

**CAD RETEC® 2018**  
**Embassy Suites Charleston Airport**  
**Hotel & Convention Center**  
North Charleston, South Carolina  
September 23 – 25, 2018



**Pre-registration online**

Go to [www.specad.org](http://www.specad.org)

**Onsite Registration**

- Sunday 23 September 1:00 PM – 8:00 PM
- Monday 24 September 7:30 AM – 5:00 PM
- Tuesday 25 September 7:30 AM – 3:00 PM

**Preconference Tutorial Coloring of Plastics**

Presented by Bruce Mulholland, Celenese, SPE Fellow  
Sunday 23 September 8:00 AM – 4:30 PM

Fee: \$490 (Must Pre-register for event. Extra fee not included with CAD RETEC® 2017 registration)

**CAD RETEC® 2018 Golf Outing**



Wild Dunes Resort Links course  
10001 Back Bay Drive Isle of Palms, SC 29451  
Sunday 23 September 2018  
Registration 11:00 AM – 12:15 PM  
Shotgun start at 12:30 PM

Price: \$ 105.00 per golfer

Includes: warm ups on the range, green fees, cart fee, lunch, Awards (hole prizes), scramble format

For more details, visit the [www.specad.org](http://www.specad.org)

**Welcome Reception**

8:00 pm – 11:00 pm, Ballroom B

Sponsored by EMD Performance Materials

*There will be a TV to watch Football*



**CAD RETEC® 2018 Fun Run**

Sponsored by Dominion Colour Corporation

\$20 Registration fee

All proceeds go to Habitat for Humanity

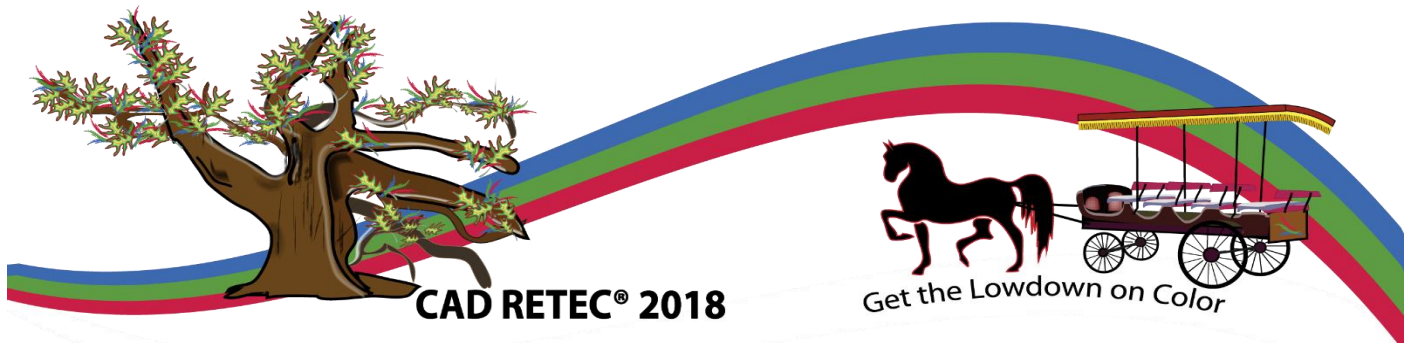
SPE CAD will match every \$20 donation



## Technical Program

### Monday 24 September 2018

Time	Category	Speaker/Company	Title/Sponsor
<b>7:00-8:00 AM</b>	<b>Breakfast</b>	<b>Ballroom B</b>	<b>Sponsored by DCC Lansco</b>
8:15 AM	Opening Remarks	Breeze Briggs, BASF	Welcome to CAD RETEC® 2018 in North Charleston, SC
8:30 AM	Keynote	<a href="#">Dr. Andy Francis</a> , Q-lab	<i>Temperature Control During Fluorescent UV Weathering Testing of Plastic Materials</i>
9:00 AM	Paper	<a href="#">Al Zielnek</a> , Atlas/Ametek	<i>Environmental Exposure of Plastics – Factors which can Affect Color and Appearance</i>
9:30 AM	Paper	<a href="#">Yuta Ozeki</a> , SUGA	<i>Effectiveness of Ultra-High, Accelerated Weathering Test Methods</i>
<b>10:00 AM</b>	<b>Break</b>	<b>Exhibits open (<a href="#">Exhibitors</a>) Ballroom C &amp; Foyer</b>	<b>Sponsored by Sun Chemical</b>
10:30 AM	Weathering Panel Discussion	Moderator: Jack Ladson, Color Science Consultancy	<a href="#">Tad Finnegan</a> , BASF <a href="#">Andy Francis</a> , Q-Lab <a href="#">Bruce Mulholland</a> , Celanese <a href="#">Al Zielnek</a> , Atlas/Ametek
<b>12:00 AM</b>	<b>Lunch</b>	<b>Ballroom B</b>	<b>Sponsored by Sanhu Color</b>
1:30 PM	Paper	Christof Kujat, BASF	<i>What's up Doc in the Red Color Space?</i>
2:00 PM	Paper	Karl Hendrik Schluckebier, Zeppelin	<i>High Performance Mixing for Color Concentrates</i>
2:30 PM	Paper	John Seymour, The Math Guy	<i>Statistical Process Control of Color</i>
<b>3:00 PM</b>	<b>Break</b>	<b>Exhibit area, Ballroom C &amp; Foyer</b>	<b>Sponsored by Chemours</b>
3:30 PM	Paper	<a href="#">Todd Waddle</a> , M. Holland	<i>Market &amp; Color Industry - Trends &amp; Impact</i>
4:00 PM	Paper	<a href="#">Nigel Smith</a> , DCC Lansco	<i>Organic pigments – How Environmental and Regulatory Challenges Shape the Present and Our Future</i>
4:40 PM	<a href="#">NTE</a>	Scott Heitzman, Moderator	New Technology Forum
<b>6:00 PM</b>	<b>Reception</b>	<b>Networking Reception Ballroom C &amp; Foyer</b>	<b>Sponsored by Shepherd Color Co.</b>



## Technical Program

**Tuesday 25 September 2018**

Time	Category	Speaker/Company	Title/Sponsor
<b>7:00 AM</b>	<b>Activity</b>	<b>Fun Run/Walk Embassy Suites Lobby</b>	<b>Sponsored by Dominion Colour Corp</b>
8:20 AM	Welcome	Breeze Briggs, BASF	Welcome Day 2
8:30 AM	Keynote	Doreen Becker, Ampacet	<i>Design Strategies for Sustainable Pigmented Plastics</i>
9:00 AM	Paper	Don Connolly, New Castle Consultancy	<i>Six Things That You Should NEVER Do When Handling TiO2</i>
9:30 AM	Paper	<a href="#">Neil MacDonald</a> , Lomon Billions	<i>A Discussion of the Manufacture and Properties of Titanium Dioxide Pigments for Plastics Applications</i>
<b>10:00 AM</b>	<b>Break</b>	<b>Ballroom C &amp; Foyer</b>	<b>Sponsored by TrustChem</b>
10:30 AM	Paper	Tad Finnegan, BASF	<i>The Influence of Additives on Polymer Discoloration</i>
11:00 AM	Paper	<a href="#">Mahesh Metteloo</a> , Sudarshan	<i>Dispersion Study of Pigments Using the Thermo Kinetic Mixers</i>
11:30 AM	Paper	<a href="#">Christopher Thelen</a> , M. Holland	<i>A Modest Proposal for Establishment of Global Regulatory Standards</i>
<b>12:00 PM</b>	<b>Luncheon</b>	<b>Ballroom B</b>	<b>Awards Luncheon Sponsored by Tronox</b>
1:30 PM	Paper	Arno Boehm, Colorflex	<i>Functional Additives in Plastics Processing – Next Generation NIR Absorbers and Colorants for Plastics Laser Welding</i>
2:00 PM	Paper	Arno Boehm, Colorflex	<i>Functional Plastics in LED Lighting – Efficient Thermal Management in Lightly Colored and Transparent Plastic Parts</i>
<b>2:30 PM</b>	<b>Break</b>	<b>Ballroom C &amp; Foyer</b>	<b>Sponsored by Clariant</b>
3:00 PM	Keynote	Christopher Beier, Clariant	<i>Electronic Structure and Photochemistry of Pigments: The Chemistry of Color and Durability</i>
3:30 PM	Paper	Mark Ryan, Shepherd Color	<i>Weathering of Polymers with Colored Inorganic Pigments: Results and Considerations</i>
4:00 PM	Closing Remarks	Breeze Briggs, BASF	Closing Remarks Raffle (Prizes TBD) <i>Must be present to win!!</i>
4:30 PM			Conference Ends