



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

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

This year in lieu of free attendance for chemists and manufacturers, these funds have been put towards a **PREMIUM PRIZE** to be raffled off to attending chemists and manufacturers to thank you for joining us.

Formulating Coatings with Buff TiO₂

Lance Silstorf, TOR MINERALS

With White TiO₂ being in tight supply and escalating cost, Buff TiO₂ is a better option for your various factory packaged colors. Buff TiO₂ will reduce the need for White TiO₂ saving you money but also provide additional White for other applications. The cost saving is also improved by reducing the more expensive organics and inorganics while maintaining physical properties like opacity and weather ability.

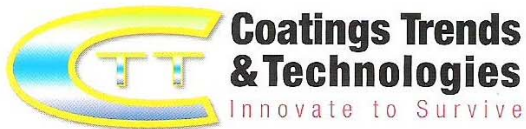
LANCE SILSTORF started working in the laboratory in the Technical Service department of HITOX Corporation in 1995. In 1998, he was hired as Lab Manager for Plasite Protective Coatings a branch in Corpus Christi, TX. Lance took a position at HITOX Corporation as a Sales Manager a year later and in 2001 the name changed to TOR Minerals International. In July 2006 Lance was promoted to Sales and Marketing Manager, North America.

Mineral Extension of TiO₂

David Skelhorn, IMERYS PERFORMANCE MINERALS

Titanium Dioxide is currently in a supply shortage position which is expected to worsen over the coming years. As a result there is renewed vigor in using extender pigments to stretch available material. Selection and use of extender pigment is only successful if the correct material is identified. The presentation will look at the basis for choice which initially is formulation position relative to CPVC. For formulations above CPVC structured Pigment compared to Conventional Calcined clay offers superior results, while this can also be supplemented by judicious selection of Calcium carbonate. Examples will show basic principles of use. For formulation below CPVC the options are more limited and rely on developing improved spacing of the TiO₂ to maximize its properties. New modified ultrafine Calcium Carbonates are available which combine particle size and improved dispersibility allowing them to act as effective TiO₂ spacers and also maintain a neutral white color. Specific products are available for both solvent and water based systems.

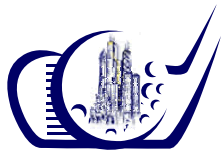
DAVID SKELHORN has resided in the USA for over 20 years, and for over 30 years has been working with white extender pigments. David has been working with formulated products since the late 1960's bringing diverse working experience to his current role. He has been involved in paint and coating since the mid -90's and is currently responsible for Technical support and New Product development for Imerys, which produces Kaolins, Calcined Clays, Calcium Carbonates, Mica, Diatomaceous Earth and Talc.



SEPTEMBER 13-14, 2011 • OAK BROOK, IL
 COATINGS TRENDS & TECHNOLOGIES PUTS YOU FACE-TO-FACE WITH INDUSTRY LEADERS.
www.coatingsconference.com

Coatings Trends & Technologies will feature research trends, technical advances, field applications and critical issues related to coatings for plastic, wood and metal substrates. The **Chicago Society for Coatings Technology** is co-producing Coatings Trends & Technologies with *PCI Magazine*.

www.coatingsconference.com



**Held Monday
 July 25, 2011**

CSCT Golf Outing

**Congratulations to
 This Year's Winners!**

Low Gross—Men	Jonathan Escondo	Low Gross—Women	Michelle Bauer
Low Net Winners	Mike Knight	Matt Krause	Lisa Hilson
Closest to the Pin Course 1	#3 Kim Terrulli	#7 Curt Dunafin	
	#12 Lisa Hilson	#15 Andy Girard	
Closest to the Pin Course 2	#2 Dave Tarjan	#6 Pat Lenkowski	
	#11 Pat Lenkowski	#14 Mike Schutz	
Putting Contest	Matt Krause		

See you next July!

POLYMERS & COATINGS SCIENCE

The Chemistry Department offers graduate studies leading to a master's degree in chemistry with a concentration in polymers and coatings. The need for improved products, concern for their effects on the environment, and the need to conserve petroleum resources present new challenges to the polymers and coatings industry as well as new opportunities for chemists trained in polymers and coatings science.

DePaul University is one of only four institutions in the U.S. that offers an M.S. program of study in the polymers and coatings field. The program began in 1985.

PROGRAM OBJECTIVES

The main objectives of the program are twofold: to satisfy the demand for technical professionals in the coatings industry at an advanced level, and to provide an opportunity for B.S.-level polymer and coatings chemists in the Chicago area to enhance their knowledge of and skill for improved levels of performance and advancement in salary and rank.

EXPERT FACULTY

The Department of Chemistry at DePaul University has eleven full-time faculty members and has been offering courses in polymer chemistry since 1971. Chemists from local industries teach specialized coatings courses.

PROFESSIONAL ENDORSEMENT

The Polymer/Coatings Technology M.S. degree track at DePaul has received the endorsement and active support of the Chicago Society for Coatings Technology and the American Coatings Association.

ADMISSION REQUIREMENTS

The program requires graduate admission to DePaul University. Candidates should have the following: a B.S. degree in chemistry with a minimum g.p.a. of 2.75 with official transcript(s); two letters of recommendation; recent scores from both the general and chemistry GREs. The 44 quarter-hour curriculum can be completed in as little as two years. Required courses include six advanced courses in Organic, Inorganic, Physical Chemistry, or Biochemistry; two special topics courses (2 quarter hours each); Advanced Probability and Statistics; and 12 credit-hours of Polymers & Coatings Technology courses.

Most graduate courses are taught in the evening, with some labs on Saturday morning. Students may also enroll in Coatings and Polymer courses as non-degree seeking students to enhance their knowledge.

CONTACT INFORMATION

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COURSE SCHEDULE

FALL QUARTER

Advanced Organic Chemistry I, CHE 450
Advanced Inorganic Chemistry I, CHE 422
Material Science, CHE 438

WINTER QUARTER

Advanced Organic Chemistry II, CHE 452
Advanced Inorganic Chemistry II, CHE 424
Physical Chemistry of Polymers, CHE 432

SPRING QUARTER

Polymer Synthesis, CHE 430
Polymer Synthesis Lab, CHE 431
Advanced Probability and Stats, CHE 490

FALL QUARTER

Advanced Physical Chemistry I, CHE 470
Special Topics, CHE 48X

WINTER QUARTER

Advanced Physical Chemistry II, CHE 472
Polymer/Coatings Technology, CHE 436
Special Topics, CHE 48X

SPRING QUARTER

Polymer Characterization, CHE 434
Polymer Characterization Lab, CHE 435

The specific schedule of courses taken will depend upon when the program is started, when the courses are offered, and the student's personal preference regarding sequencing and course loads.

TECHNICAL MEETINGS

FALL 2011:	WINTER / SPRING 2012:
<u>MONDAY SEPTEMBER 12</u> Greek Islands, Lombard, IL	<u>MONDAY JANUARY 9</u> Maple Meadows, Wood Dale, IL
<u>MONDAY OCTOBER 10</u> IIT Chicago, IL	<u>MONDAY FEBRUARY 13</u> Maple Meadows, Wood Dale, IL
<u>MONDAY NOVEMBER 14</u> Maple Meadows, Wood Dale, IL	<u>MONDAY MARCH 12</u> Maple Meadows, Wood Dale, IL
<i>NOTE: Meetings are now on the 2nd Monday of the month. TALKS BEGIN AT 5:45 PM (5PM SIGN IN)</i>	<u>MONDAY APRIL 9</u> LOCATION TBA

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

ILLINOIS INSTITUTE OF TECHNOLOGY: 3300 South Federal Street, Chicago, IL (312) 567-3000
Located off the Dan Ryan, between 31st and 35th Street

MAPLE MEADOWS GOLF COURSE: 272 S. Addison Rd, Wood Dale, IL 60191 (630) 616-8424
Located off I-290, 1 mile north of Lake Street on Addison Road

REAL TIME SPORTS BAR: 1120-22 W Devon Ave, Elk Grove Village, IL 60007 (847) 534-0600
Located off I-290, west of the tollway, N of Elgin-OHare/Thorndale and E of Rohlwing Rd/53

EVENTS

COATINGS TRENDS & TECHNOLOGIES Oak Brook IL	<u>TUES-WED, SEP 13-14, 2011</u>
CPCA/CSCT HOLIDAY PARTY Hyatt Hotel, Schaumburg IL	<u>FRIDAY, DECEMBER 9, 2011</u>
ANNUAL AWARDS DINNER Maggianos, Oak Brook IL	<u>THURSDAY, MAY 17, 2012</u>
GOLF OUTING St. Andrews, West Chicago IL	<u>MONDAY, JULY 23, 2012</u>

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SECRETARY
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