



PITTSBURGH SOCIETY FOR COATINGS TECHNOLOGY

OCTOBER 10, 2011

- TOPIC:** Infrared Spectroscopy: A Sophisticated Match Game
- SPEAKER:** Chrissy Stewart – KTA Tator, Inc.
- 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 **OCTOBER 6, 2011**
at longhini@ppg.com or 412.434.2236

A MESSAGE FROM THE PRESIDENT

DEAR PSCT MEMBERS:

Thanks to all of you that attended and / or sponsored our September Golf Outing. As usual Sam Puglisi and Jim Wasik did a great job and even got the weather to cooperate with the first dry day in about a week. The Golf Outing is the primary fundraiser for the PSCT Scholarship fund and preliminary data indicates that we raised about the same amount as the last two years. To be eligible for a scholarship the member parent needs to attend 4 meetings or events prior to the scholarship deadline of March 31 or be an officer or committee chair. There are 6 remaining meetings before the end of March.

At the time I write this, our local membership total is 46, about where we were last year. If you haven't renewed yet or have a friend or coworker that might be interested please get you applications to Terry Scheftic or the ACA online.

At the September meeting Ray Stewart gave an interesting presentation about organic coatings for glass, their properties and test procedures. In the 1990's I spent about 5 years working on this type of coating and the durability properties that Ray presented were essentially considered impossible to obtain. If I only knew then

At the October meeting Chrissy Stewart, a Chemist at KTA Tator, Inc. will give a presentation on coatings analysis and comparison using Fourier transform infrared instrumentation. Chrissy holds a Chemistry degree for Mercyhurst College and has been with KTA Tator since 2006. She joined the PSCT earlier this year and she may have set the record for the shortest time from joining to becoming a speaker. Please join us on October 11th to hear her presentation.

We still have a few openings left for speakers after the first of the year so feel free to volunteer or suggest a speaker.

TIMOTHY KNELL

PSCT President 2011-2012

<http://paintsociety.org/>



SPEAKER'S BIO

CHRISSE STEWART is a Chemist with KTA Tator, Inc., a consulting engineering firm specializing in industrial protective coatings. Employed with KTA since 2006 she is involved in coating failure investigations and comparative coatings testing services provided by both the analytical and physical testing laboratories. She holds a BS in chemistry from Mercyhurst College. Ms. Stewart is a member of SSPC.

ABSTRACT

This presentation on the use of Fourier transform infrared spectroscopy and spectral comparisons using algorithm-based determinations is comprised of an orientation to the basics of instrument use and sample preparation, followed by a review of comparative techniques used in response to questions that arise concerning coating identity or similarities. The chemical molecular bonds associated with each coating type used to generically identify the coating types will be reviewed as background information. Infrared spectroscopy can be used to compare an unknown coating to a suspected match, determine similarities between different batches of the same material, and in many cases to determine if a coating was mixed in the properly specified proportions. Today's lecture will focus on the use of infrared spectroscopy through comparative means.

2011-12 MEETING SCHEDULE

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

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 or at 724-274-3337. You will also be getting paper copies of the membership renewal form for those who have not renewed their membership yet. If you renewed online please confirm your status with Terry.

PAINT POT:

Robert Lippert of Kop Coat would have won the Paint Pot Drawing had he been present. The Paint Pot is up to \$50 for the October meeting.

ABOUT THE PSCT OFFICERS

JIM WASIK - Society Liaison Committee Representative

Jim began his paint career in 1969 (long before many of you were born) after graduation from the University of Illinois. He has worked for various Architectural Paint companies in Chicago, Los Angeles area, Seattle and Pittsburgh and has been a member of the Paint / Coatings Societies in each city. With the Pittsburgh Society, Jim has held each elective office including President 2002-2003. He was honored for his service to the PSCT as the first PSCT Honorary Member in over 20 years. After serving on the Federation of Societies for Coatings Technology elected Board of Directors, he currently serves as Vice-Chairman of the American Coatings Association Society Liaison Committee. Outside of work and coatings related activities, Jim enjoys cooking (it shows), mushrooms and playing at golf. Anyone who has seen him golf can attest to 'playing at golf'. Jim and Martha Wasik have a daughter living in Seattle.

DEB LONGHINI - PSCT Treasurer

Deb is a Strategic Sourcing Manager for Raw Materials at PPG Industries, Inc. corporate headquarters in downtown Pittsburgh. Deb has been in her current position for three years and prior to this worked in product development for PPG's industrial liquid coatings, protective maintenance coatings, electro-deposition coatings and chemical group research facilities in Texas and Ohio. She holds both a bachelor's and master's degrees in Chemistry from the State University College of New York at Buffalo.

Outside of work: Deb enjoys cooking for friends and family gatherings.

2011 EDUCATIONAL PROGRAMS BY ACA

UPCOMING VIRTUAL LEARNING CONFERENCES SCHEDULE

October 6, 2011, 1:00-2:00pm(ET)

Industrial Surface Coatings: VOC/HAP Regulatory Update & Forecast

Dave Darling, American Coatings Association

October 13, 2011, 1:00-2:00pm(ET)

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



Carl J. Alessandro
Senior Technical Sales Representative

BYK USA Inc.
P.O. Box 360136
Strongsville, OH 44136
www.byk.com

Telephone (440) 238-8014
Telefax (440) 238-8520
Cell (216) 390-3647
Carl.Alessandro@altana.com

A member of ALTANA

CHEM-MATERIALS COMPANY®
SERVING INDUSTRY RESPONSIBLY

16600 Sprague Road
Cleveland, Ohio 44130-6318

cmc@chem-materials.com

(440) 243-5590 Telephone
(800) 585-0808 Toll Free
(440) 243-1940 Fax
cmc@chem-materials.com e-mail
www.chem-materials.com website



Quality • Responsibility • Stewardship

2011 PSCT GOLF OUTING

A MESSAGE FROM JIM WASIK

Well the weather held and turned out to be a beautiful day. Over 50 golfers attended and it was 'nip and tuck' until the final hole when Team - '3 Beards and a Golfer' sunk a pressure putt of over 20 feet to win with 10 under par. The 'Golfer', Nick Tamerlano, might have been about 12 under par without the '3 Beards' - Tom Crytzer, John D'Amico and Jim Wasik. All in all, it was a great day. The PSCT raised over \$4,000 dollars for the PSCT Scholarship Fund.

A special thanks to the various sponsors who support the PSCT Golf Outing along with Sam Puglisi who has continually organized the annual event. Without their support and efforts, the PSCT Golf Outing and PSCT Scholarship fund would not be successful. If you get a chance, please thank the sponsors and Sam.

Congratulations to the Winners. No one was a loser. Everyone had a great day and time.



l-r; Jim Wasik, Tom Crytzer, Nick Tamerlano, John D'Amico

THANK YOU TO OUR SPONSORS:

Archway Sales • Brenntag Specialties
Bayer Material Science • BYK USA • Cytec
Dar Tech • Durr Marketing • Elementis
FBC Chemical • JM Gillen Co • Harvey Lipsitz Co
KTA Tator • Lanxess • MF Cachet • OMG
Ranbar Technologies • So Clay Products
Wolf Containers

THE M. F. CACHAT COMPANY

14600 Detroit Avenue Suite 600
Lakewood OH 44107

Andy DePage
Technical Sales Representative

800 • 729 • 8900 x 222

216 • 228 • 9916 fax

248 • 705 • 2776 car

agdepage@mfcachet.com

www.mfcachet.com



Chad Hack
Technical Sales Representative

BYK USA Inc.
1380 Fieldstone Court
Ann Arbor, MI 48108
www.byk.com

Chad.Hack@altana.com

Telephone (734) 913-9060
Chad.Hack@altana.com

A member of **ALTANA**



Linda Lee Wolf
President/Owner
Tel: 724.940.2222
Fax: 724.940.2236
Mobile: 412.670.1679

WOLF CONTAINER & CHEMICAL CO., INC.
Packaging & Chemical Products

2591 Wexford - Bayne Road, Suite #303
Sewickley, Pennsylvania 15143

lindaw@wolfcontainer.com

MORE GOLF OUTING PHOTOS



PSCT OFFICERS FOR 2011-2012

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

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

Past President
 Abdullah Ekin
 Bayer Material Science
 100 Bayer Road
 Pittsburgh PA 15205-9741
 412-777-2703
 abdullah.ekin@bayerbms.com

Representative to ACA Society
 Liaison Committee
 James A. Wasik
 PPG Industries, Inc.
 151 Colfax Street
 Springdale PA 15144
 724-274-3307
 wasik@ppg.com

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

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

Treasurer
 Debra M. Longhini
 PPG Industries, Inc.
 One PPG Place
 Pittsburgh, PA 15272
 412.434.2236
 longhini@ppg.com

Director at Large
 Peter Chakos
 Neville Chemical Co.
 2800 Neville Road
 Pittsburgh PA 15225
 412-777-4244
 pchakos@nevchem.com

Membership
 Terry Scheftic
 PPG Industries, Inc.
 151 Colfax Street
 Springdale PA 15144
 724-274-3337
 tscheftic@ppg.com

Bylaws
 Raymond Stewart
 Bayer MaterialScience LLC
 100 Bayer Road, Bldg. 8
 Pittsburgh, PA 15205
 raymond.stewart@bayerbms.com

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 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.



HARVEY LIPSITZ CO.
 Steel Containers • Tin Cans • Plastic Pails
 Plastic Bottles • Glass Jars

MEL S. LIPSITZ

5621 BUTLER STREET
 PITTSBURGH, PA 15201
 PHONE: 412-782-2461
 FAX: 412-782-5507
hlipcans@hotmail.com

From A Carton To A Truckload

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

WELDON LABORATORIES, INC.

Testing and Failure Analysis for the Coatings Industry

Dwight G. Weldon
 PRESIDENT

1188 Route 30
 P.O. Box 40
 Imperial, PA 15126

Phone: 724-695-2212
 Fax: 724-695-2218

MR SERVITUM

MATTESON - RIDOLFI, INC.

EDWARD TYSL

Home Office
 33271 Ambleside Drive
 Avon Lake, OH 44012
 Cell Phone: 440-237-1849
etysl@mattrid.com

Corporate Office
 14450 King Road
 P.O. Box 2129
 Riverview, MI 48193
 Customer Service:
 (800) 275-4503
 Fax: 734-479-1630

UL Documentation Verification Assessment 1995 File T7NC2078

dar-tech, Inc.

Serving American Industry since 1951

Representing the World's Best
 Your one-stop solution supplier for pigments, functional minerals, specialty additives, resins and more.

16485 Rockside Road
 Cleveland, Ohio 44137-4336
www.dar-techinc.com

Toll Free 800 228-7347
 Fax 216 663-8007
Ed Kaczmarek / Jim Benduhn

The CONN BLADE™
 SINCE 1948

CONN AND COMPANY, L.L.C.
 Designers and Manufacturers of Industrial Mixing Equipment for

PAINTS ADHESIVES URETHANES
 INKS CEMENTS ETC.

Richard C. Freeman
 814-723-7980 / FAX 814-723-8502
 11 S. Marion Street • Warren, PA 16365
www.connblade.com

A.C. Zoller Company
 Manufacturers' Representative

Alan C. Zoller
Mark A. Zoller

Chemicals & Equipment for Industry
mark.zoller@aczoller.com

P.O. Box 289
 740 Seventh Street
 Oakmont, PA 15139
412-828-8040
 Fax 412-828-7219

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.
151 Colfax Street
Springdale, PA 15144

tscheftic@ppg.com

OFFICIAL USE ONLY:

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

AMMONIA FOR INDUSTRY

1 qt., 4-1 gal, 5 gal, 15 gal,
50 gal, totes 200-300 gal.
Any concentration available
as well as private labeling.

We are a leading manufacturer of reagent grade ammonia solutions with over 50 years' experience. Our modern facilities, extensive research and development, and emphasis on quality, service, reliability, and integrity assure you, our customer, of complete satisfaction in all our products.



Please give us the opportunity to become your ammonia supplier.

Thank you,
Paul A Cuccinello CEO
paul@wdserviceco.com

W.D. Service Company
780 Creek Road
PO Box 147
Bellmawr, NJ 08099
800-366-9326
www.wdserviceco.com



The Premier Specialty Chemicals Distributor

Steve St. Jean

sstjean@palmerholland.com

216-272-2782 - cell

Main Phone: 440.686.2300

Toll-Free: 800.635.4822

www.palmerholland.com

ISO 9001:2008 Certified





30th Biennial Western Coatings Societies Symposium and Show

October 23 - 26, 2011

**Mirage Hotel & Casino
An Oasis within an Oasis
Las Vegas, NV**

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

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.

Phone: 714-974-4511

E-mail: info@wcsshow.com

WCS Exhibitors as of 8/15/2011:

Organik Kimya USA
Dow

Specialty Polymers
TCR Industries

Anton PAAR
Thor Specialties

Buhler, Int.
J. F. Shelton

U.S. Polymers Accurez LLC
Pacific Coast Chemicals Co.

Wacker Polymers
Tavco Chemicals
NYCO Minerals, Inc.

E.T Horn
Arkema

Huntsman Advanced Materials
Halox

Michelman Inc.

Kyowa Hakko Chemical Americas
ISP

Rhodia
Chemical Distributors, Inc.
Nexeo Solutions

Elementis Specialties, Inc.

Rio Tinto Minerals
Sartomer USA, Inc.

Southern Clay Products
Trans Western Chemicals
EPS - Materials

Dominion Colour Corporation
Custom Milling & Consulting

Micro Powders, Inc.
Ethox Chemicals, LLC

Dowd & Guild, Inc.
3M Energy & Advanced Materials

Verichem Inc.
Cytec Industries

BASF
Lanxess Corporation

Munzing
Emerald Performance Materials

Omnova Solutions
Celanese Emulsion Polymers

BYK / Eckhart America
Omya

Arch Chemicals
EMD Chemicals, Inc.

DSM Coatings Resins
CRODA

Air Products

Cardolite Corporation
Brenntag Specialties
Nanophase Technologies Corp
Breckenridge Technologies/Henkel
Bayer Material Science LLC

OPC Polymers
Formulator & Colortec Software

The Tryline Group
Pan Technology, Inc.

Huntsman Polyurethanes
Dorsett & Jackson

P.T. Hutchins Company
Huntsman Performance Products
Lipscomb Chemical Company, Inc.

Orion Engineered Carbons
Reichhold, Inc.

Lubrizol
Univar

Clariant Corp
Nichem

Quick Blades
Case Labs

Nu Sil

Hauthaway
Heucotech Ltd.

Pittsburgh Society for Coatings Technology
2011-2012 Hiram P. Ball Memorial Scholarship Application
APPLICATION DEADLINE: MARCH 31, 2012

Applicant: _____

Address: _____

Phone: _____ Fax: _____

Email: _____

Present School/University _____

Class Status: _____

(GRADUATING HIGH SCHOOL SENIOR, COLLEGE: FRESHMAN, SOPHOMORE, JUNIOR, SENIOR)

College / University (2010-2011): _____ Grade Point Average: _____

(ATTACH COPY OF TRANSCRIPT)

Major Course of Study: _____

PSCT Sponsoring Member: _____

PSCT Member Company: _____

ALL APPLICANTS: Please complete a short statement explaining how the course of study you are following will allow you to reach your career goals. It should also include comments regarding the student's participation in on academic areas such as community service, etc. (extra sheets may be attached). **NEW APPLICANTS** are requested to submit character references from teachers, clergy, employers, professionals, etc. who are familiar with the student's goals and aspirations.

Signature: _____ Date: _____

Return to: Mark Harley, PSCT Education Chairman
530 – 6th Street
Oakmont PA 15139

REQUIREMENTS

- The PSCT Board of Directors will determine the total amount of scholarship money to be awarded each year.
- The maximum dollar amount of each scholarship will be \$1500. Scholarship money will be awarded equally to students as recommended by the Scholarship Committee.
- Scholarship awards are to support undergraduate studies of full time students only en-rolled in an accredited college or university seeking an associate or bachelor degree.
- Scholarships may be awarded to any one given applicant a maximum of four times.
- Applicant must be the child of an actively participating PSCT member. An actively participating member is current with dues. The member must also attend at least four (4) PSCT meetings a year or serve on a PSCT committee (e.g.: Fund Raising, Newsletter, Membership, Education, Program, etc)
- Scholarships are limited to one award per applicant per member per year.
- Applicants must submit a Hiram P. Ball Memorial Scholarship Application which in-clude: a short essay explaining how the course of study will allow the student to reach their career goals; current GPA; name of sponsoring PSCT member; name of univer-sity or col-lege that they are attending; and two character references. Students cur-rently receiving scholarships will not be required to submit references, however they must submit essays regarding their educational progress.
- Applicants must maintain a 2.5 (out of 4.0) grade average.
- The Scholarship Committee will consist of five PSCT Members who do not have a child or relative applying for a scholarship.
- COURSE OF STUDY: Although all courses of study are open, students are encouraged to pur-sue scientific, engineering or math-ematical programs that lead to employment in the Coat-ings Industry.
- CHARACTER REFERENCES (examples of those who know the student and their goals)
 - Teachers
 - Clergy
 - Employers
 - Neighbors/Friends
 - Professionals (doctors, business people)

Revised: 8/2010