

CHAIRMAN'S MESSAGE

Welcome and Congratulations to Frank Pascuzzo, Hancock Engineering Inc. and Warren Smith, Electric Cable Compounds Inc. as the newest CRG board member.

Congratulations to Bob Cornell, Uniroyal retired on accepting the voting members choice as Vice Chairman.

We started "2006" with a very successful Spring Technical Meeting at the newly renovated John J. Sullivan's (formally Rapp's). Good food, good friends, and a refreshing new venue. Thank you Bob Cornell for an excellent technical program.

A special thanks to the R. T. Vanderbilt IT staff for managing the CRG website over the past two years. Tom Jablonowski, TSE Industries, and past CRG chairman (2004) has taken over maintenance of the CRG website and webmastering. RTV's IT staff will assist in the transition. Tom will be working on a redesign for the website. Thank you Tom for taking on this responsibility.

CRG is challenged, as are other rubber groups, for membership. To attract new members, Jennifer Forgue, R. T. Vanderbilt has taken on the responsibility of chair of the membership committee consisting of our newest board members Frank Pascuzzo and Warren Smith. The committee will bring together some innovative ways of increase membership.

Our Publicity Chair, and Newsletter editor, Art Delgrosso, R.T. Vanderbilt has done an outstanding job in getting the word out about CRG activities. Art has posted all 2006 events on the CRG website, ACS Rubber Division calendar, Rubber World and Rubber and Plastics News. Juan Cardona, International Latex and Bea Edwards, R. T. Vanderbilt have been keeping our e-mail data base updated to assure are members

receive the Newsletter, special notices and reminders. Many thanks to Art and his team.

Mike DiPino, Dow Corning has organized another great Annual Golf and Tennis Outing at The Traditions Golf Club, Wallingford, CT, on Thursday, June 15th. Mike, you "Rock".

The Board elected to forgo a Basic Rubber Technology course this year and plans for an intermediate or advanced course next year.

Your CRG Board will focus on increasing membership, presenting excellent technical and educational programs and having a great time at the upcoming Golf and Tennis Outing.

Thank you for your continued support.
Regards,
Ralph A. Annicelli
Connecticut Rubber Group Chairman

2006 Annual Dues

Have you paid your dues yet?

Please send your check for \$15.00 along with the membership application form on page 8 in this newsletter, as soon as possible. You need to be a paid member to continue to receive mailings (for the golf outing and technical meetings), be eligible to sponsor scholarship applicants, and receive this Newsletter.

Any questions, please contact your CRG Treasurer, Juan Cardona at:

203-426-2443 or

jjcardona@charter.net

See Page 8
For application Form

Golf & Tennis Outing

Thursday, June 15, 2006

See Pages 4 -7 for details

**The Spring 2006 Technical Meeting
was held March 16th at John J. Sullivan's**

Mr. Thomas Jablonowski from TSE-Industries presented "New Polymers for Food Contact and Automotive Applications". Millable urethanes are known for their excellent oil and permeability characteristics, while being processable on conventional rubber equipment. A newly developed polymer, Millathane® 28, improves upon urethane's excellent permeability and fluid resistance for automotive applications. A second polymer, Millathane® 26, has been developed for FDA applications requiring contact with wet foods. Applications for this polymer can include belting for food processing, milking inflations, rubber grippers, etc. Compounding for specific applications was discussed. Compounding high hardness compounds with excellent processibility and properties, by using blends of liquid coagents, was also discussed.

Mr. Leonard H. Palys from Arkema Inc. Organic Peroxides presented "Optimize your Compounding and Crosslinking of EPDM, HNBR and CPE with new SP Peroxide Grades" His paper reviewed F40M-SP and F-CST and introduced three new SP peroxides: Luperox 231XL40-SP, Luperox 230XL40-SP and Luperox F40P-SP. Luperox 231XL40-SP and Luperox 230XL40-SP are two new "SP" peroxides designed for crosslinking EPDM and HNBR. Based on 1,1-di(t-butylperoxy)-3,3,5-trimethylcyclohexane and n-butyl-4,4-di(t-butylperoxy)valerate respectively, these peroxyketal peroxides offer significantly faster cure rates at lower temperatures while providing up to three times the ts5 Mooney scorch time at compounding temperatures. 231XL40-SP and 230XL40-SP provide improved elastomer flow during injection molding and prevent scorch during cure that results in poor tear-trim, poor hot-tear, and backrinding problems. The third new SP peroxide Luperox F40P-SP contains an enhanced SP package specifically designed for use in HNBR and CPE compounding and crosslinking. F40P-SP provides much longer scorch times during the compounding of chlorinated polyethylene (CPE) even when mixing very reactive crosslinking coagents to provide faster cure rates in continuous vulcanization (CV) steam tube lines, used extensively in wire & cable manufacture.

Mr. Matthew C. Putman from Tech Pro presented "The Effect of Silica Dispersion on Physical Properties" Optimization of internal mixing has been shown to have a significant influence on filler dispersion and physical properties. Measurement of silica dispersion has grown in relevance in recent years, while analytical techniques to quantify dispersion remain a challenge. Methods for analyzing silica dispersion directly have been time consuming and required unique expertise in complex microscopy. Rapid direct measurement using reflected light was insufficient, due to over exposure on light colored surfaces. The study proposed in this paper will involve a rapid technique for measuring the silica dispersion on compounds mixed for various times. Physical properties will then be measured to explore the effect of dispersion on properties ranging from uncured viscosity, tensile strength and modulus to cured dynamic properties.

The after dinner Speaker at the Spring Meeting was Author Charles Slack . Mr. Slack discussed his book "Noble Obsession"--- Charles Goodyear, Thomas Hancock, and the Race to Unlock the Greatest Industrial Secret of the Nineteenth Century

Robert Cornell
Vice Chair

The Spring ACS Rubber Division technical meeting was held May 8 - 10 at the Radisson hotel in Akron, OH followed May 11 - 12 by a thermoplastic elastomers (TPE) conference held at the same hotel in conjunction with the University of Akron. The TPE conference featured new biomedical developments and TPE materials for the 21st century. The Rubber Division meeting had a new conference-style format with 20 invited speakers. In addition, the Science and Technology Awards banquet honored the following people for their contributions to our industry:

Dr. Robert F. Landel with the Charles Goodyear medal for outstanding significant contributions to change in the Rubber industry.

Dr. Meng-Jiao Wang with the Melvin Mooney Distinguished technology award for exceptional contribution to rubber science and technology.

Dr. Vassilios Galiatsatos with the Sparks -Thomas award for scientific contributions and innovations by younger scientists.

Dr. Chris Macosko with the Fernley Banbury award for innovations of production equipment.

Dr. Garth Wilkes with the Chemistry of TPE award for advancement of chemistry in thermoplastic elastomers.

Dr. Gregory B. McKenna with the George Stafford Whitby award for outstanding teachers of rubber chemistry and polymer science.

Mark your calendars for the Rubber Mini Expo on October 10 to 12 at the Cinergy Convention Center in Cincinnati, OH.

Bob Ohm
Area Director

TREASURER'S REPORT

AS OF	5/4/06
CHECKING AND SAVINGS	12,320.05
INVESTMENTS	100,379.65
TOTAL	112,699.70

Juan J. Cardona,
Treasurer

CT RUBBER GROUP WEBSITE

We invite you to sign onto our website which is WWW.CTRUBBERGROUP.ORG

These links will place you directly into the Cradle of the Rubber Industry, our Historian's Corner, our file of past Newsletters, more details on Upcoming Events, the application forms for Membership and Scholarships, our CRG Contact List and a Links section that allows you quick access to the ACS, Rubber Division, The Naugatuck Historical Society, Rubber World Magazine and Rubber & Plastic News.

Art Delgrosso

Golf & Tennis Outing Information



The course at The Tradition of Wallingford has been reserved for Thursday, June 15th. After a luncheon buffet, we will have a shotgun start with a scramble format. The fee for golf and dinner will include a cart and driving range.

For tennis players, the fee includes the buffet luncheon at The Tradition.

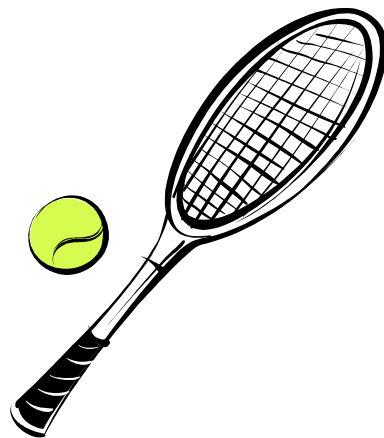
Tennis will be played at the North Haven Health & Racquet

Lower fees will apply for people who can attend only golf, tennis or dinner

See the attached forms for details.

Mike DiPino

Golf Outing Chair



The Connecticut Rubber Group

Subsidiary of the Rubber Division, American Chemical Society

GOLF AND TENNIS OUTING

Thursday - June 15, 2006

Tradition at Wallingford

37 Harrison Rd.

Wallingford, CT

(203)-269-6023

GOLF: Shotgun start at 12:30 PM. Scramble format.
Free use of Driving Range.
Buffet lunch provided at 11:00 AM
(included for golf & tennis participants)

TENNIS: 1:00 PM to 4:00 PM. Lunch included (at golf course)
North Haven Health & Racquet, 100 Elm St, North Haven

SOCIAL HOUR: 6:00 PM to 7:00 PM (beer, wine & soda included in dinner price)

DINNER: 7:00 PM The Buffet special. Something for everyone. You won't be disappointed.

FEES:	GOLF (includes lunch & cart) and DINNER	\$120.00
	TENNIS (includes lunch) and DINNER	\$100.00
	GOLF (includes lunch & cart) only	\$65.00
	TENNIS (includes lunch) only	\$50.00
	DINNER only	\$60.00

PLEASE, make reservations no later than JUNE 12, 2006. No refunds can be issued due to our commitments. Showers provided at Tradition (bring towel). No metal spikes allowed. Collared shirts required on course. Dress casual for dinner.

Direct any questions to:

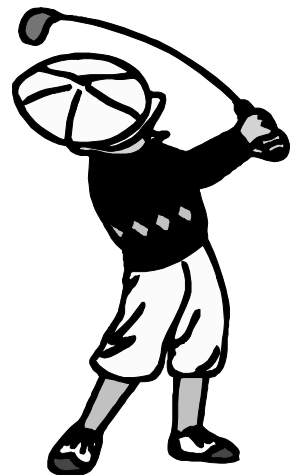
Michael DiPino

Golf Outing Chair

Tel: (203)-483-1263

Fax: (203)-315-0819

Email (preferred): michael.dipino@dowcorning.com





**Connecticut Rubber Group
Golf / Tennis Outing
June 15, 2006**

Directions to Tradition of Wallingford

Tel: (203)-269-6023

From the North

Take I-91 South to exit 14. At the end of the exit, take a right (light) and a quick left onto S. Airline Rd. (light). At the next light (Rte. 150), go left. Go under I-91 staying on Rte. 150. Take a right onto Harrison Rd. Cross the railroad tracks. The clubhouse is on the left.

From the South

Take I-91 to exit 14. At the end of the exit, take a right (Rte. 150). Travel approx. 0.4 miles. Take a right onto Harrison Rd. Cross the railroad tracks. The clubhouse is on the left.

Directions to North Haven Health & Racquet (Tennis)

Tel: (203)-239-5665

From the Wilbur Cross Parkway (Rte. 15)

NORTHBOUND

Take Exit 63. Go right off the exit to the first traffic light. Take a right onto State St. Follow to stop sign. Take a left at the stop sign onto Broadway. Follow under the overpass to the next light. Turn right onto Elm St. We are a quarter mile on the right.

SOUTHBOUND

Take Exit 63. Go left off the exit to the first traffic light. Take a left onto Rte.22 (back over highway) and follow to next traffic light. Take a right onto State St. Follow to stop sign. Take a left at the stop sign onto Broadway. Follow the under overpass to next light. Turn right onto Elm St. We are a quarter mile on the right.

From I-91

NORTHBOUND

Take Exit 11. Bear right onto Rte.22. Go to first light and take right onto Washington Ave. Take the next right onto Broadway. Take the next left onto Elm St. We are a quarter mile on the right.

SOUTHBOUND

Take Exit 12. Go left off the exit onto Washington Ave. Follow thru 5 traffic lights.

At the 6th light, take a right onto Broadway.

Take the next left onto Elm St. We are a quarter mile on the right.

Area Hotels	
Wallingford Courtyard by Marriott 600 Northrop Rd. Wallingford CT, 06492 Tel 203-284-9400	Fairfield Inn by Marriott 100 Chalet Drive Wallingford CT, 06492 Tel 203-562-1111
Hampton Inn 10 Bee Street Meriden CT, 06450 Tel 203-235-5154	Ramada Plaza Hotel 275 Research Parkway Meriden CT, 06450 Tel 203-238-2380



A Subdivision of the Rubber Division, American Chemical Society
www.crubbergroup.org

2006 Membership Application

I wish to ____ remain / ____ become a member of the Connecticut Rubber Group for 2005.

NAME: _____
 COMPANY: _____
 STREET ADDRESS: _____
 CITY / STATE / ZIP: _____
 TELEPHONE: _____ FAX: _____
 EMAIL: _____

- Yes / No This is a change to my current CRG mailing address
 Yes / No I prefer to have newsletters and mailings sent to me by email*

Primary function: ____ Sales/Marketing ____ Technical ____ Production ____ Purchasing ____
Other (specify _____)

- _____ I am a Life Member.
 _____ I am an Emeritus Member.
 _____ I am at least 65 years old and request Emeritus status. I have been a member of the CRG for a minimum of 10 years.
 _____ I am a Rubber Division member.
 _____ I am a member of the American Chemical Society.
 _____ I would like to serve on a committee of the CT Rubber Group.
 _____ I would like to serve as an officer / director of the CT Rubber Group.

Please list any topics of interest that you would like to have presented at the meetings of the CT Rubber Group: _____

Please forward the completed form with your check for \$15.00** (the fee is optional for Emeritus and Life Members) made out to The Connecticut Rubber Group to:

Juan Cardona
13 Brookwood Drive
Newtown, CT 06470-1842
203-426-2443
jjcardona@charter.net

2006 SCHEDULE OF EVENTS

March 16: Spring Technical Meeting – John J. Sullivan’s – Ansonia, CT
 June 15: Golf & Tennis Outing – The Tradition, Wallingford, CT
 Nov. 9: Fall Technical Meeting – John J. Sullivan’s, Ansonia, CT

* Mailings by email are in Adobe Acrobat Reader (pdf) format.

** Membership dues covers the printing and mailing costs of newsletters, meeting notices, scholarship notices, Golf Outing and Mixing Course Fund Raiser notices, annual ballots, publishing of membership directory every 5 years, and support our educational scholarships.

2006 Connecticut Rubber Group Contact List

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Scholarship Committee Chair

Steve Gangi
 (see info above)

Historical Committee Chair

Ralph Annicelli
 (see info above)

Mark Your Calendars:

2006 Meetings			
ACS Rubber Division		Connecticut Rubber Group	
May 8 -10	Technical Meeting Akron, Ohio	March 16	Spring Technical Meeting
October 10 -12	Fall Mini Expo Cincinnati, OH	June 15	Annual Golf and Tennis Outing
		Nov. 9	Fall Technical Meeting

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