



**Join us for the first  
meeting of the year!**

**September 10, 2012**

**Greek Islands Restaurant**

**Lombard, IL**

**5:00 Sign In / Cocktails**

**5:45 Speakers**

**6:45 Dinner & Meeting**

**\$30 members with reservations**

**\$35 non-members and walk-ins**

**CSCT is YOUR professional  
technical organization. CSCT  
Monthly Technical Meetings are a  
great way to keep your  
formulation skills sharp, and a  
great networking venue!**

## **Extending the Use of Opaque Polymer and Utilizing New Dispersant Techniques to Increase Titanium Dioxide Efficiency**

**Christine Fortener, Arkema**

**A**n essential property of coatings is the ability to hide the substrate. Titanium dioxide (TiO<sub>2</sub>) is the optimum and essentially the only pigment of choice to provide these properties in white wall paint. Cost effective extender pigments are typically used to extend or space the TiO<sub>2</sub> particles. In certain formulation ranges, TiO<sub>2</sub> efficiency and paint performance can be negatively affected by crowding of the TiO<sub>2</sub> and other spacing options must be evaluated.

Polymeric opacifier is another option to increase TiO<sub>2</sub> efficiency. Opacifier can provide increased hiding and tint strength over a wide formulation range without compromising performance. In some formulation spaces there is an opportunity to extend the use of polymeric opacifier beyond traditionally accepted levels. Additionally, advances in dispersant chemistry can also provide improved hiding and much improved tinting strength. New dispersant types and dispersant combinations can provide significant improvements in tinting strength. Using polymer opacifier and new dispersing techniques together can provide significant cost savings while maintaining paint performance.

This presentation will provide formulation techniques and paint performance data demonstrating the optimum use of polymeric opacifier and proper dispersant choice.



### **CSCT Golf Outing Results**

*Held July 23, 2012 at Sunny St. Andrews Golf Club  
in West Chicago, IL*

**Congratulations:**

**Men's Low Gross Winner: Jonathan Escondo**

**Women's Low Gross Winner: Julie Kotnik**

**Low Net Winners: Tiffany Powers, Scott Wenzel,  
and John Swain**

**C**hristine Fortener is a Senior Technical Account Coordinator for Arkema Coating Resins with 17 years experience in the coatings industry. She started her career with UCAR Emulsion Systems specializing in latex paint chemistry. Chris spent 10 years in research and development for the Ace Paint Division. Prior to joining Arkema, she had a technical position with Dow Coating Solutions where she represented many business units that supply the coatings industry. In her current role, Chris supports water and solventborne acrylics, alkyds, additives and the Coatex rheology modifier and dispersant product lines

## TECHNICAL MEETINGS

FALL 2012:	WINTER / SPRING 2012:
<b><u>MONDAY SEPTEMBER 10</u></b> Greek Islands, Lombard, IL	<b><u>MONDAY JANUARY 14</u></b> Greek Islands, Lombard, IL
<b><u>MONDAY OCTOBER 15</u></b> Greek Islands, Lombard, IL	<b><u>MONDAY FEBRUARY 11</u></b> Greek Islands, Lombard, IL
<b><u>MONDAY NOVEMBER 12</u></b> Greek Islands, Lombard, IL	<b><u>MONDAY MARCH 11</u></b> Greek Islands, Lombard, IL
<b><u>NOTE:</u> Meetings are on the 2nd Monday of the month. TALKS BEGIN AT 5:45 PM (5PM SIGN IN)</b>	<b><u>APRIL TBA</u></b>

**GREEK ISLANDS:** 300 East 22nd St, Lombard, IL 60148 (630) 932-4545  
**Located off I-88, Exit Highland Avenue North to 22nd Street**



## EVENTS

<b>COATINGS TRENDS &amp; TECHNOLOGIES</b> Oak Brook IL	<b><u>TUES-WED. SEP 11-12, 2012</u></b>
<b>CPCA/CSCT HOLIDAY PARTY</b> Hyatt Hotel, Schaumburg IL	<b><u>FRIDAY, DECEMBER 7, 2012</u></b>
<b>ANNUAL AWARDS DINNER</b> Maggianos, Oak Brook IL	<b><u>May 2012, Date TBA</u></b>
<b>GOLF OUTING</b> St. Andrews, West Chicago IL	<b><u>MONDAY, JULY 22, 2013</u></b>

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