



PITTSBURGH SOCIETY FOR COATINGS TECHNOLOGY



APRIL 14, 2014

<http://paintsociety.org/>



<http://paint.org/>

pitt.coatings.tech@verizon.net

TOPIC: Metal Packaging for Food and Beverages

SPEAKER: Tom Van Kuren, Watson Standard

PLACE: Domenico's Ristorante / 412-776-6455
20550 Route 19, Cranberry Twp., PA 16066
www.domenicoscranberry.com

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

NOTE:

The April meeting has been designated as the "Past President's Meeting." Any member who has previously served as a PSCT President is invited to attend the meeting at no cost. Please inform Christina Marlier of your Past President status when you RSVP.

RESERVATIONS: Please contact Christina Marlier by Thursday, April 10 at treasurer@paintsociety.org or 215.510.8397



SPEAKER'S BIO

TOM VAN KUREN is the Technical Director at Watson Standard where he currently leads the lab responsible for the development, commercialization and technical support of coatings for rigid metal packaging. He received his B.S. degree in Chemistry with a Biochemistry concentration from the University of Cincinnati. For 30 years he has been directly involved in coatings formulation and commercialization, advancing from bench chemist through various supervisory roles and technical management. Prior to Watson Standard, he spent over 17 years at Valspar in the Packaging Coatings Group where he most recently held the position of Technical Manager, Beverage End Coatings. Tom also held several formulation and technical leadership positions developing industrial coil coatings at Sherwin Williams, AkzoNobel, and PPG. He is a member of the PSCT and the International Metal Decorators Association (IMDA). Additionally, he has several patents, has presented papers at international conferences and frequently provides "Coatings 101" training for many of his customers.

ABSTRACT

Food cans were invented to feed Napoleon's troops over 200 years ago. Today they feed the world. Food and beverage can designs continue to evolve to satisfy consumer preferences, improve sustainability and environmental impact, strengthen product branding, comply with changing regulations and improve production efficiency. Many of the innovations in metal packaging would not be possible without the contribution of the polymeric coatings that are applied to the interior and exterior surfaces. This presentation will provide an overview of the broad variety of metal packaging currently used for food and beverages and will discuss the factors that drive change and innovation in packaging design. The types of coatings used and their role in the overall package performance will also be explained. This will include application and cure of the coatings, as well as fabrication, handling, filling, processing and transportation of the filled package. The impact of these performance requirements on the decision processes involved in raw material selection will be discussed. The talk will close with a look towards the future and potential new requirements for packaging coatings and their raw materials and the need for new areas of technical expertise.

PRESIDENT'S MESSAGE



I would like to thank Dr. Romesh Kumar from Clariant Corporation. Dr. Kumar gave a very interesting talk on Requirements for Colorants for Concrete Coatings, color trends and new market research data on a variety of end-user needs.

The April Meeting is the last technical meeting of the year and will be complimentary for past-presidents. The speaker for April is Tom Van Kuren of Watson Stan-

dard. Tom will be speaking on the broad variety of metal packaging currently used for food and beverages and will discuss the factors that drive change and innovation in packaging design. I'm sure we will learn a lot from Tom's talk.

In addition to Tom's talk, the election of the PSCT Officers for the 2014 - 2015 year will be taking place. Please see the section of the newsletter that outlines the current candidates and come to the April meeting prepared to vote.

At our previous meeting a vote was taken for the location of the May Social Event and a Pirate Game won the vote. An e-mail went out to each of the members providing the details for the outing. Please get your payment in to Tim Hurley. Tim will be accepting money or checks at the April 14th PSCT Meeting. The May Social Event is on May 5th, and will include a buffet dinner at 5:30 and the game at 7:05PM.

The 2014 Hiram P. Ball Memorial Scholarship winners will be welcomed free of charge to the May Social Event and the list of 13 recipients can be found in the newsletter including the student receiving the \$500 Grant majoring in the Science, Technology, Engineering or Mathematics field. This is the second year for this Grant.

The April meeting will be held at Domenicos in Cranberry Twp, 20550 RT 19N (Piazza Plazo). The link to Domenicos website to preview the venue, or obtain directions is: <http://www.domenico-scranberry.com>. There is plenty of parking on-site. The meeting registration and payment is also available on The Pittsburgh Society for Coatings Technology website, paintsociety.com.

Cindy O'Malley

PSCT President 2013-2014

MEMBER HIGHLIGHT: CHUCK CHEEKS



Chuck first joined FSCT in 1989 as a member of CDIC (Columbus, Dayton, Indianapolis, and Cincinnati). He had been hired by DAP, Inc. to work as formulator of adhesives, sealants, caulks and putties in 1983 and took a temporary transfer to their Coatings and Wood Preservatives group in 1989. After that point, his main area of development has been water repellent wood preservatives, latex primers and topcoats for millwork applications (windows, doors, molding, etc.) as well as formulation of DAP's Woodlife retail wood preservative product lines. Kop-Coat purchased the industrial wood preservatives from DAP in 1993, with the agreement that Chuck would move to Pittsburgh as part of the sale. Chuck continues to formulate industrially applied water repellent wood preservatives at Kop-Coat, as well as assist in the development of Lumber Treatment Chemicals. He is also a Past President of the PSCT.

Although he has not given up playing golf, he just cannot find the time to play. Recently he has taken an interest in Genealogy and has been somewhat successful in researching his family tree.

PAINT POT

The winner of the March Paint Pot was Chuck Cheeks of Kop-Coat, Inc.

PSCT SCHOLARSHIP

Congratulations to the following recipients of the 2014 Hiram P. Ball Scholarship:

- Zachary Millero, (Edward Millero)
- Rachel Chen, (Timothy Chen)
- Robert Lewis, (Karen Hollertz)
- Katelyn Meade, (Jeff Meade)
- Aubree Fairfull, (Cindy O'Malley)
- Brian Hurley, (Timothy Hurley)
- Leann Puglisi, (Sam Puglisi)
- Andrew Weldon, (Dwight Weldon)
- Brianna Hawk, (Bill Hawk)
- Morgan Rector, (Michael Haraczy)
- Rachel Sherbondy, (Valerie Sherbondy)
- Adam McCourt, (Robert McCourt)
- Melanie Roberts, (Cheryl Roberts)

and the recipient of the additional 2014 STEM (Science, Technology, Engineering and Mathematics) Grant:

- Zachary Millero, (Edward Millero)

2014 - 15 PSCT OFFICER ELECTIONS

The current nominations for the 2014 - 15 Board of Directors are:

Nominations for Election:

Vice President: Christina Marlier, EMD Chemicals
Secretary: Kenneth Cutler, Kop-Coat, Inc.
Treasurer: Mark DePasquale, PPG Industries
Director at Large: Jim Wasik, Retired

Continuing Board Members:

President: Chrissy Stewart (from Vice President)
Past President: Cindy O'Malley (from current President)
Society Liaison Committee Representative:
Valerie Sherbondy, KTA-Tator, Inc.

The following listed Committee Chair positions have been appointed by the incoming President:

Membership: Britney Grabigel, PPG Industries
Bylaws: Karen Hollertz, PPG Industries
Education/Scholarship: Julie Glover, KTA-Tator, Inc.

WEBSITE

Please visit <http://paintsociety.org> and view the website, including the current newsletter, President's message, photos from the golf outing and more. Don't forget you can RSVP and pay for the upcoming dinner meeting from the home page of the website!

MEMBERSHIP RENEWAL

For those members who have not yet renewed their membership, you can contact Britney Grabigel to renew your membership at grabigel@ppg.com or at 724-274-3548. If you renewed online through the ACA website, please confirm your status with Britney.

Renew online at <http://www.paintsociety.org/join/>

ADVERTISEMENT REMINDER

We would like to thank all 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 Christina Marlier at 215-510-8397 or christina.marlier@EMDmillipore.com

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2014 CONFERENCES:

www.paint.org/events/virtual-learning-conferences.html

Architectural Powder Coatings -

Special Joint Webinar with the Powder Coatings Institute

Bob Cregg, Sherwin Williams • May 15, 2014 11 - 12 pm ET

The LEED Rating System and Green Building Update

Tim Serie, American Coatings Association • June 5, 2014 1 - 2 pm ET



Carol Traister

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PSCT SPRING EVENT

Pittsburgh Pirates -vs- San Francisco Giants



Monday, May 5, 2014

\$70 FOR PSCT MEMBERS AND GUESTS.

INCLUDES: buffet in the picnic park overlooking the city, a Pirates Baseball hat and tickets for seats in the lower outfield box. Buffet at 5:30pm & game at 7:05pm.

RESERVATION BY APRIL 5: Send check to Tim Hurley or pay at the April PSCT Meeting.



Tim Hurley, PPG Industries, Inc. • 151 Colfax Street • Springdale PA 15144 • thurley@ppg.com

PITTSBURGH PIRATES BASEBALL

Pittsburgh Pirates vs San Francisco Giants Buffet Monday, May 5th

Cost per person would be approx. \$70

The May Outing will be held on Monday, May 5th at PNC Park to watch the Pittsburgh Pirates do battle with the San Francisco Giants. The buffet begins at 5:30 and the game has a start time of 7:05. The buffet includes the following:

Southern hospitality menu includes:

- Southern fried chicken - lightly breaded, golden fried
- Corn muffins and honey butter
- Slow roasted barbecue ribs - tender & succulent ribs smothered in BBQ sauce (served with plenty of handy wipes)
- Fire roasted corn with peppers and onions
- Baked pepper-jack macaroni & cheese accented with diced green chiles
- Peach salad - butter bib lettuce gently garnished with fresh peaches and blue cheese crumbles & finished with chef's fresh onion vinaigrette dressing
- Watermelon platter
- Peach cobbler with vanilla ice cream
- The back porch peach iced tea
- Pepsi brand soft drinks
- Draft beer

If you have not already submitted payment, please bring payment of \$70/person to Tim Hurley at the April meeting. You can also make payment by visiting our website, <http://paintsociety.org>, and selecting the May Outing link on the home page.

And remember, recipients of the Hiram P. Ball Scholarship are invited to attend the May Outing for free.

PSCT OFFICERS AND BOARD OF DIRECTORS

President

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PSCT Membership Application and Dues Renewal Form for 2013-2014

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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