A publication of the Color and Appearance Division of the Society of Plastics Engineers

Spring 2018 Greetings to All,

Hopefully it is spring where you live! Since it is spring, we know that ANTEC[®] 2018 is right around the corner. ANTEC[®] 2018 will be held in conjunction with NPE at the Orange County Convention Center in Orlando Florida. This is the largest plastics conference dedicated specifically to plastics. The dates are May 7th thru 10th. Doreen Becker and Ann Smeltzer have done an amazing job putting together this year's program. The ANTEC[®] Color and Appearance session will be held on May 7th starting at 1:30 pm, in room S320D.



My term as your CAD chairwoman will end at the ANTEC[®] conference and I will be moving into the next position of Immediate Past-chair. Brian West will be your newest CAD Chairmen. Brian has been a long-time board member and will be an excellent leader. Moving into the Chair Elect position will be Doreen Becker. Mark Freshwater will move into the Finance Chair's seat, leaving the Secretary spot open for Mark Tyler to fill. Each year the executive team moves up one spot, it's a four-year commitment to fill each seat. Please, welcome all into their new positions.

We are also very pleased to announce that the 2018 elections for SPE CAD Board are complete and the results are as follows:

Re-elected: Earl Balthazar – Data Color Sharon Ehr – Uniform Color Ed Ford – Zeppelin Systems Jack Ladson – Color Science Consultancy Alex Prosapio - Sudarshan Michael Willis – Sun Chemical



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Newly Elected Members:

Dan Martelli (for 1 year) – Heubach Elizabeth Serdar – Omya Inc Todd Waddle – M Holland Kimberly Williamson – Techmer PM Congratulations to All, we are happy to have all of you on board and we look forward to another great year with our elected board members.

On the note of board members, we have two long time members who will retire this year.

Sandra Davis (Chemours) – Sandy has been on the CAD board for 24 years, starting as a member of the technical program committee. She has been an impressive leader moving through all the division chairs, leading the RETEC[®] technical program for 10 years including the Site and Theme Committee. Sandy has developed technical programs for numerous RETEC[®]'s as well as held the position of RETEC[®] chair where she organized RETEC[®]'s in 2000, 2004, 2012. Most notably she held this position as Division Chair in 2005 when Katrina hit and the RETEC[®] team had to move our conference in a hurry. Sandy has received the Terry Golding Outstanding Achievement Award and Honored Service Member Award of the Society.

Austin Reid (Chemours) – Austin has been on the CAD board for 30 years, starting on the Technical Program Committee. Austin also has served in the leadership positions and helped chair and organize the 1999 and 2010 RETEC[®]'s. He has served as overall technical program Chair for our 2006 ANTEC[®] and he has played on the "Color Eye Blind" Band for 20 years. This year is the 20th Anniversary for the band. Austin has also received the Fellow of the Society Award, Terry Golding Outstanding Achievement award, Honored Service Member

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Chairman's Letter - continued from page 1

Award and has also served as Vice-President for the Executive Committee.

It is very easy to see that Austin and Sandy both love the color industry and all the people involved. They have dedicated many years to help inspiring others and in the education, support and the growth of our industry. I can speak for all members of the board – We will miss you both and are blessed to have had the opportunity to serve alongside of these two-amazing people.

Congratulations to the CAD Division for winning the 2018 SPE Pinnacle Gold Award and the 2018 SPE Communications Excellence Leader Award. Both awards will be issued during 2018 SPE ANTEC^{*}. Over the years the Color & Appearance Division has awarded scholarships to students in the purpose of decreasing financial barriers for students who wish to pursue higher education in the coloring of plastics industry. This would include, but is not limited to, plastics engineering, polymer science, coloring of plastics, chemistry, physics, chemical engineering, mechanical engineering, industrial design and industrial engineering. Over the past four years CAD has awarded 61 scholarships for \$131,350.

Applications are now being accepted by contacting Ann Smeltzer the Endowment Committee Chair at ann.smeltzer@clariant.com or go to our web page www.specad.org to download the application information.

It is still early in the year, but September will be upon us before we know it and so will RETEC^{*}. This year the conference will be held in Charleston SC September 23 – 25. This will be our 56th event and will be at the Embassy Suites Charleston Airport Hotel & Convention Center with the theme "Get the Lowdown on Color!".

This year's RETEC^{*} is shaping up to be an impressive event. If you have an interest in presenting a paper, please contact Alex Prosapio (aprosapio@sudarshan.com) or Jeff Drusda (drusdaj@silberline. com). These gentlemen will help get you on stage.

Sponsorship is also now open and we have Silver, Gold and Platinum opportunities, please contact myself (Cheryl.treat@basf.com) or Scott Aumann (scott.aumann@emdgroup.com) to sponsor RETEC^{*}.

It has been an amazing year for CAD and we have many good things to share with our members!

I would like to thank everyone for allowing me the opportunity to serve as the Chair for SPE CAD this past year.

As Chair of this division, I appreciate the efforts by the members and would like to thank all for the support given to me over the last year.

Best Regards,

Cherve Treat

Chairman

Invitation to Attend Our Board Meetings

The Color and Appearance Division regularly holds Board of Director (BOD) meetings at the ANTEC[®] and the CAD RETEC[®]. In addition, a Summer BOD meeting is typically held about 6 weeks prior to the next CAD RETEC[®].

The Summer meeting is scheduled in various locations. A Winter BOD meeting is held in January. The Winter meeting is typically held at a site of a future CAD RETEC^{*}.

Any SPE CAD members who wish to attend are welcome at these meetings. If interested in attending the next Board meeting, please contact the Division Chairperson for more information.

Board Minutes

The CAD Division posts the board minutes as soon as approved and they are accessible on our website. Click here to review our board minutes.

Color and Appearance Division







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September 23 - 25

Charleston, SC



Preconference Color Seminar

2days of Technical Sessions

50+ Exhibitors

Golf Outing

Opening Reception

Excellent Networking & Receptions and more!

CONFERENCE CHAIR:

Brenda Outlaw Brenda.Outlaw@basf.com

Breeze.Briggs Breeze.Briggs@basf.com

EXHIBITOR CHAIR: Brain West Bwest@techmerpm.com

SPONSORSHIP CHAIR: Cheryl Treat Cheryl.Treat@basf.com Get the Lowdown on Color

SPE CAD RETEC® 2018 September 23–25, 2018

Embassy Suites Charleston, South Carolina

Details and Registration at www.specad.org

Congratulations to all of the following!

2018 Board of Directors Election for the 2018-2021 Term

CAD RETEC[®] 2018

INCUMBENTS: Earl Balthazar – Data Color Sharon Ehr – Uniform Color Ed Ford – Zepplin Systems USA Jack Ladson - COLOR Science Consultancy Alex Prosapio - Sudarshan Michael Willis – Sun Chemical

NEWLY ELECTED DIRECTORS Elizabeth Serdar – Omya, Inc. Todd Waddle – M. Holland Kimberly Williamson – Techmer PM Dan Martelli (will fill a one-year term) – Heubach Color

2018 SPE Color & Appearance Division Council Representative (Councilor) for 2018-2021

Councilor: Bruce Mulholland - Celanese

CAD NEWS

UV Stabilizers

iD Additives[™] UV Stabilizer Systems have been tailored with Hindered Amine backbones to provide greater durability to meet the increased demands of widely ranging applications where UV Exposure is expected. They have proven their ability to outperform standard Hindered Amine UV Products in both PE and PP in the following applications:

- Color Concentrates / Masterbatches
- Wood Composites / Roofing / Pipe
- Outdoor Furniture / Stadium Seating
- Film for Chemically Aggressive Applications

iD Additives[™] is proud to introduce the iD Purge purging compound which delivers the following benefits to your company and bottom line:

iD Purge

- Reduces resin required to purge
- Works with ANY RESIN No need for multiple
- No harsh chemicals. Non-Flammable.
- Minimizes process equipment down-time
- All natural ingredients

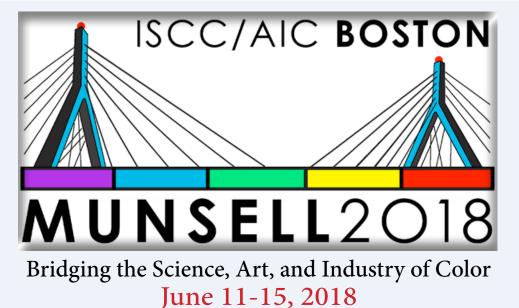






Spring 2018

CAD NEWS



For more information go to Munsell2018.org

The Year of Munsell



This year marks the 100th anniversary of the incorporation of the Munsell Color Company as well as 100 years since the passing of Albert H. Munsell. It is also the 75th anniversary of the Munsell Renotations.

To commemorate these milestones, the Inter-Society Color Council (ISCC) and the International Color Association (AIC) are hosting a very special event in June of 2018 to honor the pioneering contributions of Munsell to the world of color

Munsell Centennial Symposium will take place from June 11th to the 15th at the Massachusetts College of Art and Design formerly known as the Massachusetts Normal Art School where Munsell taught for over thirty years.

The focus of the event is "*Bridging the Science, Art and Industry of Color*" with the theme of Celebrating the Past | Envisioning the Future.

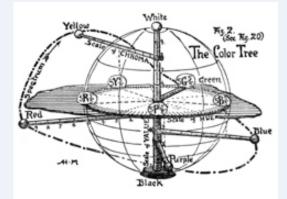
Interdisciplinary Program

The five-day interdisciplinary program features invited presenters from around the world who are experts in the fields of color science, art and design, and industrial color. Program Schedule

Breakout sessions on Tuesday and Friday include tutorials, hands-on workshops, field trips and AIC Study Group meetings.

Opportunity to Make Connections

The 2018 Munsell Centennial Color Symposium will bring together color professionals from all fields to network and make connections. It is a not-to-be-missed opportunity to meet fellow experts and enthusiasts from around the world who share your passion for color.



Early Registration Prices	ISCC Member	Non-Member		
All-Inclusive Package	\$550	\$650		
General Sessions Only Package	\$400	\$500		
Student	\$200	\$200		
Treehouse Dorm (Price is for a 7 night stay.)				
Single Room	\$360 private room			
Shared Room	\$300/person			
Double Room	\$520			
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Registration Details.

We invite you to help us publicize this special event by sharing the information from our websiteon social media and with your contacts. ISCC Organizing Committee-Munsell Centennial Symposium.Munsell2018.orgiscc.org



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Let's work together to create the next great solution in plastics.

Your success is our goal. Let's talk about collaboration.



Spring 2018

SOCIETY OF PLASTICS ENGINEERS **2018 CAD RETEC® GOLF OUTING** Sunday September 23rd, 2018

The Links Course at Wild Dunes Resort

Schedule (EST)

Registration: 11:00am to 12:15 12:30 pm Shotgun Start

Conference Opening Ceremony starts at 8:00pm

Price: \$105.00 per golfer

Includes: Range will be Green and Cart Fees Lunch

INSPIRING

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Course Location

1 Sundial Circle Isle of Palms, SC 29451 Phone: (866) 359.5593

Awards (hole prizes) Scramble format – Teams drawn based on handicaps this year

When registering, after your name input your typical 18 hole or 9 hole score. Please be honest to make this fair



The Links Golf Course was Tom Fazio's first. Today, it's newly renovated and still among his favorites and he's not the only one. From the rustling palms lining lush, rolling fairways to a finishing hole overlooking the glistening Atlantic Ocean, the Links Course is South Carolina golf at its finest.

Questions Contact:

Mark Tyler (859) 372.3221 or Mark Freshwater (201) 665.0091 or Alex Prosapio (845) 641-0506

If anyone is interested in playing Saturday before the Outing, please let us know and we'll see if anything is going on.

CAD RETEC® 2018

Get the Lowdown on

ANTEC[®] ORLAN

Plastics Technology Conference

Orange County Convention Center • Monday May 7th

1:30 pm – 5:00 pm	M11-Color and Appearance - Moderator: Michael Willis		
1:30 pm – 2:00 pm KEYNOTE – Global Automotive Color Trend, Popularity and Who's Driving			
	George Ianuzzi, Senior Sales Manager, Sandream Impact LLC		
2:00 pm – 2:30 pm	A review of titanium dioxide photo-activity in polypropylene		
	Philipp Niedenzu, Chemours		
2:30 pm – 3:00 pm	Understanding Warpage in Injection-Molded Thermoplastics; Causes and the Latest Pig.	mentary Solutions	
	Breeze Briggs, BASF Colors & Effect USA, LLC	·	
3:00 pm – 3:30 pm	Extending the boundaries: Bismuth-based pigments for the plastics industry		
	Cristina Zanzottera, DCC Maastricht BV		
3:30 pm – 4:00 pm	Optimizing Color: A Pigment- and Surface-Chemistry Perspective		
	Christopher Beier, Clariant Plastics and Coatings USA, Inc.		
4:00 pm – 4:30 pm	VOC Reducing Additives for Masterbatches and Final Polymer Articles		
	Rob Lorenzini, Maroon Group	spe	
4:30 pm – 5:00 pm	Keynote: Color Theory and Test Methods.		
	Betty Puckerin, Global Manager, Ampacet Corporation	COLOR &	
5:00 pm -	Color and Appearance Business Meeting	APPEARANCE	

designed to **enhance** design



Colorants, additives and effects formulated to enrich plastics applications and processes.



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Society of Plastics Engineers Endowment Scholarship Program For the 2018 – 2019 School Year

Applications must be received by June 4th, 2018.

The Society of Plastics Engineers Color and Appearance Division have scholarships available for qualified individuals.

Each year, scholarships are awarded in honor of some of those who have influenced our industry through education of up to \$4,000 each. Additional full or partial scholarships may be awarded based on available funding and on the number of qualified applicants.

Jack Graff Memorial Scholarship Gary Beebe Memorial Scholarship Bob Charvat Memorial Scholarship Steve Goldstein Memorial Scholarship George Rangos Memorial Scholarship up to \$4000.00 up to \$4000.00 up to \$4000.00 up to \$4000.00 up to \$4000.00

Scholarship Eligibility

- 1. Applicants for these scholarships must be full-time undergraduate students in either a four-year college or a twoyear technical program or enrolled in a graduate program.
- 2. All applicants must be graduates of public or private high schools.

Scholarship Criteria

- 1. Applicants must have a demonstrated or expressed interest in the coloring of plastics industry.
- 2. Applicants must be majoring in or taking courses that would be beneficial to a career in the coloring of plastics industry.
- 3. An applicant must be in good academic standing with his or her school.
- 4. Preference is given to student members of SPE and also to students who have a parent(s) as a member of the Color & Appearance Division of the SPE.
- 5. Financial need of an applicant will be considered for most scholarships.

Application Procedure

To be considered for a scholarship from the Color & Appearance Division Endowment Scholarship Program, applicants must complete an application available on our website and return it to the address specified on the application by June 4, 2018. All submitted applications must include:

- 1. A completed application form.
- 2. Three recommendation letters: two from a teacher or school official and one from an employer or non-relative.
- 3. A high school and/or college transcript for the last two years.
- 4. An essay by the student (500 words or less) telling why the applicant is applying for the scholarship, the applicant's qualifications, and the applicant's educational and career goals in the coloring of plastics industry.

Please feel free to contact Ann Smeltzer by email or by phone at 412-298-4373 with any questions.



A.Schulman www.aschulman.com

Join SPECAD's Group On LinkedIn to network with industry peers, participate in group discussions of industry and technical topics, find job opportunities, and get the latest division and conference announcements.

Group Name: SPE Color & Appearance Division Group ID 152108 https://www.linkedin.com/groups/152108





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May 7-10, 2018 • Orange County Convention Center • Orlando, FL

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Immediate Past Chairman: Brenda (Mullins) Outlaw, 313-920-7113 BASF Colors & Effects brenda.outlaw@xxxbasf.com

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Secretary: Mark Freshwater, 201 665 0091 Lansco Colors mark@xxxpigments.com

Note: remove xxx after ampersand in email addresses before emailing – added here to prevent bots from capturing email.

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Spring 2018

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Celanese

DY:

COLOR &

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