



BACK TO GREEK ISLANDS!

300 East 22nd St, Lombard, IL 60148

November 12, 2012

5:00 Sign In / Cocktails
5:45 Speakers
6:45 Dinner & Meeting

See Back Page for Directions

[The CTT/SYMCO Conference was a success!](#)

There was a 10% increase in attendance over 2011!

Attendee breakdown:

- 267 total attendees
- 34% R&D
- 20% Chemists
- 4% Product/Production Management
- 10% Owner/Operator/General Manager
- 32% Sales and Marketing

Flame Retardant Coatings Overview

Alan Baron, General Manager, PyroTech

Flame retardant coatings have been around for a long time, but what are they and when are they used? This talk will briefly cover many topics including terminology, flame retardant chemistry types, typical applications standards and test methods utilized. He will also review the challenges of the flame retardant coating market.

Alan Baron is General Manager for PyroTech, located in Addison, IL and is responsible for production, facility management, procurement, and research and development since 2004. Prior to joining PyroTech, Mr. Baron was a Manufacturer's Representative for Six Sigma Marketing in the printing, packaging, converting and industrial markets as well as a Sales Engineer for Fusion UV / Aetek UV Systems. Mr. Baron holds a BS in Industrial Technology from Southern Illinois University and enjoys spending his free time coaching youth baseball and basketball and is active on his church's building and finance committees.

Polyvinylidene Chloride and Inverse Emulsion Thickener Technology

Mark Kralik, Scott Bader, Inc.

Scott Bader's technologies include Polyvinylidene Chloride copolymer latex and inverse emulsion thickeners. Because of its high vinylidene chloride content and high crystallinity, polyvinylidene chloride resins can be formulated into anti-corrosive, rust converting, fire resistant, intumescent, and barrier coatings. Inverse emulsion thickeners are water in oil emulsions. When they are added to water or waterborne system, the inverse emulsion thickeners inverts with the help of water soluble emulsifiers and water becomes the continuous phase. The hydrophilic polymer particles swell rapidly and the resulting highly swollen structure leads to a very rapid increase in viscosity.

Mark has been with Scott Bader, inc. as a Laboratory Technician for 5 years. He has a BS in Molecular Biology from Kent State University.

POLYMERS & COATINGS SCIENCE

Masters Degree Program at DePaul University

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 14 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 (or equivalent) in chemistry with a minimum G.P.A. of 2.75/4.00 with official transcript(s); two letters of recommendation. The 48 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 16 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

Prof. Gregory B. Kharas
DePaul University – Department of Chemistry,
1110 West Belden Avenue, Chicago, IL 60614
773-325-7367 (voice) 773-325-7421(fax)
email: gkharas@depaul.edu
<http://chemistry.depaul.edu>

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 2012:	WINTER / SPRING 2012:
<u>MONDAY SEPTEMBER 10</u> Greek Islands, Lombard, IL	<u>MONDAY JANUARY 14</u> Greek Islands, Lombard, IL
<u>MONDAY OCTOBER 15</u> Purdue University Calumet Hammond, IN	<u>MONDAY FEBRUARY 11</u> Greek Islands, Lombard, IL
<u>MONDAY NOVEMBER 12</u> Greek Islands, Lombard, IL	<u>MONDAY MARCH 11</u> Greek Islands, Lombard, IL
<i>NOTE: Meetings are on the 2nd Monday of the month.</i> TALKS BEGIN AT 5:45 PM (5PM SIGN IN)	<u>MONDAY APRIL 8</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



EVENTS

CPCA/CSCT HOLIDAY PARTY Hyatt Hotel, Schaumburg IL	<u>FRIDAY, DECEMBER 7, 2012</u>
ANNUAL AWARDS DINNER Maggianos, Oak Brook IL	<u>May 2013, Date TBA</u>
Windy City Coatings Course DePaul University, Rolling Meadows, IL	<u>April 16-17, 2013</u>
GOLF OUTING St. Andrews, West Chicago IL	<u>MONDAY, JULY 22, 2013</u>

2012-2013 Officers

PRESIDENT

Michael Laing
MÜNZING
1720 W. Palamino Drive
Racine, WI 53402
(862) 202-1156
mlaing@munzing.us

VICE PRESIDENT

Frank Muchna
Specialty Chemical Sales
7 Polk Ct. Unit B
Streamwood, IL 60107
708.638.5903
fmuchna@
specialtychemicalsales.com

TREASURER

Burl Anderson
Sherwin Williams
549 East 115th St.
Chicago, IL 60628
773.821.3805
burl.a.anderson@
sherwin.com

MEMBERSHIP

Christopher Niblock
OMG Americas, Inc.
811 Sharon Dr.
Westlake, OH 44145
919.725.0434
chris.niblock@
na.omg.com

SECRETARY

Bruce Andreoni
Fitz Chem Corp
450 East Devon Ave.
Itasca, IL 60143
630-235-2164
Bandreoni@
fitzchem.com

AT LARGE

Guy Lopez
Chidley & Peto Co.
1500 West Shure Dr.
Arlington Heights, IL 60004
847.577.3800
guy@chidleyandpeto.com