



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

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Date:	July 30, 2014 Board of Director's Meeting
Location:	Westin, Indianapolis Indiana

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**Attendance**

**Present:**

**Absent:**

Aumann, Scott	Mullins, Brenda	Becker, Doreen
Balthazar, Earl	Phillips, Tracy	Bykowski, Paul
Bodi, Alan	Puckerin, Betty	Davis, Sandra
Button, Hal	Rachal, Tom	Drusda, Jeff
Chirayil, Tom	Rediske, Jim	Ehr, Sharon
Esker, Steve	Treat, Cheryl	Freshwater, Mark
Figaniak, Jim	Tyler, Mark	Goldstein, Steve
Heitzman, Scott	West, Brian	Karszes, Nathan
Ladson, Jack	Zillitto, Pete	Lavieri, Frank
Mulholland, Bruce		Przybylski, Jamie
		Rangos, George
		Reid, Austin
		Reid, Sharyl
		Smeltzer, Ann

**Upcoming Board Meetings:**

Fall Meeting

New Orleans Marriott  
Retec

Sept, 2014  
8:00 am

**Wednesday AGENDA – Capitol 3**

Breakfast will be served at 7:00AM

*Note: Breakfast is available from 07:00 to 09:00.*

*The meeting begins at 08:00*

*Lunch will be adjusted to meet our schedule.*

*If any changes are needed in the agenda, please contact Betty Puckerin*

**Meeting Courtesy – Please give speakers the same courtesy you would expect.**

- **No sidebar conversations when others are speaking to the group.**
- **Cell phones on vibrate or silent.**
- **Laptops / Notebooks allowed for note taking**
- **No E-Messages via any electronic devices unless relevant to the topic being discussed.**

**BOARD OF DIRECTORS MEETING**

- Welcome, Introductions, Opening Remarks, Announcements – Betty
- SPE Anti-Trust Statement – Betty
- Secretary's report – Cheryl
- Treasurer's Report- B. Mulholland
- Councilor's report – S. Davis

**Committee Reports:**

- **Technical Program**
  - **ANTEC** Technical Program Committee –Austin (Bruce)
    - ANTEC 2014 (Vegas) – Doreen, Sharyl
    - ANTEC 2015 (Orlando) – TBD
    - ANTEC 2016
  - **RETEC** Technical Program Committee – Jim
    - RETEC 2014 (New Orleans) – Earl
    - RETEC 2015 (Indianapolis) – Scott/Betty
    - RETEC 2016 (Tampa) – Scott Aumann
- **Communications** – Tracy
  - **Website/Internet** – Tracy
  - **Newsletter** – Tracy
- **Education/Technical Resource** – Bruce, Jack
  - **Terra** - Jack
  - **Book Volume 2** – Bruce
- **Endowment** – Tom Rachal
- **Awards** – Tom
  - **HSM / Fellow / OA** - Tom
  - **Pinnacle Award** – Jeff

- **Communications Excellence Award** – Brenda
- **Membership** - Jack
  - **Public Interest** – Betty
- **International** - Brian
- **Color Advisory Group** – Brian
- ✓ **Old Business – All**
  - Action Items – All

Action Item List Reviewed in Summer Board Meeting

- ✓ **New Business – All**
- ✓ **Next Meeting – Betty**

**END OF CAD BOARD MEETING**

Action Item List Reviewed in Spring 2014 Board Meeting

<b>From Jan 2014 Meeting</b>	<b>Assigned to</b>	<b>Due</b>	<b>Status</b>
Obtain update on new website from Jeremy Hodge	Tracy Phillips	ANTEC 2014	Open
Establish committee membership for ANTEC 2016	Austin Reid	ANTEC 2014	Open
Select Chair for Technical Content Review Committee	Ann Smeltzer	ANTEC 2104	Open
<b>From Fall 2013 Meeting</b>	<b>Assigned to</b>	<b>Due</b>	<b>Status</b>
Talk to Jaimie Gomez about new website structure	Tracy Phillips	ANTEC 2014	Open
Find alternative website builders	Tracy Phillips	ANTEC 2014	Open
Review next course "Specifications and Test Methods For Colorants" and provide feedback to Steve Goldstein	All Board Members	ANTEC 2014	Open
<b>From Summer 2013 Meeting</b>	<b>Assigned to</b>	<b>Due</b>	<b>Status</b>
Develop detailed proposal for online archiving	Archive Subcommittee	ANTEC 2014	Open
Write letter to SPE opposing elimination of member number	Jack Ladson	RETEC 2013	Closed
<b>From Spring 2013 Meeting</b>	<b>Assigned to</b>	<b>Due</b>	<b>Status</b>
Apply for Trademark of CADNEWS	Bruce Mulholland	Winter 2014	Closed
<b>From Fall 2012 BOD Meeting</b>	<b>Assigned to</b>	<b>Due</b>	<b>Status</b>
CAD Course in Portuguese	Brian West	Fall 2014	Open
<b>From Winter 2012 BOD Meeting</b>	<b>Assigned to</b>	<b>Due</b>	<b>Status</b>
Present Voice of Consumer questions and list of interviewees and propose method of implementation	Betty Puckerin	Winter 2014	Closed

## MINUTES of the July 30, 2014 CAD BOD MEETING

### Welcoming & Opening Remarks – Betty Puckerin

Betty welcomed the group

### SPE Anti-Trust Statement – Betty Puckerin

Betty reviewed the Anti-Trust statement with the participants:

**The meeting referenced above 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**

### Secretary's report – C. Treat

Cheryl asked if anyone had any revisions to the April 29, 2014 BOD meeting minutes. A motion was made by Earl Balthazar to approve the minutes and seconded by Jim Figaniak (all approved). The Spring 2014 Meeting minutes will be filed and a copy sent to SPE. The mailing list and committee membership lists were circulated for corrections.

### Treasurer's report – B. Mulholland

Bruce distributed the following documents. These are all included as Appendix A and B.

- Treasurers report – June 30, 2014
- Annual Budget July 1, 2013 to June 30, 2014

A motion was made by Jack Ladson to approve the minutes and seconded by Tom Rachal (all approved).

**Councilor's report** – Sandra Davis not present - No update, since Antec 2014

**Next Council meeting:** September 13-14, New Orleans, LA

Betty Puckerin stated that Sandy's term as the Council chair will end soon. The CAD Board will need to decide at Winter 2014 meeting who in our group will be the new chair person.

Please consider now who you would like to elect.

Qualifications = Must be in the division and in good standing. Some travel is required with this seat.

### **Committee Reports – Jim Figaniak**

RETEC 2013 New Orleans Sep 15-16, 2014 - Earl: Earl will give a more detailed report, but the conference planning conference calls have begun. The hotel is now accepting reservations.

RETEC 2014 Indianapolis Oct 5-6, 2015 - Scott H. and Betty - Westin Hotel contract is signed and ready to go. Additional rooms for the BOD have been added to the room block, and this is the model going forward until it needs to be adjusted again. I think that Betty or Scott have recently met with the hotel. We are ready to start taking volunteers for the various committees, but certainly by the 2014 RETEC we would like to know.

RETEC 2015 - Jacksonville Sep 12-13, 2016 - Scott A. - Sawgrass Marriott Golf Resort and Spa - Contract is signed. A room rate of \$179 was secured. The hotel has been very accommodating.

#### • **Technical Program**

- ANTEC Technical Program Committee – Austin Reid not present, report given by Bruce Mulholland
  - ANTEC 2015 (Orlando) – B. Mulholland/A. Reid
    - March 23-27 - No updates. Committee will start soliciting for papers after Papers selection for RETEC has been completed.
    - Bruce will give two key note papers and Steve to give one key note papers.
  - ANTEC 2016 – (Indianapolis)
    - May 23-25
    - Technical Program Chairs are Tom Chirayil and Brian West
  - ANTEC 2017 – Anaheim, CA
    - Technical Program Chairs are Pete Zillitto and Jim Figaniak
- RETEC Technical Program Committee – J. Figaniak
- RETEC 2014 (New Orleans) – E. Balthazar/M. Freshwater
  - Filling up on Friday and Wed. Will try to expand block
  - Scheduled meeting with event manager and housing coordinator May 15
  - Options for receptions offsite, but decision made to have reception on site from 6 to 8

- Recommendation for future hotel contracts – require hotel to notify in writing of any other groups contracting at hotel.
- Technical Program – In much better shape leaving antec than coming
- Giveaway power charger and lapel pin
- Framed prints and emergency radios as speaker gifts
- Two additional conferences will run concurrently (TPO and Thermoforming)
- Next go to meeting will take place last week in May
- RETEC 2015 (Indianapolis) – B. Puckerin/S.Heitzman
  - Slogan is “Winning With Color”. Betty and Scott are working on the logo.
  - Scott Heitzman to talk with hotel to open more rooms in the block.
  - Scott will also have hotel to hold 33 rooms for board members use only and then open unused rooms to the general Retec attendees closer to Retec date.
  - Room Block chairperson added – Scott Aumann
  - ISCC has asked our group to hold a joint conference, more discussion is needed at Fall meeting.
- RETEC 2016 (Florida) – S. Aumann/M.Tyler
  - Contract has been signed
  - Hotel has 350 rooms plus additional outside rooms
  - Group shuttle from airport to hotel is being investigated and reviewed by Scott.

#### **Site and Theme – Jim Figaniak**

- Request for Volunteers to review hotels in Milwaukee for Retec 2017 - Bruce, Jim and Cheryl Volunteered.
- 2018 Retec location still open, options include Denver and Marco Island. Mark and Thomas to review location options once a location has been selected.
- Betty will add a question (what Retec location would you like to see in 2018) on the survey during Retec 2014 New Orleans.
- Jim to send to volunteers the hotel requirements to help with location scouting.

## **Communications Committee - T. Phillips**

### **Website/Internet - T. Phillips**

SPE website guidelines require that groups post 5 directors with contact info from the 4spe.org website. Tracy will send out an email to confirm with the board who these 5+ will be and relay that information to SPE.

### **SPECAD.ORG Site Redesign – Wordpress Platform:**

Subcommittee: Tracy Phillips, Brenda Mullins, Jeff Drusda, Betty Puckerin, Tom Chirayli

SPE rules and preferences about branding, logos and hosting were clarified since the last meeting and we are good to proceed with our website redesign.

We compared services versus cost from E-Xyn.com (incumbent), Omnipress, [web.com](http://web.com), [godaddy.com](http://godaddy.com), [homestead.com](http://homestead.com), and Wordpress Learning Center (<http://www.wp-learningcenter.com/>)

Per the action items, Tracy Phillips presented a recommendation to the board that we have Wordpress Learning Center's Design group help us with our web redesign, creation, and associated training. WLC offers the benefits of customization assistance, training and troubleshooting resources, and enhanced site security. They are able to help with the building of the site and then offering training for ongoing maintenance. Their preliminary estimate for building and maintaining the site are similar to what we have historically paid. The board agreed with this recommendation.

Next steps on the project are to finalize the design and features needed for the site, request a formal quote from WLC. As long as the quote comes in around \$10,000 as expected for the work, we will proceed. Ideally, we would have a new site ready to launch by the end of 2014. The new site will be similar to the new 4spe.org size in look and functionality creating a visual relationship to the 4SPE.org parent site.

### **ARCHIVE DVD:**

Subcommittee: Tracy Phillips, Sharon Ehr

Omnipress's latest quote for archive hosting is \$9080 for set up and 1 year of hosting and includes multi user names/pw and ecommerce capabilities. Continuing 12 mo hosting is \$2900.

We will putting this project on hold while we focus on the website redesign and launch. Solutions/alternatives may become apparent as we work more with WPLC.

### **SOCIAL MEDIA COMMUNICATION CHANNELS:**

LinkedIn – currently, CAD has 927 members, up 29 since April. We need to identify a champion for Linked In so that regular updates are made. We need to update the logos.

Facebook –There are 49 followers of the SPE CAD page, up 2 from April 2014 . We need a champion. We need to update the logos.

Twitter – has 100 followers, up 2 since April 2014. 157 tweets have been posted to date. NAME: SPE CAD HANDLE: @CADRETEC. We need a champion. We need to update the logos.



## **Annual Communications Plan**

Thanks to Jeff Drusda who has taken our annual communications plan and has started a new reminder process where the plan is reviewed and reminder emails are sent as appropriate.

### **Elections:**

We will revisit our online balloting process when we redesign the website. We want to capture analytics on who is opening/received the ballots vs number of people voting. The goal is to get more participation by voters in future elections.

The new website redesign may be easier to incorporate this need rather than a 3<sup>rd</sup> party like constant contact. We will investigate as part of the redesign.

### **Newsletter** – Tracy Phillips for J. Przybylski

The next CAD Newsletter will be issued as soon as possible in August. Pete Zillito has agreed to guest editor the issue. Newsletter will be both electronic and print and will focus on the promoting CAD RETEC and ANTEC 2015 call for papers.

### **Communications Excellence Award – Tracy Phillips**

Need a volunteer to complete the 2014 application by December 31<sup>st</sup> at the CAD RETEC board meeting

Tracy Lynn Phillips

### **Education Committee** – S. Goldstein not present, report given by Bruce Mulholland and Jack Ladson

Bruce stated that with the passing of Bob Charvet he will review and take the lead on the book that Bob was publishing. Bruce to review what chapters where left to be written.

Jack reviewed and compiled all the colleges that currently have plastics and color programs.

### **Appendix E**

**Endowment Committee** – G. Rangos not present, report given by Tom Rachal

Fifteen applications were received by the June 2<sup>nd</sup> deadline. Of the 15 applicants, three had submitted applications last year. Of the 15 applicants, five are related to current Board members, seven are high school graduates, and one is a current graduate student. Three females and twelve males applied. Each application was evaluated and scored independently by each committee member and the results then aggregated. A conference call on July 2<sup>nd</sup> determined to whom and in what amounts awards would be made. Three \$4,000 full scholarships and ten partial scholarships ranging in value from \$3,000 to \$1,000 were awarded. Two applicants received no funds. A total of \$31,000 was awarded.

The recipients, their academic level for the 2014-2015 school year, their intended major, and their institution of higher learning are (in alphabetical order):

Aarti Arora – freshman- Boston University – chemistry and archeology  
Greg Aumann – freshman- University of Florida- mechanical engineering  
Samuel Foster – freshman- Akron University- chemical engineering  
Christopher Gabrielson – freshman- Winona State – composite mat’ls engineering  
Anvit Gupta – grad student- U Mass-Lowell – M.S. Plastics Engr – Gary Beebe memorial

award

William Guzman – senior-Texas A&M – chemistry  
Dominic Milano – sophomore – Michigan State – chemistry - Jack Graff memorial award  
Christopher Mullins – junior – Univ of Southern Mississippi – chemistry  
Brittany Ochs – junior – Penn State University, Behrend – plastics engineering technology  
John Przybylski – senior- Bowling Green – computer science – Robert Charvat memorial

award

Bryan Pinner – freshman- Louisiana State University – chemical engineering  
Keith Shanter – senior – Penn State University, Behrend – plastics engineering technology  
Jamie Tyler – freshman- Kent State University- interior design.

Tracy would like a list of past recipients for historical record.

**Awards Committee** – Tom Rachal

Roger will be receiving the Terry Golding Award

Sandy is receiving the Best Paper Award from RETEC 2013

- Tom would like volunteers to review and grade papers and presentation’s at Retec 2014, Please see Tom to volunteer.

**Membership Committee** - J. Ladson

814 members in CAD at this date.

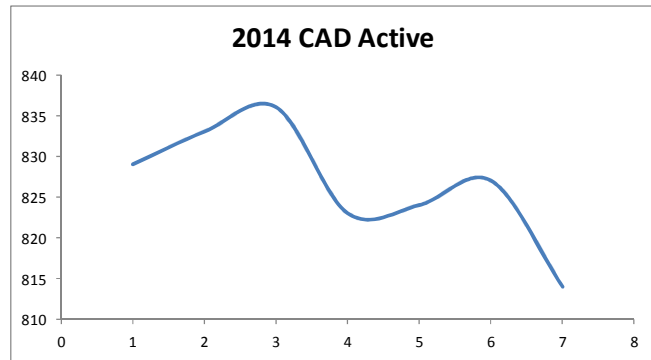
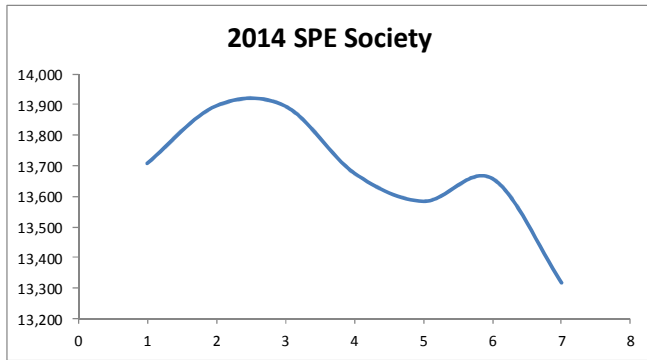
Jack will generate report to reflect CAD membership for post card mailing list.

**SPE Membership Report CAD D21 Color and Appearance**

From the AVECTRA DB here is the Division data report ending 30JUN2014.

Note that the slopes of these curves are similar to one another and

	SPE and CAD MEMBERSHIP								
	2013		2014						
	APR	JUL	JAN	FEB	MAR	APR	MAY	JUN	JUL
<b>SPE Society</b>			13,708	13,896	13,895	13,676	13,584	13,658	13,318
<b>CAD Active</b>	593	857	829	833	836	823	824	827	814
<b>New members</b>	4	-	3	-	-	1	4	10	1
<b>Lapsed Members</b>	21	328	161	167	68	70	80	66	81



They are descending. The curves fit a 5<sup>th</sup> order polynomial but I am not sure that is meaningful.

Respectfully submitted,

*Jack Ladson*

Chair, Membership Committee

**International Committee** – B. West

Conference in Mumbai India is Dec 10 thru Dec 12 2014

ACE is in Barcelona February 23, 2015

Antec – Brussels Germany Sept 3, 2015

Tutorial – Spanish update is now completed and will be posted in our SPE CAD tool box.  
Next language will be Portuguese and Jack to help translate into Japanese.

Goal is to have Portuguese version completed next, but it's not due until later this year.

**Color Advisory Group** – J Ladson Appendix C

**Old Business** – All

Action items as noted in Appendix D

**New Business** – All

Location and date of next meeting will be determined at a later date..

Steve suggested discounted fees for multiple attendee discounts for RETEC. Consensus is that it is too late to consider for 2014 RETEC. We will evaluate attendance of 2014 RETEC vs Hotel Room Block. This subject can be discussed for future RETECs.

Scott proposed increasing silver sponsorship from \$1000 to \$1250 so that it is 50% of gold starting with 2015. Motion made Betty then seconded by Brian.

Bruce – Bruce distributed an email from the ISCC regarding recent changes in by-laws.  
Specifically:

*ISCC asks member bodies:*

- *to provide current liaison contact information and to keep ISCC informed about your activity, so that we may promote it in the ISCC Newsletter and website.*
- *to promote ISCC activities of interest to your members*

Jack discussed extending color education program beyond Terra Tech. Jack has compiled a summary of colleges which offer color courses. Jack would like to submit a proposal at next meeting. See Appendix E.

A motion to adjourn the meeting was made by Earl with Tom seconding. All approved and the meeting closed.

Minutes respectfully submitted,

Cheryl Treat

Secretary, CAD BOD

**Appendix A (Treasurer's Report)**

**Color and Appearance /SPE**

Treasurer's Report

June 30, 2014

TOTAL BEGINNING BALANCE as of 03/31/14 \$ 189,453.71

Deposits:

Source	Type	Amount
FifthThird Bank	April interest	\$ 0.17
FifthThird Bank	May interest	\$ 0.18
FifthThird Banlc	<b>June interest</b>	\$ 0.17
Vanguard	Q4 2013	\$ 351.49
Vanguard	Q1 2014	\$ 354.12
Vanguard	Q2 2014	\$ 356.78
Society of Plastics Eng	Q1 2014 rebate	\$ 823.13
Society of Plastics Eng	Q2 2014 rebate	\$ 823.13

TOTAL DEPOSITS \$ 2,709.17

Expenses:

Check#	Assignee	Purpose	Amount
DC	UPS Store Las Vegas	Copies	\$ 16.22
DC	Hospitality Kiosks	Copies	\$ 7.50
DC	Projection Video	ANTEC BOD Meeting	\$ 380.00
656	<b>Doreen Becker</b>	ANTEC Speaker Gifts	\$ 513.00
DC	Hobby Lobby	frame for award	\$ 8.47
DC	Rio Banquets, Las Vegas	ANTEC BOD Meeting	\$ 1,469.63
DC	Rio Banquets, Las Vegas	ANTEC BOD Meeting	\$ 1,899.64
	Peacock Graphics	Winter & Spring Newsletters	\$ 2,275.00
	e-xyn	2014 Web Hosting	\$ 2,826.65
	e-xyn	Website Re-design Payment 2	\$ 2,221.73
	Various schools	Scholarships (2014-15)	\$ 31,000.00
	Merchant fees		\$ 80.02

TOTAL EXPENSES: \$ 42,697.86

TOTAL ENDING BALANCE: \$ 149,465.02

PENDING EXPENSES:

None \$

BALANCE AFTER PENDING EXPENSES: \$ 149,465.02

**Endowment Fund Balance** \$ 429,139.40 as of 06/30/2014

Respectfully submitted by Bruce Mulholland  
CAD Summer BOD Meeting – July 30, 2014

Total assets: \$ 578,604.42  
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**Appendix B (Treasurer's Financial Report)**

**\* BOD Only Money Information Only \***

**Annual Financial Report for Period Beginning July 1, 2013 to June 30, 2014**

Starting Balance on July 1st (cash, checking, savings, investments)	(1)	\$0.00	\$0.00	
<b>INCOME</b>				
		<b>Actual</b>	<b>Budget</b>	<b>Variance</b>
SPE Rebate	(2)	\$ 3,653.76	4,000.00	(346.24)
Interest & Dividends	(3)	\$ 1,413.25	650.00	763.25
Monthly Meetings	(4)		0.00	0.00
Board Meetings	(5)		0.00	0.00
RETEC Receipts	(6)	\$ 70,290.18	55,000.00	15,290.18
Educational Programs	(7)		0.00	0.00
Newsletter/Web-site Sponsorships	(8)	\$ 1,255.00	5,000.00	(3,745.00)
Holiday Party	(9)		0.00	0.00
Golf Outing	(10)		0.00	0.00
Spouses Night	(11)		0.00	0.00
Contributions	(12)		0.00	0.00
Other: Miscellaneous	(13)	0.00	0.00	0.00
Other: Endowment fund market fluctuation	(14)	0.00	0.00	0.00
Other: CAD Store/other	(15)	525.00	0.00	525.00
<b>Total Income (add lines 2-15)</b>	<b>(16)</b>	<b>\$77,137.19</b>	<b>\$64,650.00</b>	<b>\$12,487.19</b>
<b>Total Funds Available (1 + 16)</b>	<b>(17)</b>	<b>\$77,137.19</b>	<b>\$64,650.00</b>	<b>\$12,487.19</b>
<b>EXPENSES</b>				
General Office Expenses	(18)	\$ 356.72	1,500.00	1,143.28
Monthly Meetings	(19)	0.00	0.00	0.00
Board Meetings	(20)	\$ 18,385.23	20,000.00	1,614.77
RETEC (seed money)	(21)	0.00	0.00	0.00
Educational Programs (Internet)	(22)	\$ 5,048.38	13,650.00	8,601.62
Newsletter Printing/Mailing (4 issues)	(23)	\$ 8,937.09	9,000.00	62.91
Holiday Party	(24)	0.00	0.00	0.00
Golf Outing (non-RETEC)	(25)	0.00	0.00	0.00
Awards	(27)	\$ 1,935.38	3,000.00	1,064.62
Scholarships/Grants	(28)	\$ 36,000.00	10,000.00	(26,000.00)
Donation to Endowment Fund	(28a)	0.00	0.00	0.00
ANTEC Expenses	(29)	\$ 513.00	3,000.00	2,487.00
<b>Councilor Travel</b>	(30)	0.00	1,500.00	1,500.00
Other: Student Travel	(31)	\$ 2,000.00	2,000.00	0.00
Other: Chairperson's Discretionary Fund	(32)	0.00	500.00	500.00
Other: Miscellaneous	(33)	0.00	500.00	500.00
<b>Total Expenses (add lines 18 - 33)</b>	<b>(34)</b>	<b>\$73,175.80</b>	<b>\$64,650.00</b>	<b>\$8,525.80</b>
<b>Ending Balance (Line 17 minus Line 34)</b>	<b>(35)</b>	<b>\$3,961.39</b>		
Audit Committee Attest:				
Distribution: Copy to SPE Executive Office by November 15th Copy to Section/Division Board of Directors				

Allocation of Funds on Line 35	500.00
Checking acct (A)	\$ 500.00
Savings acct (B)	\$ 49,527.95
(C)	
<b>Investments (D)</b>	\$ 47,927.45
Endowment (E)	
(F)	
<b>TOTAL (G)</b>	<b>\$149,465.02</b>
(Amount on Line G should equal amount reported on Line 35)	

## COLOR AND APPEARANCE DIVISION

### Annual Financial Report for Period Beginning July 1, 2013 to June 30, 2014

Starting Balance on July 1st (cash, checking, savings, investments)	(1)	\$478,423.14	\$478,423.14	
<b>INCOME</b>				
SPE Rebate	(2)	\$ 3,653.76	4,000.00	Variance
		<u>(346.24)</u>		
Interest & Dividends	(3)	\$ 1,413.25	650.00	
		<u>763.25</u>		
Monthly Meetings	(4)		0.00	0.00
Board Meetings	(5)		0.00	0.00
RETEC Receipts	(6)	\$ 70,290.18	55,000.00	15,290.18
Educational Programs	(7)		0.00	0.00
Newsletter/Weh-site Sponsorships	(8)	\$ 1,255.00	5,000.00	(3,745.00)
Holiday Party	(9)		0.00	0.00
Golf Outing	(10)		0.00	0.00
Spouses Night	(11)		0.00	0.00
Contributions	(12)		0.00	0.00
Other: Miscellaneous	(13)	0.00	0.00	0.00
Other: Endowment fund gain/loss	(14)	96,219.89	0.00	96,219.89
Other: Transfer in to Endowment Fund	(15)	525.00	0.00	525.00
Total Income (add lines 2-15)	(16)	\$173,357.08	\$64,650.00	\$108,707.08
Total Funds Available (1 + 16)	(17)	\$651,780.22	\$543,073.14	\$108,707.08
<b>EXPENSES</b>				
General Office Expenses	(18)	\$ 356.72	1,500.00	1,143.28
Monthly Meetings	(19)	0.00	0.00	0.00
Board Meetings	(20)	\$ 18,385.23	20,000.00	1,614.77
RETEC (seed money)	(21)	0.00	0.00	0.00
Educational Programs (Internet)	(22)	\$ 5,048.38	13,650.00	8,601.62
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Holiday Party	(24)	0.00	0.00	0.00
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Scholarships/Grants	(28)	\$ 36,000.00	10,000.00	(26,000.00)
Donation to Endowment Fund	(28a)	0.00	0.00	0.00
ANTEC Expenses	(29)	\$ 513.00	3,000.00	2,487.00
Councilor Travel	(30)	0.00	1,500.00	1,500.00
Other: Student Travel	(31)	\$ 2,000.00	2,000.00	0.00
Other: Chairperson's Discretionary Fund	(32)	0.00	500.00	500.00

Other: Miscellaneous	(33)	0.00	500.00
		<u>500.00</u>	
Total Expenses (add lines 18 - 33)	(34)	\$73,175.80	\$64,650.00
Ending Balance (Line 17 minus Line 34)	(35)	\$85,255.80	\$100,181.28

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**Section/Division**

Treasurer's Signature:

Audit Committee Attest:


Distribution: Copy to SPE Executive Office by November 15th  
Copy to Section/Division Board of Directors

Allocation of Funds on Line 35	
Checking acct (A) \$	<u>91,003.56</u>
Savings acct (B) \$	<u>10,534.01</u>
(C)	

(Amount on Line G should equal amount reported on Line 35)



## Appendix C (Color Advisory)



**ACTIVITY REPORT**  
DIVISION 1  
**VISION AND COLOUR**

COMMISSION INTERNATIONALE DE  
L'ÉCLAIRAGE INTERNATIONAL COMMISSION  
ON ILLUMINATION  
INTERNATIONALE BELEUCHTUNGSKOMMISSION

### TC's in CIE Division 1

TC1-55 Uniform colour space for industrial colour difference evaluation  
TC1-61 Categorical colour identification  
TC1-77 Improvement of the CIE whiteness and tint equations  
TC1-81 Validity of formulae for predicting small colour differences  
TC1-82 The calculation of colour matching functions as a function of age and field size  
TC1-83 Visual aspects of time-modulated lighting systems  
TC1-84 Definition of visual field for conspicuity  
TC1-85 Update CIE Publication 15:2004 Colorimetry  
TC1-89 Enhancement of images for colour defective observers  
TC1-90 Colour fidelity index  
TC1-91 New methods for evaluating the colour quality of white-light sources  
TC1-92 Skin colour database

### Terms of Reference

**Terms of Reference**

To study visual responses to light and to establish standards of response functions, models and procedures of specification relevant to photometry, colorimetry, colour rendering, visual performance and visual assessment of light and lighting.

### Range Validity CIEDE2000

**TC1-63 (C) Validity of the Range of CIEDE2000**

Established: 2001  
Terms of Reference: Terms of To investigate the application of the CIEDE2000 equation at threshold, and to CIELAB colour differences greater than 5 units.  
Chairman: Klaus Richter DE  
Members: P. Alessi US, K.R. Gegenfurtner DE, T. Holtsmark NO, M.R. Luo GB, M. Melgosa ES, Y. Nakano JP, J. Nobbs GB, C. Oleari IT, D. Rich US, J. Schanda HU, T. Seim NI, M.Vik CZ, P. Walraven NL, H. Yaguchi JP

### Colour Rendition White Light

**TC1-69 (C) Colour Rendition by White Light Sources**

Established: 2006  
Terms of Reference: To investigate new methods for assessing the color rendition properties of white-light sources used for illumination, including solid-state light sources, with the goal of recommending new assessment procedures.  
Chairman: Wendy Davis US  
Members: Richard Young US, Ronnier Luo GB, Changsoon Kim KR, Peter Bodrogi HU, Danny Rich US, Yoshi Ohno US, Ferenc Szabó HU, János Schanda HU, Emil Radkov US, Hirohisa Yaguchi JP, Peter van der Burgt NL, Boris Shugayev RU, Kenjiro Hashimoto JP, Robert Hirschler HU, Danielle Ferreira de Oliveira BR, Ian Ashdown CA, Osvaldo da Pos IT, Cheng Li GB, Andrew Jackson US, Günther Heide DE, Ronald Daubach US, Ulrich Binder DE, Werner Jordan DE, Rolf Bergman US, Peter Hanselaer BE, Klaus Richter DE, Maria Thompson US, Sophie Boissard FR, Françoise Viénot FR, Katalin Toth HU, Kevin Smet BE, Nicolas Poussier FR, Tadashi Yano JP, Andreas Kraushaar DE, Takayoshi Fuchida JP, Kevin Dowling US, Lorne Whitehead CA, Jean Paul Fressinier US, Mark Rea US

### Tristimulus Integration

**TC1-71 (C) Tristimulus Integration**

Established: 2007  
Terms of Reference: To investigate methods for computing weighting tables for the calculation of tristimulus values from abridged data.  
Chairman: Changjun Li CN  
Members: J Campos Acosta ES, M Brill US, H Fairman US, B Jordan CA, Y Ohno US, C Oleari IT, MR Pointer UK, AR Robertson CA, G Roessler DE, J Schanda HU, R Seve FR, G Wang CN

## Validity Formulae Small Colour Differences

TC1-81 (C)	Validity of Formulae for Predicting Small Colour Differences
Established:	2010
Terms of Reference:	1. To evaluate available formulae for small colour differences ( $\Delta E^* < 2.0$ CIELAB). 2. To define a visual threshold colour difference.
Chairman:	Klaus Richter DE
Members:	S Bracko SI, MR Luo GB, M Melgosa ES, G Roesler DE, T Seim NO

## TC1-82 Calculation of Colour Matching Functions as a Function of Age and Field Size

TC1-82 (V)	The Calculation of Colour Matching Functions as a Function of Age and Field Size
Established:	2010
Terms of Reference:	1. Following on from CIE Technical Report 170, to recommend a procedure for calculating XYZ-like colour matching functions from cone fundamentals, as a function of age and field size. 2. To deliver a computer programme for the calculations.
Chairman:	Jan-Henrik Wold NO
Members:	C F Andersen NO, M Brill US, Guihua Cui CN, M Fairchild US, H Fairman US, I Farup NO, C-S Lee KR, C Li CN, K Richter DE, F Viénot FR, M Withoutk BE, Y Yamuchi JP
	Proposed new member from 1 January 2014: Guihua Cui (CN)

## Age – Field Size Observer data

Jan Wold, et.al., University Buskerud and Vestfold, in TC 1-82, using the 2° Observer data based on the spectral absorbance of the cone response functions, developed a procedure for calculating the CIEXYZ Color Matching Functions as a function of age and field size. Calculations were made from:

1° to 10°

20 to 90 years.

The final report is in ballot and the computational software will be complete this year.

## Update: CIE Publication 15:2004

TC1-85 (C)	Update CIE Publication 15:2004 Colorimetry
Established:	2011
Terms of Reference:	To update CIE Publication 15:2004 taking into consideration the current CIE/ISO standards on colorimetry and the work of TC1-36 Fundamental Chromaticity Diagram with Physiologically Significant Axes
Chairman:	Janos Schanda HU
Members:	Francoise Viénot FR, Alan Robertson CA, Mike Pointer GB, Hirohisa Yaguchi GB, Ellen Carter US

**Appendix D**

Action Item List Reviewed in Summer 2014 Board Meeting

<b>From Spring 2014 Meeting</b>	<b>Assigned to</b>	<b>Due</b>	<b>Status</b>
Research other colleges and universities that offer programs related to color science, coloring of plastics, etc and make a proposal to BOD	J. Ladson	Retec 2014	Open
Review online balloting process to increase participation	T. Phillips/J. Drusda	Summer 2014	Closed
reach out to Tom Conklin at SPE for clarification on preferences and requirements for CAD web design and contact SPE for link to our site from SPE website	T. Phillips	Summer 2014	Closed
Present Options for updated website	T. Phillips	Summer 2014	Closed
Add disclaimer and rebrand first course and submit to Tracy for website	S. Goldstein	Summer 2014	Open
Tom and Scott Aumann will coordinate HSM application process with Aram	T. Rachal	Summer 2014	Open
Sponsorship Committee will review past sponsorships vs expenses and make proposal for tier revisions	S. Aumann/C. Treat	Summer 2014	Closed
<b>From Winter 2014 Meeting</b>	<b>Assigned to</b>	<b>Due</b>	<b>Status</b>
Obtain update on new website from Jeremy Hodge	Tracy Phillips	ANTEC 2014	Closed
Establish committee membership for ANTEC 2016	Austin Reid	ANTEC 2014	Closed
Select Chair for Technical Content Review Committee	Ann Smeltzer	ANTEC 2104	Closed
<b>From Fall 2013 Meeting</b>	<b>Assigned to</b>	<b>Due</b>	<b>Status</b>
Talk to Jaimie Gomez about new website structure	Tracy Phillips	ANTEC 2014	Cancelled
Find alternative website builders	Tracy Phillips	ANTEC 2014	Closed
Review next course "Specifications and Test Methods For Colorants" and provide feedback to Steve Goldstein	All Board Members	Summer 2014	Open
<b>From Summer 2013 Meeting</b>	<b>Assigned to</b>	<b>Due</b>	<b>Status</b>
Develop detailed proposal for online archiving	Archive Subcommittee	Fall 2014	Hold

Write letter to SPE opposing elimination of member number	Jack Ladson	RETEC 2013	Closed
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<b>From Spring 2013 Meeting</b>	<b>Assigned to</b>	<b>Due</b>	<b>Status</b>
Apply for Trademark of CADNEWS	Bruce Mulholland	Winter 2014	Closed
<b>From Fall 2012 BOD Meeting</b>	<b>Assigned to</b>	<b>Due</b>	<b>Status</b>
CAD Course in Portuguese	Brian West	Fall 2014	Open
<b>From Winter 2012 BOD Meeting</b>	<b>Assigned to</b>	<b>Due</b>	<b>Status</b>
Present Voice of Consumer questions and list of interviewees and propose method of implementation	Betty Puckerin	Winter 2014	Closed

**Appendix E - Education**

	<b>State</b>	<b>College</b>	<b>Course</b>
1	AL	Auburn	PFEN - Willing to expand
2	KS	Pittsburg State University	Polymer Chemistry Looking to grow with our program
3	MA	University of Massachusetts/Lowell	Course Segments- willing to expand
4	MS	University of Southern Mississippi	Course Segments- willing to expand
5	SD	University of South Dakota	Coatings - Willing to expand

<b>State</b>	<b>College</b>	<b>Course</b>	<b>Art</b>	<b>Color Science</b>	<b>Color Plastics</b>
<b>AK</b>	Harding University	Color Theory		X	
<b>AL</b> <b>**</b>	Auburn	PFEN - Willing to expand			X
		Polymer Fiber Engineering Dept			X
		Courses on Polymer Coloration			X
<b>CA</b>	CA State - Long Beach	Color Theory		X	
	City College in San Fran	Color Theory in Photography		X	
	Fresno State University	Interaction of Color Class	X	?	
	UCLA Extension - LA, CA	Color Theory		X	
	University of CA, Santa Cruz	Color Theory and Practice		X	
		Color Printing			
	IACC, San Diego, CA	Seminars for Color and Environment	X	?	
<b>CO</b>	University of Denver	Color Theory		X	
<b>FL</b>	Florida A&M	Color Course	?	?	
	Florida State University	Color Course	?	?	

<b>KS *</b>	Pittsburg State University	Polymer Chemistry Looking to grow with our program		X
<b>MA</b>	Fitchburg State College	Graphic Design - Color	X	?
<b>**</b>	University of Massachusetts/Lowell	Course Segments- willing to expand		X X
<b>MO</b>	Central Missouri State University	Art Dept - Color Theory and Design Principles	X	?
	Southwest Missouri State	Color Theory		X
	University of Missouri - Columbia	A dedicated course - Color Theory		X
<b>MS</b>	Univeristy of Southern Mississippi	Course Segments- willing to expand		
<b>**</b>				
<b>NC</b>	North Carolina State	Color Science		X
<b>NY</b>	Pratt Institute	Light and Color	?	?
	RIT			X
	SUNY Purchase College - State University of NY	Color Theory and Applications		X
<b>OH</b>	Terra Community	Color Science	X	X
	University of Akron	APTC Polymer Training Center		X
		Plastics		X
		Polymer Science for Engineers		X
		Compounding and Testing of Plastics		X
		Polymer Compounding, Formulating		X
		Rubber, Coatings		X
<b>PA</b>	Art Institute of Pittsburgh	Color Theory		X
	Carnegie Mellon	Color and Communication Course	?	?
	Moravian College - Bethlehem, PA	Color	?	?
	Penn College	Color		X
<b>SD</b>	University of South Dakota	Coatings - Willing to expand		X X
<b>**</b>				
<b>TX</b>	Austin Community College	Color Theory		X
	San Antonio College	Design III - Color Theory	X	X
<b>UT</b>	Salt Lake Community College	Theory and Psychology of Color	X	X
<b>VA</b>	Virginia Commonwealth University	Color and Light	X	X
<b>WA</b>	The Seattle Academy of Fine Art	Color Theory in every painting course	?	X

	Very specific programs in Color Theory	X	X
Cornish College of the Arts	Several Color Courses	?	?
School of Visual Concepts	Color Course	?	?

State	College	Course	Art	Color Science	Color Platics
18		36	42	30	1
		28			
		42			

**\* Looking to Grow Contact Info:**

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**\*\* Willing to Expand to full course if given the opportunity**