



# PITTSBURGH SOCIETY FOR COATINGS TECHNOLOGY

## SEPTEMBER 12, 2011

**TOPIC:** Glass Coating Technologies (Industrial Coatings Example)

**SPEAKER:** Raymond Stewart - Bayer Material Science

**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 Debra Longhini by September 8, 2011  
at [longhini@ppg.com](mailto:longhini@ppg.com) or 412.434.2236

## A MESSAGE FROM THE PRESIDENT

**DEAR PSCT MEMBERS:**

Greetings, I hope that you have had a relaxing summer and are ready to start another season with the PSCT. There is still time to do a little of both by signing up for the September 8th Golf Outing at Cedarbrook.

One of the goals I have for this year is to make membership in the PSCT more beneficial to the members and fun for attendees at the monthly meetings. One of the ways to do this is to get to know the other members better to encourage business and personal interaction. In the past the national organization used to publish a directory of all members and their local affiliations. This is not currently being done so we wish to publish informal profiles of our members for distribution only to our members. This would include work contact info, a brief work history, and professional and personal interests. Recently a chance conversation with a long time PSCT acquaintance revealed that we had a common love of gardening. The bios of the board members and committee chairs are included in this newsletter. The plan is to compile these and send them to the membership. The profiles of new members would be published in the next newsletter and add them to the growing list. These will not be put on our website or offered to any outside entity. The included form also has an option for opting out of the program.

Most of our meetings this year are scheduled at the Spaghetti Warehouse on 2601 Smallman Street in the Strip district of Pittsburgh. There is plenty of free off street parking. We have about half of the schedule filled with speakers and some of them are members who just joined last year. There is still time to volunteer or request a subject for a presentation.

**TIMOTHY KNELL**

PSCT President 2011-2012

<http://paintsociety.org/>



## SPEAKER'S BIO

**RAY STEWART** has held technical positions with 4 paint suppliers and 1 raw material supplier over 40 years since his graduation from the University of Illinois (Ph.D., Organometallic Chemistry). He came to Bayer MaterialScience LLC in 2004 as Senior Scientist in Business Development, Coatings, Adhesives, and Specialties. Ray's areas of interest include new product developments in one component waterborne coatings systems and their application in industrial and architectural markets.

## ABSTRACT

Waterborne polyurethane dispersion (PUD) chemistry is considered a benchmark for high performance coatings performance. The 21st century coatings formulator continues to seek new tools to develop coatings to meet his/her customer's needs. Today's lecture will consider new advances with attention to polymer design and paint formulation for formulating industrial one component (1K) polyurethane coatings. Examples will be cited for use in 1K thermally cured applications.

## ABOUT THE PSCT OFFICERS

PSCT PRESIDENT: **TIMOTHY KNELL**, Vice President of Research and Development for Shore Corporation in Pittsburgh where he has worked for 10 years. There Knell developed a wide range of cleaning and disinfectant products for the vehicle care, institutional, and restoration industries. Shore also produces some specialty coatings for rust control and concrete repair and preservation. Previously, he worked at several multinational companies developing pigments, pigment dispersions, coatings and inks. He graduated with a BS in chemistry from Carnegie-Mellon University with an emphasis on colloids, polymers, and surfaces. Outside of work: Timothy enjoys running, cats, and wine tasting.

PSCT VICE-PRESIDENT: **GARY BALINT** is the Technical Service Laboratory Manager for Paints for LANXESS Corporation in Pittsburgh where he has worked for 7 years. Prior to that, Balint worked with Bayer Corporation, and Mobay Corporation for 20 years working with inorganic pigments for paints, organic pigments for automotive, aromatic and aliphatic polyurethane coatings for the industrial market and elastomeric coatings. He graduated with a BS in business and marketing from Robert Morris University.

Outside of work: Gary enjoys walking, bicycling, golfing, working with stained glass, and cats.

## GOLF OUTING

The PSCT Golf Outing is on Thursday September 8, 2011. You should have received a post card in the mail. If you have not received a post card or have not contacted anyone regarding the golf-outing please contact Sam Puglisi at 412-221-7020. Please show your support, the Golf Outing benefits the PSCT Scholarship Fund.



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## 2011 EDUCATIONAL PROGRAMS BY ACA

### UPCOMING VIRTUAL LEARNING CONFERENCES SCHEDULE

#### September 22, 1:00-2:00 pm (ET)

Optimizing White Opacity in a Paint  
Michael Diebold, DuPont Titanium Technologies

#### October 6, 1:00-2:00 pm (ET)

Industrial Surface Coatings:  
VOC/HAP Regulatory Update & Forecast  
Dave Darling, American Coatings Association

#### October 13, 1:00-2:00 pm (ET)

Defoamer Theory, Application and Selection in Coatings  
Charles R. Hegedus, Air Products and Chemicals, Inc.

### UPCOMING CONFERENCES

#### September 13-14

International Coatings Wood & Wood Composites Conference  
Doubletree Suites / South Park Charlotte, NC

#### September 14-15

Advances in Polyurethane Technology  
Doubletree Suites / South Park Charlotte, NC

## 2011-12 MEETING SCHEDULE

Please mark your calendars for the great meetings ahead of us.

September 12, 2011

October 10, 2011

November 14, 2011

December 12, 2011

January 9, 2012

February 13, 2012

March 12, 2012

April 9, 2012

May Outing: (TBA)

## MEMBERSHIP RENEWAL

It is that time of the year for membership renewals. Terry Scheftic is our membership chair. You can contact him to renew your membership at [tscheftic@ppg.com](mailto:tscheftic@ppg.com) or at 724-274-3337. You will also be getting paper copies of membership renewal form for those who have not renewed their membership yet. If you renewed online please confirm your status with Terry.

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## ADVERTISEMENT REMINDER

We would like to thanks all the suppliers who have advertised with us in the past and hope we can count on your continued support. If companies want their logo and company name displayed on the PSCT website, please contact Alyssa Herzing (herzing@ppg.com) and non-member visitors will see your Company name when they log onto our site. Advertisers please contact Deb Longhini for details at longhini@ppg.com.

## PSCT BROCHURE

A new brochure to help promote the PSCT to area businesses and individuals is now ready. Copies are available at PSCT meetings or by contacting Jim Wasik.



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## PSCT Membership Application and Dues Renewal Form for 2011-2012

### 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

Terry Scheftic/PPG Industries, Inc.  
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## 30th Biennial Western Coatings Societies Symposium and Show

**October 23 - 26, 2011**

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**[www.wcsshow.com](http://www.wcsshow.com)**

Hosted by the Arizona, Golden Gate, Los Angeles, & Pacific Northwest Societies for Coatings Technology, the 30th Biennial WCS Symposium and Show is being held October 23-26, 2011 at the Mirage Hotel & Casino in Las Vegas, Nevada.

The WCS Symposium and Show is the major coatings event in the west this year and features an extensive technical program covering a wide spectrum of topics along the following lines.

- New Formulations & Coatings
- Management of Technologies in the Coatings Industry
- New Environmental & Manufacturing Developments
- New Trends in the Coatings Industry
- Global Economic Outlooks for the Coatings Industry

Find a complete list of the presentations at

**[www.wcsshow.com](http://www.wcsshow.com)**

Complimenting this year's Technical Program is a Trade Show representing the industry's foremost manufacturers, distributors and suppliers of raw materials, equipment, and innovative technologies.

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## **WCS Exhibitors as of 8/15/2011:**

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