



**SOCIETY OF PLASTICS ENGINEERS  
COLOR & APPEARANCE DIVISION**

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Date: May 2, 2023 CAD Board of Directors Meeting  
 Location: Galt House Louisville, KY

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**Attendance**

<b>Present:</b>	<b>Present:</b>	<b>Absent:</b>
Balthazar, Earl	Prosapio, Alex	Aumann, Scott
Billiter, Matt	Puckerin, Betty	Becker, Doreen
Briggs, Breeze	Ryan, Mark	Ford, Ed
Carlson, Karen	Smeltzer, Ann	Figaniak, Jim
Coleman, Brian	Stubbs, TJ	Gehres, Christine
Depew, Chuck	Tanner, Tony	Howie, Bruce
Drusda, Jeff	Treat, Cheryl	Iannuzzi, George
Esker, Steve	Tyler, Mark	Jacobs, Josh
Freshwater, Mark	West, Brian	Landazuri, Mercedes
Heitzman, Scott	Williamson, Kimberly	Smith, Andrew
Ladson, Jack	Willis, Michael	
Mulholland, Bruce		

<p>Upcoming Spring Board Meeting:          Hyatt Regency Columbus, OH          August 8, 2023</p>
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**Tuesday May 2, 2023**

The meeting was called to order at approximately 8:00AM EST by Chair Michael Willis.

There were 23 board members present, 10 absent.

Opening Remarks and SPE Anti-Trust Statement were read as follows by Michael Willis:

**Anti-Trust statement and guidelines.**

**The meeting referenced above and below will be governed by the Anti-Trust Act Statement listed as follows:**

**SOCIETY OF PLASTICS ENGINEERS ANTITRUST GUIDELINES**

**It is an SPE Policy that there can be:**

- 1. No discussion among members which attempts to arrive at any agreement regarding prices, terms or conditions of sale, distribution, volume, territories, or customers;**
- 2. No activity or communication which might be construed as an attempt to prevent any person or business entity from gaining access to any market or customer for goods or services or any business entity from obtaining services or a supply of goods;**
- 3. No activity or communication, which might be construed as an agreement to refrain from purchasing or using any materials, equipment, services or supplies of or from any supplier; or any other activity which violates antitrust or other applicable laws aimed at preventing unfair competition.**

Meeting Courtesy –

- Please give speakers the same courtesy you would expect.
- No sidebar conversations when others are speaking to the group.
- Cell phones silenced and or courtesy during the meeting.
- Laptops/Notebooks allowed for note taking.
- No E-Messages via any electronic devices unless relevant to the topic being discussed.

Chair M. Willis welcomed the group.

Attendance recorded by K. Williamson.

### **Secretary's Report** – (K. Williamson)

Winter meeting minutes submitted via email, no adjustments needed.

Motion to approve – 1st A. Prosapio, 2nd S. Heitzman

Winter meeting notes approved.

### **Treasurer's Report** – (B. Mulholland)

The treasurer's report can be found at the end of these meeting notes.

- Reports have been sent via email.
- Motion to approve – 1<sup>st</sup> E. Balthazar, 2<sup>nd</sup> B. West
- Treasurer's report approved.

Moved from Vanguard to Fidelity.

### **Councilor's Report** – (M. Landazuri)

Board of Directors

- Bruce Mulholland, President
- Jason Lyons, Past President
- Conor Carlin, President-Elect
- James Waddell, Director of Finance, Treasurer
- Lynzie Nebel, Director, Secretary
- Todd Bier, Director
- Praveen Boopalachandran, Director
- *Ray Pearson – resigned from BOD*

4 new directors on 1-year appointments:

- Diane Marret – Sustainability Director, Consumer Pkg NA, Berry Global
- Meg Sobkowicz – Prof. Plastics Engineering, UMass Lowell
- Jeremy Dworshak – Research Scientist, Injection Molding, 3M
- Gustavo Nechar – VP & Chief Human Resources Officer, Ascend Performance Materials

## **2022 Strategic Goals Summary**

### **Knowledge Sharing**

- Identified SMEs to participate in SME workshops at ANTEC 2023
- National Weeks of Learning – reached 620 viewers, 2022
- Ivan Lopez – Executive Director of Technical Programs, completed an analysis of technical education in the plastics field. This analysis will be used to identify our niche and develop new programs for SPE.

### **Increased Engagement & Networking**

- ANTEC 2023, Denver
- Webinars for member directory & communities

- Non-technical courses

### **Enhanced Reputation**

- Hosted first DEI virtual event – 12 speakers, 103 attendees, 16 pre-recorded talks available on-demand
- SPE Certificate in Leadership program – first program finished just before ANTEC, second group started in February
- Teach the Geek launched in March
- BadgeCert platform selected for micro-credentials for participation in SPE programs, workshops, etc.

## **2023 Strategic Plan**

### **Identify two new revenue streams for SPE**

- Re-work weeks of learning model to focus on attracting OEMs
- Conduct workshops in conjunction with ANTEC 2023
- Develop and conduct live virtual workshops
- Develop one new in-person HQ event: FlexPackCon – October 10-12, Montreal

### **Increased Engagement & Networking**

- Define & implement leadership cohort group networking
- Student posters return to ANTEC 2023

### **Enhanced Reputation**

- Promote DEI content to members
- Expand Girl Scout Patch program
- Expand Essentials of Management & Leadership in Plastics (two more cohort groups enrolled in 2023)
- Potentially develop Advanced Leadership course
- Promote Teach the Geek course
- Microcredential program
- Extrusion Division mid-career recognition platform
- “One SPE” – complete integration of SPE Foundation into SPE operations
- Define desired end state for chapter model & map out plan

### **3D Natives Acquisition**

- 3Dnatives acquisition – French-based for-profit media & events company for the additive manufacturing market.
- >1.2 million people visit 3Dnatives platform monthly
- Content created for specific markets in each region’s native languages (currently French, Italian, Spanish, German, English & planning to add more)
  - Principals Alexandre Martel & Filippos Voulpiotis attended ANTEC 2023

## **Technical Program Reports:**

### **RETEC Technical Programs (M. Tyler)**

- Galt House considered “okay” by the group. We could make it work, but maybe there is something better out there.

### **RETEC 2023 – September 18-20, 2023**

#### **Columbus, OH (Kimberly Williamson Chair, Steve Esker Vice-Chair)**

- Presenters: 15 confirmed, 1 strong maybe, another maybe
- 6 Platinum, 2 Gold and 3 Silver sponsors already
  - Recycle stations, ask the hotel
  - Coffee available all day
  - Dessert social
  - Transportation to and from the hotel
  - Lanyards for registration
  - Plastivan lunch
  - Sponsor for registration bags
- Panel discussion (regulatory)
  - Moderator – Betty Puckerin
  - Betty working on an FDA participation
  - Cheryl to talk to the Sun Chemical regulatory group
  - Eric Andrews, Colour Synthesis, Alex
  - Clariant Additives, Kim
- 3D Natives possible?
- Website up and registration links active – hotel coming soon
  - Let Earl know about the hotel registration for social media updates

### **RETEC 2024 –September 23-25, 2024**

#### **Tampa, FL (Alex Prosapio Chair, Mark Tyler Vice-Chair)**

- Logo finalized, tweak text to make it solid lettering
- Riverfront Marriott

### **RETEC 2025**

#### **Charlotte, NC (Chair J. Drusda, Vice-Chair J. Jacobs)**

- Renovations internal to be completed by end of 2024
- Outside renovations still not approved with the city

### **ANTEC Technical Programs (J. Drusda)**

#### **ANTEC 2023 - March 27-30**

##### Denver, CO (Brian Coleman Technical Chair)

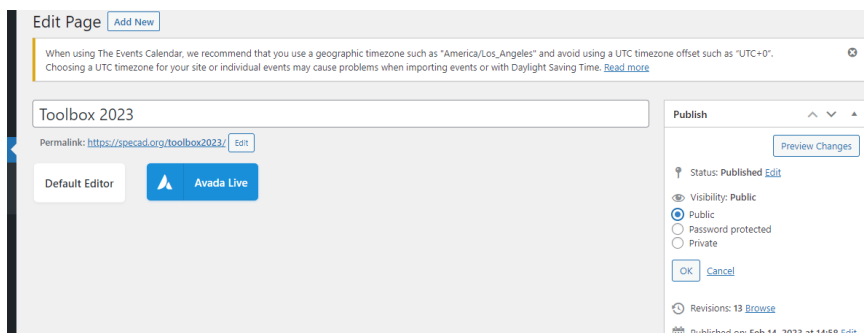
- Several papers from Color and Appearance in Europe
- Bruce participated from our group

## Committee Reports:

### Communications Committee – (B. Puckerin)

#### **SPE CAD Website** – J. Drusda

- 2023 Elections - BOD
  - Elections pages are live
  - Ballot is open (Mark Tyler auditing)
- 2023-24 Scholarship
  - Pages updated
  - Application is updated
  - Open until June 12
- Archive Newsletters
  - 40 copies scanned, uploaded
  - New archive page build – WIP
- 2023 RETEC
  - Live
  - Info added as it becomes available
- New Toolbox
  - Live
  - Tabs used to segment and organize topics
  - Do we need to password protect this page?



#### **eBlast**

- George and Doreen sharing this responsibility
- RETEC, election, scholarships, etc. coming out soon

#### **Social Media** – M. Landazuri

- Post for LinkedIn coming soon from Earl
- RETEC, election, scholarships, etc.

#### **Publicity** – B. Puckerin

- RETEC printable logo received
- Missed deadline for SPE for May/June, but will still get July and August
- Postcard for RETEC discussed, picked a final design
  - Sponsor updates by June 30th

- RETEC committee to review content before publishing

**CAD News – M. Tyler**

- Next one coming out mid to late June
- Start soliciting at RETEC
- Bruce to record most asked questions for the Color Seminar

**Education/Technical Resource Committee – (B. Briggs)**

- Working out a plan to record presentations and use them
- Cutting down wording and making them more suited to verbal presentations
- Brian Coleman is taking over as the head of the Education Committee

**Membership Committee – (J. Ladson)**

<b>Membership Class</b>	<b>Jan 20</b>	<b>Jan 21</b>	<b>Jan 22</b>	<b>Sep 22</b>
<i>Distinguished Members</i>	0	1	1	1
<i>Emeritus Members</i>	26	23	28	28
<i>Professional Members</i>	573	436	385	416
<i>Student members</i>	68	47	24	13
<i>Young Professional Members</i>	22	35	44	40
<b>Total</b>	<b>717</b>	<b>542</b>	<b>482</b>	<b>498</b>

We are seeing less students and more professionals.

**Color Advisory Group – (J. Ladson)**

**AIC – AIC 2023, 15<sup>th</sup> Congress of the International Colour Association, Thailand, November 28 to December 2, 2023.**

**ASTM - E12 Color & Appearance –**

Next Meeting Planned JUN 23<sup>rd</sup> & 24<sup>th</sup>, 2023, at ASTM HDQRT, West Conshohocken, PA

We received DIN 990, Color Difference Equation. A report is to be issued containing the equations.

A Task Group was created to measure spatial appearance (initially covering sparkle and graininess), better defining the “spatial appearance” term for colored materials for different industries.

A Task Group was created concerning the characterization of interference pigments for color and the spatial appearance (mainly sparkle and graininess) of colored materials using interference pigments.

A Task Group continues its study on the correct analysis methodology for a collection of total color differences.

A Task Group was created to study the term accuracy in colorimetry.

A Task Group was formed to allow the calculation of LEDs using non-standard Observer functions.

A Task Group will allow E-259-06(2015) SP-*Preparation of Pressed Powder White Reflectance Factor Transfer Standards for Hemispherical Geometry* to be withdrawn.

**ASPRS, American Society for Photogrammetry and Remote Sensing,**

2023 ASPERS FREE Annual Conference, Imaging, Denver, CO. May 24<sup>th</sup> & 25<sup>th</sup>.

**CIE**

CALL FOR CONTRIBUTORS: CIE TC 2-98 will revise CIE 130-1998 Practical Methods for Measuring Reflectance and Transmittance; the TC is chaired by Dr. Catherine Cooksey of NIST (USA).

30<sup>th</sup> Quadrennial Session Sept 15-23, 2-23, in Slovenia.

**CIE USNC**

**CORM, CIE-USNC Joint Annual Meeting & Conference**, Virtual, - November 14-16, 2022

**ISCC** – Color Impact 2023, June 11-15, 2023, at RIT.

**ECVP - European Conference on Visual Perception**

44th European Conference on Visual Perception (ECVP 2022, 31 August) Nijmegen, Netherlands. Th

ECVP2023 will be in Paphos, Cyprus, from 27<sup>th</sup> to 31<sup>st</sup> August 2023.

**IES - Illuminating Engineering Society**

The mission of the Progress Committee is to stay connected with developments in the art and science of lighting throughout the world and prepare a yearly report of achievements for the Society IES.

Annual Conference Aug 3<sup>rd</sup> to 5<sup>th</sup>, 2023, Schaumburg, IL.

**LightFare** – Javits Center, NYC, May 23<sup>rd</sup> to May 24<sup>th</sup>, 2023.

**IS&T-** Electronic Imaging, TBD,

**CORM – Council on Optical Radiation Measurements**

No meeting is Scheduled at this time.

**SCAD Annual Conference, Society Color and Appearance in Dentistry,**

Annual Meeting, May 6<sup>th</sup> & 7<sup>th</sup>, Vancouver.

**SID Display Week 2023**, May 23<sup>rd</sup> & 25<sup>th</sup>, Los Angeles, CA

**Public Courses**

**Color Association of the United States**, Blog, <https://www.colorassociation.com/blog>

**Colour Made Simple**, Online by Demand University Leeds

**Understanding and Applying Colour**, four times per year, National Art School

**Colour Theory**, Online Sydney Australia

**Painting Classes**, Hamley Studio, Australia

**CPD Sessions & webinars**, Online Dr, Zena O'Connor



## ColourPlay workshops and retreats, Regional Sydney

## Colour Design 7 Psychology online courses, Color Mentoring Program

### Sponsorship – C. Treat / S. Aumann

- 11 sponsors for \$40,500
  - **Platinum Sponsors = 6**
    - Sun Chemical, DCL, Sudarshan, Liberty Specialty Chemicals, Tronox, Shepherd Color,
  - **Gold Sponsors = 2**
    - DCL, Tomatec
  - **Silver Sponsors = 3**
    - Silberline, Cinic, Clariant Additives
- Bruce confirmed that SPE has a charging station we can use for Sponsorship.
- Shepherd Color is a platinum sponsor of Network reception, can they have a raffle, games or name the drinks offered? **Board confirmed NO Raffle, yes to games and drink names. Cheryl To update Shepherd Color.**
- We need additional platinum & gold events:
  - Suggestions from board = PlastiVan Sponsor, Lanyard Sponsor, Uber Sponsor, Parking Sponsor, Recycle container Sponsorship.
- Steve Esker to work with the hotel to get answers on the following questions:
- Can we have bottles of water and is there a uncork fee?
- Can we place recycle containers at conference?
- Tomatec and Liberty Specialty need events assigned to them to date.
- Get with Betty and give her updated list and logos for all current sponsors.

### Endowment – A. Smeltzer

- Scholarship applications open – May 1<sup>st</sup>-June 12<sup>th</sup>
- TJ and Doreen to join the committee
- Should we publish the names of past winners? Article for the newsletter?

### Awards – K. Williamson

- Finalizing the winner for outstanding paper
- Honored Service Member – group to email if they have nominations
  - Jim Figaniak and Jeff Drusda being considered
- Fellow of the Society – group to email if they have nominations

### International – M. Ryan

- SPE ACE attended by Mark and Bruce
  - Possible tabletop next year at RETEC for their conference in 2025
- Christine has shown interest in getting more involved in this committee

**General Notes –**

- Visitors from Louisville Tourism joined the meeting as guests.
- Elections – more eblasts and send postcards out.
- Need to include photography “boiler plate” language on the RETEC website.
- RETEC 2023 – Blind copy Jeff and Betty on communications coming from the website links. Rearrange communication order on the website, chair will be last (possible change to vice-chair).
- Proposed conference committee structure – copy can be found at the end of the report.
- Changes to the bylaws and operating procedures reviewed.
  - Motion to approve – 1<sup>st</sup> M. Freshwater, 2<sup>nd</sup> T. Subbs
  - Changes to the bylaws and operating procedures approved.
- Next meeting is tentatively scheduled for August 7-8, 2023.

Old Business from Past Meetings	Assigned to	Due	Status
Election committee increase participation in elections	A. Prosapio / M. Tyler	Spring 2023	Complete
Develop official set of <b>visitor</b> guidelines to CAD board meetings	B. Mulholland	Spring 2023	Complete
Place CAD bylaws and operating policies in a more prominent location on the <b>website</b>	B. Puckerin	Spring 2023	Complete
Form a committee to determine whether a company not exhibiting can advertise via banner, etc. in conference hotel	S. Aumann	<b>Summer 2023</b>	
Determine if there is an official SPE “boiler plate” comment about photography and its use	B. Mulholland	Spring 2023	Complete
Determine way to handle inquiries related to conference – streamline communication path	B. Puckerin	Spring 2023	Complete
Determine a way to draw in more student membership to CAD	J. Ladson	<b>Summer 2023</b>	
Work with the Technical Committee to solicit student papers / poster session for RETEC 2024	E. Ford	<b>Summer 2023</b>	
Clarify assignments for new proposed structure for conference committee structure	J. Figaniak	Spring 2023	Complete
Update and gain approval for bylaws affected by the changes to the structure for conference committee structure	B. Mulholland	Spring 2023	Complete

New Business from Spring Meeting	Assigned to	Due	Status
How should we handle virtual components for CAD BOD meetings?	A. Prosapio	Summer 2023	

**Meeting Adjourn – Passed**  
**1st E. Balthazar, 2nd M. Freshwater**  
**Meeting adjourned at approximately Noon.**

Minutes Respectfully Taken by:  
 Kimberly Williamson  
 CAD BOD Secretary

**Treasurer's Report:**

**Color and Appearance / SPE  
Treasurer's Report  
March 31, 2023**

TOTAL BEGINNING BALANCE as of 12/31/21 \$ 112,991.53

Deposits:

Source	Type	Amount
FifthThird Bank	Jan-Mar interest	\$ 0.14
Fidelity	Q1 interest	\$ 554.70

TOTAL DEPOSITS \$ 554.84

Expenses:

Check#	Assignee	Purpose	Amount
	FifthThird	Jan-Mar Merchant fees	\$ 339.70
	Payflow Pro	Jan-Mar Gateway	\$ 75.00
MC	Renaissance	Winter Exec Com Meeting	\$ 225.72
MC	Renaissance	BOD meeting	\$ 5,848.21
MC	Texas De Brazil	Winter BOD meeting dinner	\$ 1,877.38
1051	Jamie Tyler	Spring CADNews	\$ 750.00
1050	SPE Foundation	PlastiVan	\$ 17,500.00

TOTAL EXPENSES: \$ 26,616.01

TOTAL ENDING BALANCE: \$ 86,930.37

PENDING EXPENSES: \$ 17,500.00  
\$ 17,500.00

BALANCE AFTER PENDING EXPENSES: \$ 69,430.37

**ENDOWMENT FUND OVERVIEW:**

Beginning Balance as of 12/31/2022	\$ 895,714.12
Net Gain / Loss	\$ 68,100.56
Ending Balance as of 03/31/23	\$ 963,814.68

Respectfully submitted by Bruce Mulholland Total assets: \$ 1,033,245.04

**Proposed Conference Committee Structure:**

