prize winners:



10 UNDER PAR GOLF CHAMPIONS (l to r)

Tom Dressel, Ryan Yaworski, Matthew Mock, Brett Mock

A big THANK YOU! to our corporate sponsors as well:

AFCONA - Brent Mack
Altana - Chris Mosinski
BYK USA - Tim Chen
BWAY - Jason Stephens
Cleveland Steel Container - Todd Gallupe
Dar Tech - Jason Ciesielski
Gillen Co - Don Hart
Harvey Lipsitz Co - Mel Lipsitz
IMCD US - Wes Carroll
Kish Co - Tim Andy
KRUSS - Art Kasson
Lanxess - Gary Balint
New Age Environmental - Anthony Giura
OMYA Specialty Materials - Jim Carlin
Palmer Holland - Mark Zoller
Ranbar Technologies - Rob McCourt
Reitech - Kirk Deysher
Specialty Chemical Sales - Pat Coughlin
Troy - Barb Anderson
Maroon Group - Todd Katres



OFFICERS: L- R

Jim Wasik, Cheryl Roberts, Dan Bickford, Britney Grabigel, Mark DePasquale, Chris Gehly, Barb Anderson



SKILL PRIZES

Longest Putt #18 – Chris Mosinski

Longest Drive #13 – Mike DeBacco

Closest 2nd Shot #7 – Justin Jamison

Closest to the Pin #3 – Mark Kutcher



UPCOMING ACA EVENTS

50th Pittsburgh Chemical Day

OCTOBER 3, 2017

<http://www.pittchemday.com/>

Heinz Field

Keynote Speaker: Dr. Antonis Papadourakis

CEO Lanxess Corporation

Special Guests: Franco Harris / Phil Villapiano

2017 ChemShow

OCT. 31 – NOV. 2, 2017

New York City, NY

<https://chemshow.com/>



WCS
WESTERN
COATING SOCIETY

The 33rd Biennial Western Coatings Symposium and Show

OCTOBER 15 – 18, 2017

Paris Las Vegas Hotel and Convention Centre
Las Vegas, Nevada

The WCS is a conference and trade show serving primarily, but not exclusively, Western USA and Canada. We aim to provide educational and networking opportunities for technical individuals involved in the development and manufacturing of coatings, their employers, and related vendors in the Coatings Industry. Our show includes a three-day technical program, a two-day tabletop exhibition, and opportunities for socializing and networking.

Program: <https://westerncoatings.org/full-schedule/>
<https://westerncoatings.org/>



FEBRUARY 4 - 9, 2018

45th Annual Waterborne Symposium

Environmentally Friendly Coating Technologies

To administer the preeminent educational/technical forum in the United States directed to the science and technology of surface coatings and to provide revenue to support and advance the School of Polymers and Engineering at The University of Southern Mississippi. Sponsored by the School of Polymers and High Performance Materials, The University of Southern Mississippi

<https://www.waterbornesymposium.com/>
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waterborne@usm.edu

\$121,970 in Undergraduate Scholarships have been awarded from Waterborne Proceeds over the last 5 Academic Years.



VINCENTZ



AmericanCoatings
ASSOCIATION

American Coatings CONFERENCE

APRIL 9-11, 2018

American Coatings SHOW

APRIL 10-12, 2018

Hosted by the American Coatings Association,
in collaboration with Vincentz Network
INDIANA Convention Center

100 S. Capitol Ave. Indianapolis, IN 46225

<http://www.american-coatings-show.com>

The American Coatings CONFERENCE brings industry professionals together to expand their knowledge of the latest technology trends for the coatings industry. Sharpen your skills by attending the pre-conference tutorials, gain valuable insight during in-depth conference sessions, and network with peers at this vital industry event.



ACA MEMBERSHIP

Coatings Science & Technology Professionals

ACA also offers a special membership category for Coatings Science & Technology Professionals, but these benefits are available to employees of Corporate Member companies at no additional cost.

Coatings Science & Technology Professional membership provides an opportunity for individuals working in the industry to benefit from member pricing for educational and training programs, and to have access to science and technology publications and events. This category of membership is offered for industry consultants, employees of non-member companies, and those working in academia.

Benefits of Coatings Science & Technology Professional membership include:

- Print and digital versions of **CoatingsTech** magazine
- Subscription to **Coatings Today** bi-monthly e-newsletter
- Online access to the **Journal of Coatings Technology and Research**

- Discount on registration fees for conferences and webinars
- Discount on publication orders
- Web access to “members only” technical information

To join ACA as a Coatings Science & Technology Professional member or to renew your existing membership, please click the link below.

Coatings Science & Technology Professional membership is also available free of charge to university-level coatings technology students. Student membership includes complimentary subscriptions to **CoatingsTech** magazine, **Coatings Today**, and the **Journal of Coatings Technology and Research**. Click the link below to apply for student membership.

All applications will be reviewed for eligibility. Applicants must allow three business days for processing before utilizing member benefits.

<http://www.paint.org/about-aca/membership/coatings-science-technology-professional-membership/>

ACA CORPORATE MEMBERSHIP BENEFITS

The following link will allow corporate company employees to register with the ACA system:

<https://memberportal.paint.org/ACACorporateForm>

Selecting the headquarters Billing Country and City will allow you to search for your company in the “Company Name” field. (begin typing the first letters of your company). You must select the company headquarters Country and City. Add your information to obtain either complimentary hard copy, electronic or both of CoatingsTech.

Employees of ACA Company Corporate members are offered benefits as part of your association with that company.

Some of the benefits are:

- ACA’s Publications and Electronic Resources, including CoatingsTech, Coatings Today, ACA Industry Market Analysis, Global Market Analysis, Paint & Coatings Buyers Guide, Journal of Coatings Technology and Research, and Paint Industry Labeling Guide, provide members the relevant news and direction for day-to-day business and production decisions.
- ACA hosts the paint and coatings industry’s premier Events & Conferences, including the American Coatings Show and Conference, as well as webinars on topics ranging from life cycle assessments to the latest technical innovations and applications in the industry. These events bring together industry’s best and brightest leaders and offer the opportunity for networking, peer-to-peer interaction and professional development.

Some of the ACA Corporate member companies are:

Covestro	Kop-Coat
PPG Industries	Palmer-Holland
Troy	Valspar
Sherwin-Williams	Kronos
IMDC	Chidley & Peto Company
Lubrizol	Omya
Netzsch Premier Technologies	



PSCT Membership Application and Dues Renewal Form for 2017 - 2018

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

☐ Secondary Full Society Membership \$40 – Please indicate primary society membership: _____

☐ 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: Dan Bickford, PPG Industries
400 Guys Run Road
Cheswick, PA 15024


OFFICIAL USE ONLY:


Total Amount Due: \$ _____ Certified by Society Member _____ Date _____

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PSCT OFFICERS AND BOARD OF DIRECTORS

President: Mark DePasquale: PPG Architectural Coatings; 400 Guys Run Road; Cheswick, PA 15024; 412-517-3626; depasquale@ppg.com

Vice-President: Chris Gehly: Matthews International; 101 Fairview Ave.; Pittsburgh, PA 15238; 412-365-2345; cgehly@matw.com

Secretary: Cheryl Roberts: KTA-Tator, Inc.; 115 Technology Drive; Pittsburgh, PA 15275; 412-788-1300 ext. 209; croberts@kta.com

Treasurer: Dan Bickford: PPG Architectural Coatings; 400 Guys Run Road; Cheswick, PA 15024; 412-517-3614; bickford@ppg.com

Director at Large: Barb Anderson: Troy Corporation; 8 Vreeland Road; Florham Park, NJ 07932; 724-468-3125; andersonb@troycorp.com

Past President: Ken Cutler: Kop-Coat, Inc.; 3020 William Pitt Way; Pittsburgh, PA 15238; 412-826-3311; kcutler@kop-coat.com

Rep. to ACA Society Liaison Committee: Jim Wasik: 70 Woodland Farms Rd, Pittsburgh PA 15238; 412-967-9541; jwasik@verizon.net

Scholarship Committee: Karen Hollertz: PPG Architectural Coatings; 400 Guys Run Road; Cheswick, PA 15024; 412-517-3637; hollertz@ppg.com

Membership: Britney Grabigel: PPG Architectural Coatings; 400 Guys Run Road; Cheswick, PA 15024; 412-517-3633; grabigel@ppg.com

Golf / Fund Raising: Sam Puglisi: Atomized Materials; 412-221-7020; sepuglisi@atomizedmaterials.net

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**Pittsburgh Society for Coatings Technology
Hiram P. Ball Memorial Scholarship**

**PSCT Science, Technology, Engineering
Mathematics Grant Application**

APPLICATION DEADLINE: MARCH 15, 2018

All Applicants must attach a full and detailed copy of transcript (School website transcript is acceptable).

PSCT Scholarship Committee has full discretion to reject an incomplete application.

Applications are to be submitted electronically by e-mail to: **psct1927@paintsociety.org**. An endorsement e-mail by the Sponsoring PSCT Member(s) must be submitted to **psct1927@paintsociety.org**. The subject of the application and endorsement must be: PSCT SCHOLARSHIP APPLICATION. The student is advised to submit a COMPLETE application including home address. Submission deadline remains March 15, 2018.

Applicant (student): _____

Permanent Address: _____

Phone: _____ Email: _____

PSCT Member Sponsor: _____

Present School/University (2017-18): _____

College/University (2018-19) _____

OFFICIAL CLASS STATUS AS OF DECEMBER 31, 2017:

☐ Graduating High School Senior College: ☐ Freshman ☐ Sophomore ☐ Junior

Major Course of Study: _____ Cumulative Grade Point Average: _____

Science, Technology, Engineering, or Mathematics Grant Applicant: ☐ Major Study GPA (last 12 months): _____

FIRST-TIME APPLICANTS: Please submit 2 character references from teachers, clergy, employers, professionals, etc., who are familiar with the student's goals and aspirations.

STUDENT SIGNATURE Date: _____

PSCT SPONSORING MEMBER SIGNATURE Date: _____

Revised 11/2016

PSCT SCHOLARSHIP COMMITTEE HAS FULL DISCRETION TO REJECT AN INCOMPLETE APPLICATION.

Pittsburgh Society for Coatings Technology Hiram P. Ball Memorial Scholarship

APPLICATION DEADLINE: MARCH 15, 2018

ALL APPLICANTS MUST MEET AND COMPLETE ALL REQUIREMENTS OUTLINED BELOW.

PSCT SCHOLARSHIP COMMITTEE HAS FULL DISCRETION TO REJECT AN INCOMPLETE APPLICATION.

GENERAL INFORMATION

- The PSCT Board of Directors will determine, in January, the total amount of scholarship money to be awarded each year.
- Scholarship money will be awarded equally to students as recommended by the Scholarship Committee.
- The Science, Technology, Engineering and Mathematics (STEM) grant will be added to the recipient's scholarship award. (See STEM grant requirements below.)
- **ELIGIBILITY:** Scholarship awards are to support undergraduate studies of FULL-TIME students enrolled in an accredited college or university seeking an associate or bachelor degree as of December 31, 2017. (Students must have maintained a minimum of 12 credits per semester for the 2 previous semesters to be considered full time), Students graduating from their senior year of high school are also eligible for the award.
- The Scholarship Committee will consist of five PSCT Members who do not have a child or relative applying for a scholarship.
- Scholarships are limited to one award per applicant per PSCT member per year.
- **COURSE OF STUDY:** All courses of study are open. (Exception: The additional STEM grant has further course of study restrictions. See STEM grant requirements below.) The PSCT does encourage students to pursue scientific, engineering, or mathematical programs that lead to employment in the Coatings Industry.

REQUIREMENTS

- Applicants must submit a COMPLETE Hiram P. Ball Memorial Scholarship Application which includes a 200-word minimum essay explaining how their course of study will allow the student to reach their professional and educational goals
- Applicants must maintain a 2.75 cumulative GPA (out of 4.0).
- Applicants must submit a full and detailed copy of their transcript. School website transcripts are acceptable.
- Applicants must meet eligibility requirements with regard to enrollment and status at their college or university. (See general information above for more details on who is eligible.)
- Applicant must be the child of an actively participating PSCT member who is current with dues. The PSCT Member must attend at least four (4) PSCT meetings or events a year. The sponsoring PSCT member must submit an electronic letter of endorsement confirming the applicant meets all of the requirements.

OR

The applicant may be a Student Member of the PSCT who is current with dues. Student Member applicants must be sponsored by an actively participating PSCT member who is also current with dues. The Student Member applicant must attend at least four (4) PSCT meetings or events a year. The sponsoring PSCT member must submit a letter to the Scholarship Committee endorsing the applicant.

- Applicant may receive the award up to a maximum of four times.
- New Applicants must also submit 2 Character References who know the student and their goals:
 - Examples: Teachers, Clergy, Employers, Neighbors/Friends, Professionals (doctors, business people).
 - References from relatives are NOT acceptable.

PSCT Science, Technology, Engineering Mathematics Grant Requirements

The Pittsburgh Society for Coatings Technology is a technical society to promote the welfare of the coatings Industry. The Society will be offering an additional grant to one student who is enrolled in a technical course of study. To be considered for this grant, the student must meet the following criteria. If more than one applicant meets the criteria, the award will be made to the student with the highest cumulative grade point average as of application deadline. If no applicant meets the requirements, no grant will be made. The decision of the PSCT Scholarship Committee regarding the grant is final.

Criteria:

- Must meet all other Hiram P. Ball Memorial Scholarship requirements.
- Applicant must have declared a major in Science, Technology, Engineering or Mathematics.
- Applicant must be entering their Junior or Senior year of college or university.
- Applicant must identify course directly associated with declared major curriculum including the degree audit.
- Applicants must highlight within the transcript, the courses that were taken.
- Applicant must have a GPA of 3.0 or greater in these related courses over the past 12 months (including summer school).
- The grant will be an additional \$500 over the Hiram P. Ball Memorial Scholarship award.