



PITTSBURGH SOCIETY FOR COATINGS TECHNOLOGY

OCTOBER 8, 2012

TOPIC: One Coat-Hide Colorants with Expanded Color Space for Architectural Coatings: Meeting Tomorrow's VOC Regulations with Superior Performance

SPEAKER: Dr. Nilanjan Chakrabarti, PhD- BASF Corporation

PLACE: Spaghetti Warehouse / 412-261-6511
2601 Smallman St., Strip District (Free Parking in Lot at 26th St.)

| | | |
|--------------|-------------------------------|----------------|
| TIME: | Board Meeting | 4:00 pm |
| | Social Hour | 5:00 pm |
| | Presentation / Speaker | 6:00 pm |
| | Dinner / Meeting | 7:00 pm |
| | Adjourn | 8:00 pm |

COST: Members: \$30 w/reservation / \$35 at door / Retired \$10

RESERVATIONS:

Please contact Christina Osan by Thursday - October 4, 2012 at Christina.osan@merckgroup.com or 215.510.8397

A MESSAGE FROM THE PRESIDENT

DEAR PSCT MEMBERS:

I would like to thank the golfers; a total of 66 attended the September Golf Outing. I would also like to thank the many business sponsors represented at the golf outing. The weather was perfect, sunny and a high of 84 degrees on the day of the outing. A large thank you goes out to Sam Puglisi and Jim Wasik for doing a great job at organizing the golfing event.

The Golf Outing is the major fundraiser for the Hiram P. Ball Memorial Scholarship Fund. Speaking of the Scholarship Fund, a Scholarship Guidelines Committee has been set up to review the requirements for the Scholarship Fund. In addition to the Scholarship Fund, a special grant of \$500 will be offered to one student that is enrolled in the Science, Technology, Math or Engineering field that meets the criteria. This grant is in addition to the Scholarship Fund. All of the information will be in this newsletter.

At the September meeting, Ray Stewart gave a very interesting presentation on Coatings for Glass; Ray showed how the coating enhanced the glass especially for decorative applications through the use of waterborne polyurethane dispersion chemistry versus the traditional industrial benchmarks that included acid etching and sandblasting of the glass container.

At the October meeting, Dr. Nilanjan Chakrabarti of BASF will be giving a presentation on the newest developments on universal colorants for Architectural Coatings. Dr. Chakrabarti is the technical group leader of the Formulations Group at BASF Pigments for Coatings at Newport, DE. Dr. Chakrabarti has degrees in Chemistry and Chemical Technology from the University of Delhi and Bombay in India along with a PhD in Organic Chemistry from Tulane University.

GARY BALINT

PSCT President 2012-2013

<http://paintsociety.org/>



pitt.coatings.tech@verizon.net

SPEAKER'S BIO

DR. NILANJAN CHAKRABARTI is the technical group leader of the Formulations Group at BASF, Pigments for coatings at Newport, DE. His primary focus is the development of universal colorants, dispersions and organic pigments for architectural coatings. Nilanjan is a PhD organic chemist by training with twenty five years of experience in pigments of which 15 years are with BASF, Ciba and Engelhard combined. Dr. Nilanjan Chakrabarti has degrees in Chemistry and Chemical technology from University of Delhi and Bombay in India, followed by PhD Organic Chemistry degree from Tulane University. Nilanjan began his early work with pigments & dyes chemistry for textile, paper, inks and coatings applications in the early eighties, and has the passion for synthesis and formulations of pigments and colorants for coatings. His latest development of the new BASF colorants which are fully commercial and at the Home Depot in BEHR paints is discussed. He is member of American Chemical society and member of the Philadelphia society for Coatings Technology. Nilanjan is a frequent speaker at the American Coatings Show Conference (ACS), Western Coatings Show & Conference (WCS) as well as at the Cleveland Coatings Society (SOS).

ABSTRACT

Current universal colorants for architectural coatings have been improved significantly to provide the one coat hide with improved color space, weathering and coating performances. These new colorants have been developed using high performance pigments and a dispersant platform technology to provide significant consistent improvement in hiding, and weathering for the customer. Colorants are zero in VOC per EPA definition of zero VOC tinted paints, and meets upcoming SCAQMD rule. They are HAPS and APEO free, with good durability. The physical properties performances, technology and chemistry of the new one coat hide low VOC colorants in low- VOC paints are discussed in this paper.

ADVERTISEMENT REMINDER

We would like to thank those who have advertised with us in the past and hope we can count on your continued support. Advertisers: please contact Christina Osan for details at christina.osan@merckgroup.com

2012-13 MEETING SCHEDULE

Please mark your calendars for the great meetings ahead:

| | |
|-------------------|-------------------|
| November 12, 2012 | December 10, 2012 |
| January 14, 2013 | February 11, 2013 |
| March 11, 2013 | April 8, 2013 |
| May Outing: (TBA) | |

PAINT POT:

Robert Feller won the incentive drawing and Timothy Chen was pulled for the September meeting drawing. Since Mr. Chen was not in attendance the pot will be \$50 and carried over to the October meeting.

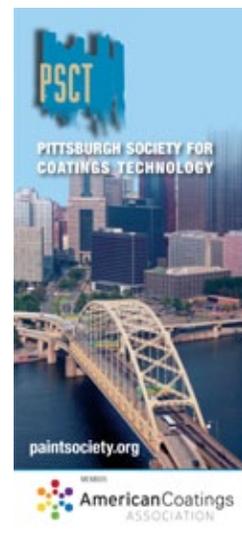
MEMBER HIGHLIGHT

Welcome to a fresh season of PSCT, and we hope you have the opportunity to attend our monthly meetings which include educational presentations and business networking opportunities. As our President Gary Balint mentioned in the September newsletter, the PSCT was founded in 1927 as "The Pittsburgh Paint and Varnish Production Club" and is in its 85th year. Our current membership for the Pittsburgh Chapter is 67 through September. One of the early organizers of the PSCT was Mr. Hiram Ball; who now bears the name of our scholarship and is the highlighted member for October.

(Please see page 8 for the article on Hiram P. Ball, along with the updated scholarship information, and scholarship application on pages 9 & 10.)

PSCT BROCHURE

Copies of the PSCT information brochure are available at PSCT meetings or by contacting Jim Wasik.



PSCT GOLF OUTING

Another spectacular day, sunny and warm for 66 golfers supporting the Pittsburgh Society for Coating Technology Scholarship Fund Golf Outing. Everyone had a great time including a unbelievable 14 UNDER Par winning team of Randy Russell Sr., Randy Russell Jr., Rob McCourt and Mike Walton. They are either super golfers or great supporters of Mulligans. Either way, Congratulations to the each of them.

The PSCT thanks all of the sponsors (below) who sponsored hole and donated door prizes and trophies. Without their sponsorships and donations, the 2012 Golf Outing would not have the great success that it was.

2012 Sponsors:

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| Archway Sales | Brenntag Specialties |
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| Wolf Container and Chemical Co | |

At the Outing, over \$1500 in Raffle and Mulligans were sold. These funds along with the over expenses revenue will go to support the PSCT Hiram P. Ball Scholarship Fund. The scholarship are awarded to college bound children of actively participating PSCT members. Beginning this year a special Grant is being made to one junior or senior student enrolled in a Science, Technology, Engineering or Mathematics program.

The PSCT extends a special Thank You to Sam Puglisi for his untiring efforts in organizing this yearly event. Without his dedicated efforts, the Outing would not be the success it is. – Sam, THANK YOU!

Winning Team:

| | |
|-------------------|-------------------|
| Rob McCourt | Randy Russell Sr. |
| Randy Russell Jr. | Mike Walton |

Skill Prizes:

Hole #2 – Closest to the Pin – Barry DiGuseppe

Hole #6 – Longest Drive – Joe Mark

Hole #7 – Closest to the Pin – Mark DePasquale

Hole #9 – Longest Putt – Tim Chen

Hole #10 – Longest Drive – Tony Jones

Hole #11 – Closest to the Pin – Randy Russell, Sr.

Hole #14 – Closest to the Pin – Tim Knell

Hole #18 – Longest Putt – Mike Barnes



Winning Team:

Rob McCourt

Randy Russel, Jr

Randy Russell, Sr.

(Not Pictured: Mike Walton)



2012 EDUCATIONAL PROGRAMS BY ACA

UPCOMING VIRTUAL LEARNING CONFERENCES SCHEDULE

To Register:

<http://paint.org/events/virtual-learning-conferences.html>

September 27, 2012 1 – 2pm – ET

What's in a Can of Paint – Formulating Coatings for the Architectural Market: Part 1 – Linda Adamson - Dow

October 4, 2012 1 – 2pm – ET

What's in a Can of Paint – Formulating Coatings for the Architectural Market: Part 2 – Linda Adamson - Dow

December 6, 2012 1-2pm – ET

Basic Surface Chemistry, Surfactants and Wetting Agent Selection for Coatings. – Charles Hegedus, Air Products and Chemicals, Inc

CONFERENCES & WEBINARS

To register: <http://paint.org/events/ac-series.html>

September 11th & 12th

International Marine and Offshore Coatings

September 12th & 13th

Additives

Sheraton Inner Harbor Baltimore, MD

September 20 & 21, 2012

Wood Coatings and Substrates Conference.

Piedmont Society

The University of North Carolina at Greensboro

Elliott University Center / Cone Ballroom

540 Stirling St, Greensboro, NC 27412

Please visit <http://www.piedmontsociety.com/> for

complete conference schedule and links to maps.

WEBINAR

October 24, 2012

Occupational Health and Safety Committee

Product Stewardship Committee

CONFERENCE

October 29-30, 2012

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Fax: 724.940.2236

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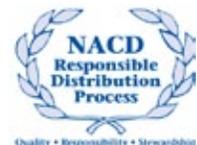
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PSCT OFFICERS FOR 2011-2012

President
 Gary Balint
 Lanxess Corp.
 8 Morgan Road
 Burgettstown PA 15021
 412-809-4735
 gary.balint@lanxess.com

Vice President
 Cynthia L. O'Malley
 KTA-Tator, Inc.
 115 Technology Drive
 Pittsburgh, PA 15275
 412-788-1300 ext 180
 comalley@kta.com

Secretary
 Karen Hollertz
 PPG Industries, Inc.
 151 Colfax Street
 Springdale PA 15144
 724-274-3353
 hollertz@ppg.com

Treasurer
 Christina Osan
 EMD Chemicals
 215-510-8397
 christina.osan@merckgroup.com

Past President
 Timothy Knell
 Shore Corporation
 2917 Spruce Way
 Pittsburgh PA 15201-1508
 412-471-3330
 tknell@shorecorporation.com

Director at Large
 Peter Chakos
 NEXEO Solutions
 1768 Moynelle Drive
 Pittsburgh, PA 15243
 412-779-2020
 PJChakos@nexeosolutions.com

**Representative to ACA Society
 Liaison Committee**
 James A. Wasik
 70 Woodland Farms Rd.
 Pittsburgh PA 15238
 412-967-9541
 jawasik@verizon.net

COMMITTEE CHAIRS

Membership
 Britney Grabigel
 PPG Industries, Inc.
 151 Colfax Street
 Springdale PA 15144
 724-274-3548
 grabigel@ppg.com

Education and Scholarship
 Mark Harley
 530 6th Street
 Oakmont PA 15139
 412-828-2568

Bylaws
 Raymond Stewart
 Bayer MaterialScience LLC
 100 Bayer Road, Bldg. 8
 Pittsburgh, PA 15205
 412-777-4675
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PSCT Membership Application and Dues Renewal Form for 2012-2013

1. MAILING ADDRESS:

Name: _____

Company: _____

Address: _____

City: _____

State/Prov: _____ Postal Code: _____

2. CONTACT INFORMATION:

Work Phone: _____

Fax: _____

Toll Free: _____

Home Phone: _____

Email: _____

3. MEMBERSHIP DUES

Primary Full Membership \$30

Secondary Full Membership \$30

Student/Educator \$5

Retired Member \$5

*Please indicate primary society membership: _____

5. PAYMENT INFORMATION:

Check payable to PSCT

6. SIGNATURE AND DATE: (Required)

Signature: _____ Date: _____

7. RETURN FORM AND CHECK

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ABOUT HIRAM P. BALL

Hiram P. Ball was the son of George Loyal Ball, founder of three Pittsburgh chemical companies, and Lilian William Ball. He was educated in the public schools of Pittsburgh and the University School of Pittsburgh, from which he was graduated in 1932. He then attended Lehigh University, but transferred to Franklin and Marshall College, where he earned a Bachelor of Arts degree in 1937. He attended Harvard Graduate School of Business Administration in 1937 and 1938. In 1968, he was awarded an honorary Doctor of Laws degree from Thiel College in Pennsylvania.

On Oct. 16, 1943, in Covington, KY, Bro. Ball married Florence H. Campbell of Indianapolis, IN. They had one son and two daughters. The Balls had been members of the Glade Run United Presbyterian Church, Cooperstown, PA.

Hiram's first job (1938-1940) was as a laboratory technician with a small company in New York City that manufactured paint and industrial coatings. He then joined his father's Ball Chemical Co. as secretary-treasurer and director (1940-1959) and later became president and chairman of the board (1959-1984). Hiram also was secretary-treasurer of the family-owned Cleanola Co. (1940-1985). During the same period, he was secretary, director and later president of the family-held Pittsburgh Insulating Co. Later, he also was president and director of B.B.I., Inc. (1967-1981), a company he established and developed a system of mechanics to pull fiberglass and resins through heated molds into various shapes used by the electric industry. His memberships in professional organizations were numerous and he held leadership offices in most of them.

In addition to his industrial interests, Hiram Ball was a partner with his two brothers in Ball Associates (1941-1985), which ran the largest purebred Hereford breeding farm in the East and was the first in Pennsylvania to develop polled (hornless) cattle. He belonged to a number of livestock and breeders associations and served leadership roles in most of them.

He was a trustee of Franklin and Marshall College (1952-1972), a member of the advisory board of the Allegheny Center Branch of the Pittsburgh National Bank (1960-1969), on the board of trustees of the Union Dale Cemetery Co., and president (1954-1965) of the Middlesex Twp. School Authority.



THE HIRAM P. BALL MEMORIAL SCHOLARSHIP

Several changes in the PSCT Scholarship Program were adopted by the Board of Directors. The major change in the requirements for the General Hiram P. Ball Scholarship is an increase in the cumulative grade point average from 2.5 to 2.75.

The Pittsburgh Society for Coatings Technology is a science and 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. This Grant will be awarded to one Hiram P. Ball Scholarship recipient who meets the extra requirements: has a declared Science, Technology, Engineering or Mathematics major, entering the Junior or Senior Year, and has a 3.0 minimum grade point average in courses directly related to the declared major. (see application for specific requirements). The Grant will be \$500 in addition to the Hiram P. Ball Memorial Scholarship award.

The Board of Directors thanks the Scholarship Revision Committee – Mark Harley, Deb Longhini, Christina Osan, Britney Grabigel and Jim Wasik – for the efforts.