



**SOCIETY OF PLASTICS ENGINEERS**  
**COLOR & APPEARANCE DIVISION**  
**Board of Directors Summer Meeting.**

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Date: August 6<sup>th</sup>, 2024, CAD Board of Directors Meeting  
 Location: Tampa Marriott Water Street, 505 Water Street, Tampa, FL 33602  
 (Hybrid meeting due to Hurricane Debby)

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<b>Present (In Person):</b>	<b>Present (Virtual):</b>	<b>Absent:</b>
Aumann, Scott	Balthazar, Earl	Howie, Bruce
Becker, Doreen	Carlson, Karen	Jacobs, Josh
Billiter, Matthew	Coleman, Brian	Ladson, Jack
Chin, Bennett	DePew, Chuck	
Esker, Steve	Drusda, Jeff	
Mulholland, Bruce	Figaniak, Jim	
Prosapio, Alex	Gehres, Chirstine	
Ryan, Mark	Heitzman, Scott	
Stubbs, TJ	Iannuzzi, George	
Tanner, Tony	Landazuri, Mercedes	
Tyler, Mark	Onar, Unur Ege (Edgar)	
	Puckerin, Betty	
	Singleton, Cory	
	Smeltzer, Ann	
	Treat, Cheryl	
	Williamson, Kimberly	

Upcoming Autumn, Board Meeting:  
 Tampa Marriott Water Street, 505 Water Street, Tampa, FL 33602  
 September 26<sup>th</sup>, 2024

**Tuesday, August 6<sup>th</sup>, 2024**

The meeting was called to order at approximately 8:06 AM EST by Chair George Iannuzzi

There were twenty-seven (27) board members present, eleven (11) in-person and sixteen (16) virtually. Three (3) board members absent.

Opening Remarks and SPE Anti-Trust Statement were read as follows by George Iannuzzi:

**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 George Iannuzzi welcomed the group.

Attendance recorded by Tony Tanner.

### **Secretary's Report** – (TJ Stubbs/Tony Tanner)

- Spring meeting minutes submitted via email; no adjustments needed.
  - Motion to approve – 1st Scott Aumann, 2nd Doreen Becker
  - Spring meeting notes approved (27 ayes, 0 nays).

### **Treasurer's Report** – (Bruce Mulholland)

- FY23/24 Treasures Report and Annual Report reviewed (FY ended at end of June 2024)
  - Motion to approve FY23/24 Annual Report – 1<sup>st</sup> Christine Gehres, 2<sup>nd</sup> Mercedes Landazuri
  - FY23/24 Annual Report approved (27 ayes, 0 nays)
- Total assets of the division: \$1.3 million
- Annual report for fiscal year July 1, 2024 to June 30, 2025 discussed
  - FY24/25 Proposed Budget was reviewed
    - Changes made to endowment fund up to \$50,000
    - Motion to approve FY24/25 Proposed Budget – 1<sup>st</sup> Tony Tanner, 2<sup>nd</sup> Scott Aumann
    - FY24/25 Proposed Budget was approved (27 ayes, 0 nays)
  - Proposed budget of \$109,000 for board expenses
  - Discussion on increasing scholarship amounts
    - Proposal to increase maximum scholarship amount from \$4,000 to \$10,000
    - Debate on whether to give fewer, larger scholarships or maintain current approach
    - Discussion on attracting more applicants and supporting plastics industry
    - Consideration of changing application window timing
    - Formal proposal for scholarship changes to be discussed at winter meeting
  - Modified budget approved

### **Councilor's Report** – (Doreen Becker)

- Doreen provided a brief council report and noted administrative adjustments regarding counselor roles.

## **Committee Reports:**

### **Site & Services Committee** – (Mark Tyler)

- No report to submit currently
- Report on 2025 RETEC Location Updates
  - Charlotte as current location is in jeopardy of not being ready
  - Alternate sites considered as follows:
    - Cleveland
    - Kansas City
    - St. Louis
    - Orlando
    - Detroit
  - Cleveland recommended as new site for 2025 RETEC moving Charlotte to 2028
    - M. Tyler (1<sup>st</sup> motion for approval)
    - B. Mulholland (2<sup>nd</sup>)
    - Cleveland chosen as new site for 2025 (27 ayes, 0 nays)
  - Need to consider contingency plans

## CAD Conference Committee – (Jeff Drusda)

- RETEC Checklist/Guidelines
  - Draft format will be ready at Fall Meeting
- RETEC History income/expense report
  - Highlights of 10 ten expenses from last 5 RETECs
  - Will confer with Bruce to better understand expenses

## Technical Program Committee – (Alex Prosapio)

### White paper vs presentations for RETEC

- Favorable results with the option of not having to write and submit a white paper for RETEC.
- Though not eligible for Best Paper Award, it was easier to solicit papers for RETEC.
- 7 presentations and 9 white papers for 2024 Tampa RETEC.
- Hopefully this will facilitate the ease of filling up the program schedule for future RETECs.

## Communications Committee – (B. Puckerin)

### Website (Jeff Drusda)

- Election Pages – done, 5/19
  - Home Page Slider updated with Election status (closed), then removed
  - Winners posted on Election page
  - Updated Executive Committee, Councilor, Director's page
  - Added updated CAD Operating Rules to toolbox
  - Added updated BOD History spreadsheet to toolbox
  - Added CAD BOD Spring Meeting Minutes
- Scholarship Page
  - 2024-2025 application closed 6/24/24, site pages updated, links removed
  - Slider removed from Home Page Slider
  - 2024 Scholarship Winners – list pending
- Councilor Page
  - Need any copies of SPE Council meeting minutes (from CAD Councilors)
- Newsletter
  - Home Page, Newsletter Page updated with 2024 summer Issue
  - 2024 summer Issue PDF, flip book link added
- Podcast Page
  - Build still in progress (refining appearance)
  - File Uploads – increased to 25 MB
  - Twitter/X Feed Scroller – Added X widget, need to test
  - Website galleries - WIP
- RETEC – updated as details come in
  - Countdown timer added to home page under mission statement
  - Issues setting up the sponsor slider
  - Updating the NTF contact form generated an error that will not allow changes. Need to follow up with 7th level. Jeff rechecked the forms this morning and they were working. I was able to update the NTF contact.

### Remaining Action Items

- Conference Toolbox - arrange meeting after RETEC (October timeline)
  - Get feedback from Alex
  - What tools we need to have to choose best way to proceed

- Complete archive of past Newsletters

#### Newsletter (Mark Tyler)

RETEC	9/11/2024	9/18/2024
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- RETEC issue: program, sponsors, exhibitors, golf outing, information specific to RETEC, color tutorial, panel discussion
  - Updated program and registration - Betty
  - Updated sponsor page - Bruce
  - Technical content - Scott
  - Cory will provide a question and answer for Newsletter

#### eBlasts (George Iannuzzi)

- George submitted an eBlast announcing the registration extension to Sep 6 for the general admission. It will be posted on Aug 8.

#### Social Media (Mercedes Landazuri)

- Registration extension will be promoted in X (Twitter) and LinkedIn

#### Education/Technical Resource Committee – (B. Coleman)

- The Education committee was unable to meet prior to the summer BOD meeting due to travel issues.
- The committee remains focused on converting our educational presentations to a format that is accessible and encourages viewer engagement with the Color & Appearance division.
- Since the last report, Jack Ladson has provided a completed chapter of his Color Science section for review. The chapter includes 4 slides that are narrated and advanced automatically in PowerPoint. This chapter is one of six covering the basics of Color Science. Jack has also written the verbiage for the entire Color Science section and has annotated all of the slides.
- The completed chapter will be distributed to the Education committee within the week for review and feedback.
- Depending on feedback from the committee, a portion of a chapter may be presented to the entire BOD at the fall meeting.

#### Sponsorship Committee – (Cheryl Treat)

- RETEC 2024 Tampa
  - 5 Platinum Sponsors: Milliken, Shepherd Color, Liberty, Sudarshan, Sun Chemical
  - 8 Gold Sponsors: Chroma, Royce, Torrecid, EMD, Trustchem, Tomatec, Vivify, Eckart
  - 5 Silver Sponsors: Buckeye Coor, Cinic, Spectra, Lanxess, Celanese
  - For a total of \$60,000 USD
- Trustchem is considering moving from Gold to Platinum.
  - Update= 08/07/2024 = Trustchem has decided to stay Gold.
- Fun Run – Donations to be made to: Heidi's Legacy Dog Rescue:
  - <https://www.heidislegacydogrescue.com/>
  - Amanda Scott, President/Treasurer of Heidi's Legacy will be attending the awards ceremony to receive the donation.

- Two main operational volunteers are checking their schedules and may attend: Kelly Van Nevel and Kerri Chen.

**Endowment Committee** – (Ann Smeltzer)

- Follow up on earlier discussion for scholarships
- 2024 scholarship winners
  - \$1,500-\$4,000 per recipient (\$30K total)
  - 6 repeat, 5 new
  - 6 women, 5 men
  - 10 different states
- Will show winners videos at awards luncheon 2024 RETEC
- B. Mulholland mentions that we used to donate to Terra Tech.; he is expecting a \$61K refund with program closure
  - These funds will go directly into the endowment fund

**Awards** – (Kimberly Williamson)

- Winner chosen for Outstanding Paper Award.
- Terry Golding recipient definition as well.
- Both will be acknowledged at the Awards luncheon at RETEC. ‘
- Honored Service Member application on track.

**Election Committee** – (George Iannuzzi)

- Onar, Unur Ege (Edgar) w/ Mine Colours elected to board; will be mentored by J. Figaniak

**Membership Committee** – (J. Ladson) (READING BY G. Iannuzzi)

The July 23, 2024, report from the SPE Membership DB indicates 423 members in our Color and Appearance Division. The membership consists of the following:

<b>Membership Class</b>	<b>21-Jan</b>	<b>22-Jan</b>	<b>23-Jan</b>	<b>24-Jan</b>	<b>23-Jul-24</b>
<b>Distinguished</b>	1	1	1	1	1
<b>Emeritus</b>	23	28	28	29	29
<b>Professional</b>	436	385	400	366	326
<b>Student</b>	47	24	18	13	34
<b>Young Professional</b>	35	44	35	33	33
<b>TOTAL</b>	<b>542</b>	<b>482</b>	<b>482</b>	<b>442</b>	<b>423</b>

Introduction:

This report analyzes the membership trends across different classes from January 2021 to July 2024. The data represents the members of each class.

**Membership Classes:**

1. Distinguished
2. Emeritus
3. Professional

4. Student
5. Young Professional

**Data Analysis and Comments:**

1. Distinguished:

- One member was consistently in the Distinguished class from January 2021.

2. Emeritus:

- The Emeritus class holds 29 members.

3. Professionals:

- The Professional class has the highest number of members among all classes. There was a decline in membership from January to May, dropping from 366 to 326 members. This decrease may warrant further investigation into potential reasons for attrition within this category.

4. Students:

The Student class shows a significant increase to 34 from 13. CONGRATS to all involved. This is Great news

5. Young Professionals:

- The Young Professional class holds 33 members.

**Overall Trends:**

- The total membership declined from 442 to 423 from the last reporting period. This represents a loss of ~ 4% of our membership since the previous reporting period! The Membership committee recommends that the Executive Team and the BOD develop a plan to reverse this downward trend.

The Chair of the Office of Membership has not issued correspondence since our last report.

**Color Advisory Group** – (J. Ladson) (READING BY G. Iannuzzi)

**AIC:**

The conference Theme is Color Design, Communication, and Marketing. The conference program dates are 17 – 19 September and 16 September for Workshops 2024, when it is Spring in São Paulo, Brazil. The conference chairs are Paula Csillag (ESPM and ProCor), Cristina Helena de Mello (ESPM), Vien Cheung (Univ Leeds), Carol Bustos (ESPM), and Ricardo Zagallo Camargo (ESPM).

**ASTM - E12 Color & Appearance:**

I would also like to inform everyone to be on the lookout for someone interested in leading the new work item WK77169, “New Practice for Measurement of Fluorescent Materials Using Hemispherical Geometries.” The current recommendation (in E991-21) is to use either the 45:0 or 0:45 geometry, but spherical geometry is more common in the textile and paper industries. The problem to resolve is that, in a spherical device, there is a certain amount of “re-illumination,” where light reflected from the sample illuminates the sphere's interior and subsequently provides additional illumination to the sample. If you understand why the difference in the spectral signature between the initial illumination and the re-illumination might be a problem, you might be a candidate to lead this work item! Contact Jack Ladson, Chair E.12.05 Fluorescence, Jack.Ladson@Gmail.com, +1-267-981-7112, if you fit the bill.

**The next Color & Appearance Meetings are outlined below.**

Title: E12.10 Retroreflection

Dates: Wednesday December 11, 2024 - Thursday December 12, 2024

Location: Renaissance Orlando at SeaWorld, 6677 Sea Harbor Dr, Orlando, Florida, United States of America

Event Name: December 2024 Committee Week

Title: Color and Appearance

Dates: Wednesday January 29, 2025 - Thursday January 30, 2025

Location: ASTM International Headquarters, 100 Barr Harbor Drive, West Conshohocken, Pa

Event Name: E12 January 2025 Meeting

## ASPRS, American Society for Photogrammetry and Remote Sensing: No announcements

### CIE:

There is no meeting announcement at this time for 2024.

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). It was created in June 2022. The committee currently consists eight members representing national metrology institutes and three instrument manufacturers. Are you interested in joining the committee? Right now, we need members who have time to start drafting the revisions.

### ISCC:

#### August Colorful Connections

When: 22 Aug 2024  
12:00 PM - 1:00 PM  
Location: Virtual  
Status: OK  
Registered: 449/450  
Registration  
Attendees  
Register



Colorful Connections is a community of professionals and enthusiasts in the field of color management, color science, and color technology. Discussions are open and independent of attendees, and are moderated and moderated. To learn more about the community, visit the website at [colorfulconnections.com](#). Colorful Connections is a 501(c)(3) non-profit organization. All rights reserved. © 2024 Colorful Connections. All rights reserved. All rights reserved.

## ECVP - European Conference on Visual Perception:

The annual meeting will be held on August 25-29 in Aberdeen, Scotland.

## 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.
- [IES24 The Lighting Conference](#)
  - IES' annual conference, IES24: The Lighting Conference, is the preeminent conference for all things lighting, from research to design to technology and more—a true state-of-the-art industry event. NYC, NY, August 15, 2024 - August 17, 2024

## LightFair:

Annual Meeting will be held from May 4<sup>th</sup> to 8<sup>th</sup> in Las Vegas, NV is CANCELLED. Moving to a bi-annual affair. Stay tuned.

## IS&T- Electronic Imaging:

CIC 32 Color & Imaging Conference. Montreal, Canada Oct 28 to Nov 1



<b>May 20</b>	IS & T Color Imaging Conference 32 Call for papers for journal <a href="https://www.imaging.org/IST/IST/Conferences/CIC/CIC2024/CIC_Home.aspx">https://www.imaging.org/IST/IST/Conferences/CIC/CIC2024/CIC_Home.aspx</a>
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**CORM – Council on Optical Radiation Measurements:**

**JOINT CIE-USNC & CORM CONFERENCE**

**Save the Dates: November 12 - 14, 2024**

The joint United States CIE National Committees and the Council for Optical Radiation Measurement (CORM) will be held virtually on November 12 to 14, 2024.

We invite abstract submissions for oral presentations covering any topic related to optical radiation, light, lighting, and vision. including but not limited to

**SID:**

Stay tuned for SID 2025

**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 Schools:**

- 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

**International** – (C. Gehres)

- No new business.

**Old Business:**

Old Business from Past Meetings	Assigned to	Due	Status
Work with Technical Committee to solicit student papers/poster session for RETEC 2024	Tony Tanner	Spring 2024	Closed
Create committee for brainstorming how to solicit papers from college students	A. Smeltzer	Spring 2024	Update at Fall
Reach out to local universities to increase interest in attendance to RETEC in Tampa; send flyers if interest found	A. Smeltzer	Spring 2024	Closed
Have a strategic planning discussion about future sustainability of CAD division.	A. Prosapio (Moved to G. Iannuzzi & B. Mulholland)	Winter 2025	Update at Winter

Work on creating a survey to understand what our division wants from us.	TBD	Fall 2024	Update at Fall
How can we, as an organization, be more colorful? Or celebrate us better for our success?	S. Aumann	Fall 2024	Ongoing

**New Business**

- **Changes to scholarship**
- **Ops Policy**
- **Terra Tech**
- **Purchase OWL**
  - B. Mulholland 1<sup>st</sup>
  - D. Becker 2<sup>nd</sup>
    - Approved (27 ayes, 0 nays)
  - M. Tyler to maintain

**Motion to adjourn.**

- 1<sup>st</sup> - George Iannuzzi
- 2<sup>nd</sup> – Mark Ryan
  - Meeting Adjourn- Passed
- Approved meeting ended 10:48AM

Minutes Respectfully Taken by:  
Tony L Tanner  
CAD Board of Directors Secretary