SOCIETY OF PLASTICS ENGINEERS
COLOR & APPEARANCE DIVISION

Meeting Minutes: May 7, 2000
Orlando, FL

Attendees: For Board of Directors Meeting
See TPC report for TPC attendance

BOD @ BOD       TPC @ BOD
Signed
attendance sheet attendance sheet
Addis, Rick Button, Hal
Beebe, Gary Davis, Sandra
Cameron, Joe Ehr, Sharon
Charvat, Bob Goldstein, Steve
Conrad, Gary Johnson, Dave
Copp, John Phillips, Tracy
deSatnick, Barry Puckerin, Betty
Frank Fasano Reilly, Tim
Golding, Terry Teunis, Brian
Jarrett, Bill Trinklein, Bob
Mulholland, Bruce Tucker, Edward
Przybyski, Jamie Schweitzer, Bob
Rangos, George
Reid, Austin
Suthers, Johnny
Terzian, Aram
West, Brian

Guests:
Bob Swain Glenn Beal
Jenny Hodge Jeff Tremonte

Next Meeting August 14, 15, 2000 at Royal York, Toronto, CA
The meeting was called to order by Aram Terzian at 2:00 PM.

Secretary’s Report (Johnny Suthers)

Minutes from the September meeting were reviewed. The minutes were approved as amended.

Treasurer’s Report (Bruce Mulholland / Austin Reid)

The Treasurer reported a Beginning Balance as of 10/31/1999 of $105,486.07. Deposits of $114,431.70, Total Expenses of $110,468.05 with an ending balance as of 5/6/00 of $107,608.05. The annual budget for Jul 1, 2000 to June 30, 2001 was approved with expected income/Expenses of $61,500. The report and budget were approved as amended.

Technical Program Committee (Sharon Ehr)

Meeting Minutes: 5/7/00

Next Meeting: 2:00 to 5:00 PM Monday August 14th, 2000 at the Royal York Hotel in Toronto, Ontario, Canada

2000 Antec, Orlando Florida-Betty Puckerin
Venue: Mariott World Center, Orlando Florida
Dates: May 7-11, 2000

Salon 7, a room with a 500 person seating capacity, was provided to the CAD for our Antec sessions. 5 papers were scheduled for each session. We were not provided with a PowerPoint projector and needed to rent one at a cost of about $600. This seemed somewhat troubling to the group as so many presenters now use the PowerPoint format for speeches. Betty, serene above all the excitement, reported that she had not received any bios for the speakers from National. As is often the case, we had to track down each presenter at the Speaker’s Breakfast and get a hastily written bio.

2000 Retec, Washington DC-Sandra Davis, Johnny Suthers
Venue: Hyatt Regency Crystal City
Dates: September 17-19, 2000
As of the Antec meeting there were 15 papers from CAD and 5 from PMAD. Sandra reported that breakfasts and breaks had found sponsors. BASF offered gifts to be handed out at registration. 20 tabletops had confirmed as of this meeting, with more to come. Suites are proving to be expensive; apparently several companies had commented on this. The final brochure is scheduled to be mailed in July, delivered by August 1st. We have an online registration form but it is not secure so payment cannot be received with the online site. Entertainment has been chosen for the luncheon meetings-George Washington will hold a news conference!

2001 Antec, Dallas Texas-Austin Reid
Venue: TBD
Dates: May 6-10 2001

Austin reported that the moderators had been chosen for the Antec, and he had received two papers as of the time of the meeting. Papers are coming in quite slowly and we seem to be back to the "hard to get a paper" scenario we are all familiar with from recent Antecs.

2001 Retec, Marco Island Florida-Gary Beebe
Venue: Marriott Resort Hotel
Dates: September 24-26, 2001

Gary reported that NASA might speak at one of the Retec luncheons. Call for Papers will appear in the next CAD Newsletter. The reception will be on the beach in front of the hotel. Sponsorships will need to be lined up. The theme will be Hot Colors-Cool Plastics. This seems to be well-organized and proceeding in good order.

2002 Antec-Bob Schweitzer, Tim Reilly
Venue: San Francisco
Dates: May 5-9, 2002

No report at this time.

2002 Retec, Toronto Ontario Canada-Bob Trinklein
Venue: Royal York Hotel
Dates: Sept 28-October 3, 2002

The date was changed to accommodate the Jewish holy days and other conventions coming into Toronto. The SPE has approved the preliminary budget and Retec proposal. The contract with the hotel was reviewed by SPE National and sent back to the local section to negotiate changes.
2003 Antec, Nashville-TBD  
Venue: Nashville Convention Center  
Dates: May 4-8, 2003

2003 Retec, New Orleans-Austin Reid  
Venue: TBD  
Dates: TBD

New Business
The question was raised, should we distribute Retec brochures at NPE and the answer from the group was a resounding YES! There are 4 TPC openings and 4 candidates for the openings, raising the question of what to do in case someone needs to resign. Austin Reed generously volunteered to explore the possibility of where in New Orleans to have the 2003 Retec.

Attendance List

TPC:  
Button, Hal  
Davis, Sandra  
Bhr, Sharon  
Goldstein, Steve  
Phillips, Tracy  
Puckerin, Betty  
Reilly, Tim  
Schweitzer, Bob  
Teunis, Brian  
Trinklein, Bob  
Tucker, Ed

BOD:  
Addis, Rich  
Beebe, Gary  
Charvat, Bob  
Conrad, Gary  
Copp, John  
deSatnick, Barry  
Golding, Terry  
Mulholland, Bruce  
Reid, Austin  
Suthers, Johnny
Terzian, Aram
West, Brian
Fasano, Frank (Past Chairman)

Guest:

Respectfully submitted,

Bob Trinklein TPC Secretary

Newsletter Committee (Bob Trinklein)

The newsletter was entered in the SPE contest. It did not win but the results were positive with a high point gainer being the technical presentations. The current newsletter had FOUR colored pages.

-CAD Endowment Committee—Gary Beebe, Terry Golding

The Endowment committee members are: Gary Beebe, Terry Golding, Bob Charvat, Barry deSatnick, Sharon Ehr, Dennis Meade, Gary Conrad, Austin Reid and Bruce Mulholland. $80,347.86 was given to the CAD Endowment Committee.

-EDUCATION COMMITTEE REPORT—Bob Charvat

CAREER CLEARING HOUSE

The Career ClearingHouse continues to be active. The present problem is a surprise. With the booming economy, one would expect the demand for workers to be evident. This is not the case from where the ClearingHouse operates. I have resumes on hand with no opening for them. Any advice or help changing this imbalance would be most helpful.

EDUCATION

TERRA COMMUNITY COLLEGE

1. The Spring Quarter is well underway. Mid-term exams are currently taking place. The Coloring of Plastics program for this quarter covers colorants. It is conducted with significant industry support. Dennis Meade-Phoenix Color, Roger Reinicker-Ciba, Frank Waksmsnki-Engelhard, Craig Wreadon-Polysolve, Larry CampbeH-Americhem, John Standish-Colormatrix and Harry Howard-Teknor Color have or will provide much information to the students this year.
2. A TV Distance Learning Program for the Coloring of Plastics Program is gaining momentum. It appears that during the winter quarter this year a number of plastics courses including Coloring of Plastics will be delivered via TV from Terra Community College to at least four other colleges in the state of Ohio.

3. The Terra College Foundation Gala Fund Drive held last September where CAD was a major contributor will be repeated this year by popular demand with a different theme. CAD will be asked, at a later date, to continue its active participation in this drive. This event is structured to say thanks to the active participants in the school program and also raise funds for the Terra College Foundation.

4. Lorain Community College appears to be in the process of shutting down their plastics program. Equipment no longer necessary is being offered to Terra.

NORTHAMPTON COMMUNITY COLLEGE, BETHLEHEM, PA

1. The BYK-Gardner spectro donated to Terra by Delphi and transferred to Northampton is still not up and running as of this date. No computer to run the spectrophotometer is currently available. This should be corrected shortly through the help of CAD.

2. Tony Pentz is scheduled for coloring of plastics lectures this fall. CAD has committed funds to purchase a computer for the Northampton/Pentz program. However, your Chairman has asked the school to confirm in writing the program is a "go" for Fall/2000 before the CAD actually commits the computer funds. This is in progress as of this date. The confirmation is expected shortly as the school class schedule is prepared and published.

BALL STATE, MUNCIE, INDIANA

1. A program at Ball State is at parade rest. They have the questionnaires returned from the Nashville RETEC. They will await additional questionnaires that will come from the next issue of the CAD Newsletter where the questionnaire appears. Returns are coming in. I have received about 10 so far. Copies of the Newsletter have been sent to Bail State to show them our actions to date. All members of the TPC and CAD Board should promote the return of the questionnaires. Newsletter Editor Bob Trinklein has done an outstanding job of promoting the questionnaire in the recent Newsletter. Thank you Bob

THE NATIONAL PLASTICS MUSEUM

1. On April 7, 2000 Bob Trinklein and John Woods visited the Museum in Leominster, MA in the
Chairman's behalf. This mission was to continue pursuit of space at the Museum for "Coloring of Plastics". They are enthusiastic about our ideas; however, actual participation and financial support need to be addressed. Trinklein's report is attached to this educational report. Some time ago, CAD Chairman John Hackman presented the Museum a sizable donation thought to be $13,000. The records will need to be pursued to confirm the accuracy of the amount. As we pursue this effort, two issues requiring Board action emerge. First, the CAD needs to appoint an Ad Hoc Committee to establish a Coloring of Plastics presence at the Museum. Second, the CAD needs to consider committing $1000 to the Museum annually, to become a continuing supporting member of the Museum. Motions to these issues will be presented to the Board at the appropriate time at this meeting.

2. Theresa Richards, a Plastics Engineer and Educator, at the Museum has enrolled in the Coloring of Plastics Seminar at this ANTEC. This resulted directly from the Trinklein/Woods visit. Her attendance is complementary, courtesy of SPE Seminars.

1. An individual requesting financial support has approached the Education Committee. His color concentrate industry employer supports this request. This Chairman feels discussion of this request, by the CAD Board and TPC would be most helpful in setting a proper future policy to guide this committee Chairman. The CAD Chair is requested to bring this before this meeting at the appropriate time.

THE BOOK!

1. I had hoped to announce the 26 chapters in the Volume I of the book had gone to publication. No such luck yet! But we are very close! Only one chapter is missing. Joe Cameron has stepped into the breach and will have the final Volume I chapter finished shortly. Then it's on to publication and Volume II.

2. Work on Volume II will resume as soon as Volume I is totally complete. The Editor will need help to identify authors so beware. A list of chapters will be submitted at this meeting soliciting chapter authors. It is hoped the Volume II can be completed within a year to follow Volume I on the bookshelf.

GENERAL

1. CAD Financial support should continue for Terra Community College.

2. Neither Northampton Community College nor Ball State is in a position to be considered for additional CAD financial support at this time. This may change and be up for discussion at our next CAD Board Meeting this summer.
3. The Terra Marketing people have produced the first draft of the Coloring of Plastics Magazine Article and Brochure. A copy is attached to this report. Comments and suggestions to John Copp or myself will be greatly appreciated. Pictures for the article have been taken, but are not available as of today.

4. An article in the SPE Vinyl Newsletter describes how professors or students at U. Mass/Lowell have been publicly advocating the end use of vinyl plastic. Who needs friends when you have inside enemies?

ATTACHMENTS

1. The Book Volume II Author List.
2. Article Draft
3. Plastic Museum Report by Trinklein

Robert A. Charvat Education Chair
VOLUME II CHAPTER LIST

Chapter 26-A. An Introduction To Commodity and Engineering Or Exotic Polymers

Chapter 27 Acetals---B. Mulholland-Ticona


Chapter 29. Acrylonitrile-Butadiene-Styrene (ABS)---J. Cameron-RTP

Chapter 30. Alloys

Chapter 31. Cellulosics

Chapter 32. Dialyl Phthalates Thermoset

Chapter 33. Elastomers Thermoplastic

Chapter 34. Elastomers Thermoset

Chapter 35. Engineering---Deleted Covered In New Chapter #26-A

Chapter 36. Liquid Epoxies, Polyesters and Polyurethanes---Selby Brannon-Plasticolors, Inc.

Chapter 37. Flexible Polyvinyl Chloride S. Lueng/A. Kuo- DuPont

Chapter 38. Fluoropolymers

Chapter 39. Liquid Crystal Polymers

Chapter 40. Melamines Thermoset

Chapter 41. Phenolics Thermoset

Chapter 42. Polyamide-imides

Chapter 43 Polyamides

Chapter 44. Polybutylenes
Chapter 45. Polycarbonates---J. Copp Dow-Chemical Corporation Page 1 of 2 pages.
Chapter 46. PolyesterskAlkyds Thermoplastics (PET)

Chapter 47. Polyesters Thermoset Deleted---Covered In Chapter//36

Chapter 48. Polyetheretherketone (PEEK)

Chapter 49. Polyethylenes---Sandra Davis?

Chapter 50. Polyphenlenesulfides

Chapter 51. Polyphylene Oxides

Chapter 52. Polypropylene/TPO---Jeffery Davis-Exxon Chemical Company

Chapter 53. Polystyrenes---Walter Martin-Huntsman Chemical Corporation (Nova?)

Chapter 54. Polysulfones---R. Trinklein-Teknor Color Company

Chapter 55. Polyurethanes

Chapter 56. Polyvinylidene Chlorides

Chapter 57. Fluorocarbons

Chapter 58. Rigid Polyvinyl Chlorides---Frank Waksmsunski-Engelhard Corporation

Chapter 59. Rigid Chlorinated Polyvinyl Chlorides

Chapter 60. Silicones Thermoplastic

Chapter 61. Silicones Thermoset

Chapter 62. Styrene Acrylonitrile (SAN)
Cleveland businessman Bob Charvat helped facilitate the wedding more than 10 years ago and today he's still involved with the blissful marriage.

The "wedding" - a joint venture between Terra Community College in Fremont, Ohio and the plastics industry - has resulted in the development of a coloring of plastics program. More than a decade later, the partnership remains strong and both "spouses" are pleased.

"It's a one-of-a-kind program, to the best of my knowledge," says Charvat, who owns Charvat and Associates Inc., a color science and applications technology-consulting firm in Cleveland.

Other colleges and universities teach polymer science, but Terra's program is unique because it concentrates on the extensive color matching skills needed in the manufacturing of thousands of plastic parts.

"Maybe in the future there will be others because there is a need," Charvat says. "There are more jobs in the coloring of plastics than there are qualified people to fill them."

That lack of supply of qualified employees, even though starting salaries are in the $30,000 range, is what prompted the union of industry and Terra a decade ago.

"Plastics professionals are a unique and very active bunch," Charvat says. "We perceived a need and we decided to fill it. And it's been successful for two reasons - one, because of the commitment by industry to support it with money, equipment and people, and two, because of the commitment of the college to build the program. I've talked to different colleges, and it's obvious that if you don't have overwhelming commitment from the college to make it go, it won't go. Terra has that overwhelming commitment, and I believe it's because they also perceived the need."

Jamie Przybyliski, professor in Terra's plastics programs, agrees.

"The main reason for the success is that the focus is on what the plastics industry needs and it's tied
closely to the industry," he says. "The plastics people are very involved."

And the commitment from the plastics industry is just as strong. Terra, in more than 10 years, has not purchased any supplies for the program, says Przybylski. That includes about 3,000 pounds of virgin resins per quarter and everything involving the coloring. Besides support with computers and software, plastics companies have donated about $500,000 in equipment. For example, Celanese in Florence, Kentucky, not only donated machinery, but also paid for two semi tractor-trailers, a tow motor and riggers to deliver and set it up.

"Plastics companies want quality employees," Przybylski says. "The better we can prepare students, the better employees they will be. The individual Companies make the donations, but their overall goal is to help the whole plastics industry."

Of the 30,000 members of the Society of Plastics Engineers, about 4,000 of them are members of the coloring of plastics section. And they are a close knit group, with 80 percent of them within a 500-mile radius of Terra. But the college receives support from industry members across the country. And guest speakers for classes come from as far away as Chicago and Wilmington, Delaware to participate.

Charvat believes the plastics industry will continue to grow" for as far into the future as we can see." And color will also be an essential element.

"A lot of the stuff you buy, you buy because of its color," Charvat says. "Color is just involved in everything in our lives."

The coloring of plastics mining, however, goes beyond plastics. Students can use their knowledge in other industrial areas in need of color technicians.

"They can go into paints, inks and other fields because the general technology background applies to the coloring of anything," Przybylski says.

Students in the plastics programs at Terra vary in age, work experience and educational background. But all seem to find just what they need.

At 28, Eric Level of Green Springs has worked in area factories.

"I've done regular manual labor, machine processing and some supervising, but I knew I wasn't going to make big money sitting at a machine all day," Level says.

About a year ago, he took a job at the Lear Corp.'s Bowling Green plant. He's nearly finished with his
plastics degree, and is already reaping the benefits.
"You get more practical experience here than people do at a four-year college," Level says. "At work, there are people with four-year degrees coming to me to ask questions. And even with a two-year degree, you can move up into jobs that you would think only those with four-year degrees would get. All of the experience is what gets you the job. "I'm more than satisfied. I've had a lot of good experiences here."

Przybylski says while teaching the technology is key, he also strives for his students to learn how to learn.

"The important thing is that at Term they obtain the ability to learn," Przybylski says. "When our students go out in the workforce, the foundation and background they've gotten here allows them to learn a lot quicker. If you can't learn new things, you're dead. Technology changes so fast."

Lack of supply for the demand hasn't changed in the past decade. Terra has an average of 15 graduates per year and they are rarely unemployed.

"With the June graduates, if companies don't have them signed up by late March, early April, they're gone," Charvat says.

Terra is working to enroll more students in its plastics program.

"Part of the perception that we're trying to fight is that jobs in plastics are low-paying and dirty," Przybylski says. "We know that our graduates are a cut above that."

FAST FACTS BREAKOUT BOX
Terra Community College Coloring of Plastic Major
Where: 2830 Napoleon Road, Fremont, Ohio

What: Two-year associate degree program that equips students with the theoretical and practical knowledge and skills needed in the specific field of color used in the plastics industry. A color of plastics certificate is also an option, with 47 credit hours required for certification.

More info: Contact Jamie Przybylski at 419-334-8400 or 1-800-826-2431, ext. 459, or visit the college's website at www.terra.cc.oh.us

DRAFT BY JILL FICK- MAY 4, 2000

Andrea Lincoln's rainbow has more than seven colors.
And if all goes as planned, that spectrum of color will carry the 20-year-old Elmore, Ohio woman to a unique engineering career that took root at Terra Community College, Fremont, Ohio.

Lincoln will graduate in June from Terra with dual associate degrees in the coloring of plastics and plastics technology. Pending verification of her spring quarter course work, she has been accepted into the University of Akron College of Engineering honors program.

Not bad for a young woman who had no real direction after graduating in 1998 from Woodmore High School. Lincoln went to Terra full time her senior year in high school, taking advantage of the state's free postsecondary enrollment options program. She returned the following year as a college freshman.

"The biggest thing with Term is that I have found what I want to do," Lincoln said. "I started in graphics here, and I had a very good teacher, Bob Jones, who helped show me what else was here. I knew I didn't want to sit and draw on a computer all day. I knew I wanted my job to have something to do with color, and I loved chemistry. Bob Jones took me to the plastics lab one day, I signed up for an introductory course the next quarter and fell in love with it."

Now, she says, "I pretty much live here. I should have a cot in the plastics lab."

Lincoln said the coloring of plastics program allows her to use her strengths.

"I'm an artist at heart," she said. "And you get to use your artistic mind quite a bit, plus the science. I'd say it's about 50-50. My art background has been very helpful."

Lincoln is in the minority as a female in a technological field. Only about 25 percent of the students in the plastics programs at Terra are women. But she expects that trend to reverse. Recent high school tours through the facility have attracted numerous females.

"We just need to get out and talk about it more," Lincoln said. "People just don't know we're here and don't know what we're all about."

Tuition at half the rate of four-year colleges and universities has been a bonus.

"I wasn't sure what I wanted to do after high school, how far I wanted to go, and I couldn't see wasting my parents' money to find out," Lincoln said. "Coming here has been a great start for me. I knew I could do something with an associate degree or I could transfer."
After excelling in the classroom her first year, Lincoln received three scholarships this year that nearly paid for her tuition, fees and books. She appreciates the fact that she won't be paying off student loans for years to come.

And Terra also has afforded her the opportunity to meet and work with people of all ages.

"It's cool to be friends with older people," she said. "And everybody is really nice here. They know your name even if they've only met you once."
Lincoln will enter the University of Akron next fall as a second semester sophomore. Since Akron doesn't have a coloring of plastics program, Lincoln will pursue a major in mechanical polymer engineering. But she doesn't plan to wander too far from color. She will likely do lab work with doctoral candidates who are working in research and development of color.

Jamie Przybylski, professor in the plastics program, has no doubts about his star pupil.

"I know she'll do well," he said. "She works as a lab assistant here on projects that we do for industry. So I think the other students at Akron are going to come to her and ask her how to man the equipment because she has the experience."

After graduating from Akron, Lincoln plans to work in the plastic field. But her long-term goal isn't surprising.

"I want to come back to Terra to teach," she said.
Visit to National Plastics Center & Museum
Bob Trinklein

On Friday April 7th, John Wood and I visited the National Plastics Center to view the facility and to talk with Valerie Wilcox and Theresa Richards. Ms. Wilcox is the Executive Director and Ms. Richards is a Plastics Engineer and Educator who frequently puts on talks and presentations for visitors to the Center. We visited the Center at the behest of Bob Charvat, who wanted us to discuss the possibility of having a Coloring of Plastics exhibit at the museum.

The bottom line is that they are waiting for several exhibits to be created, and for funding for those exhibits to materialize. This is expected to take some time. As a result, they would welcome the idea of working with us and exhibit something about plastic coloring. This could be just about anything we would want to do. Some color theory might be appropriate as well as showing how plastic coloring is created. There are small areas and large areas that are currently available so only our imaginations and our bank statement would limit us.

In order to make this happen, the BOD could create a committee to come up with concepts and ideas of what we would want to present. These would in turn be presented to Ms. Wilcox and to Frank DiCesa (spelling?). If accepted, the committee could work to make the appropriate exhibits a reality.

There were several other things we could consider. The Center is non-profit, and as such must depend "on the kindness of strangers." We could purchase several of the Polly Polymer videos and donate them to the Center. We could offer them a tabletop at a RETEC. We could also encourage them to present a paper at the ANTEC or RETEC (or both) detailing their Center and Museum. They also have something they call the John Wesley Hyatt Society. A group or company can join by contributing $1,000. I am attaching copies of this information.

Demographics of the Center show about 10,000 visitors each year. A large number of their visitors are teenagers and school children. Schools in the area like to visit. (There is some hands-on stuff that is fun and educational to do.) Perhaps in our exhibit we can sneak in something about what a great career plastic color matching can be.

Membership Committee (Bill Jarrett)

D-21 Color & Appearance Division: As of December 30, 1999 CAD has 1268 Primary members. We are the ninth largest Division. Total membership in the SPE was listed at 29,524.

Public Interest Committee (John Copp)

Working on publication for International interested and getting information distributed. Also working with Terra staff person on publication. Will host a table top at the RETEC with $500 in door prizes for people completing the questionnaire.
CAD Endowment Committee (Gary Beebe)

Members: Charvat, deSatnick, Ehr, Golding, Meade, Mulholland, Reid, Beebe

Status: Designated money ($20,000) was moved into a money market account 12/22/99 with a year ending value or $20113.59. Contact was made and proposals/information received from six sources. The proposal to establish an account in CAD name was approved by Board vote with the following split:

- 50% in Vanguard Total Stock Market Index
- 20% in Janus Fund
- 10% in Janus Worldwide Fund
- 20% Janus Olympus

The Endowment fund is targeted at $250,000. Due to the success of the 1999 RETEC in Nashville, a motion was approved by the Board to fund an additional $80,000 into the CAD Endowment fund equity account.

Awards Committee (Terry Golding)

The Awards Committee consists of Rick Addis, Joe Cameron, Sandra Davis, Sharon Ehr, Terry Golding, Dave Johnson, Tracy Phillips and Johnny Suthers. Duties of members include a commitment to attend ANTEC and RETEC and view and rate all papers. This provides a sound basis for Best Paper awards.

Our 1999 Honored Service Member is Brian West. Brian's nomination was successful. He will be honored at the awards luncheon this Wednesday. His sponsors, Gary Beebe and George Rangos, presented excellent Sponsor's Statements to support the nomination.

Our 1999 Fellow of the Society is Bob Charvat. Bob's nomination was successful. He will be honored at the awards luncheon this Wednesday. Dick Grossman, a Fellow of the Society and Chairman of PMAD, is one of Bob's sponsors. Fred Simon, Bob's other sponsor, is also a Fellow. Joe Cameron provided an excellent Divisional Critique.

A plaque will be presented to Gail Bristol at the reception following the last CAD paper Monday. We wish to thank her for her support and assistance to the Color and Appearance Division as liaison to SPE headquarters.

Bill Jarrett brought up the need to consider more variety in awards for outgoing BOD and TPC members. As Bill pointed out, you can only use one pen. Perhaps we should consider allowing the outgoing member to select an award from the SPE catalog, with a specific value cap.

The following Awards are planned for the 2000 RETEC Awards Luncheon: (please let me know if you see any errors or omissions)
2000 CAD Outstanding Achievement Certificate (chosen at the August meeting)
Aram Terzian, 1999-2000 CAD Chair, Plaque
Austin Reid, 1999-2000 CAD Chair-elect, SPE pen
Bruce Mulholland, 1999-2000 CAD Treasurer, SPE calculator
Johnny Suthers, 1999-2000 CAD Secretary, SPE pen and pencil set
Sharon Ehr, 1999-2000 CAD TPC Chair, Plaque
Bob Trinklein, 1999-2000 CAD TPC Secretary/Chair Elect, SPE pen

SPE logo Cross pen (or choice?) for members completing their terms in 2000: TPC: Selby Brannon, Hal Button, Sandra Davis, Dave Johnson
BOD: Bob Charvat, John Copp, Bill Jarrett, and Dennis Meade

Best Paper Awards (plaque and $500 honorarium):

2000 ANTEC (to be determined)

1999 RETEC: Tracy Phillips for her "Options in Measuring Frosted-Glass Effects for Plastics".

1999-2000 Student (to be determined)

Being presented at ANTEC 2000 is an Eastern Michigan University Student Paper. It is titled "Color Effects of Modified Rubber on Black Colorant in Polypropylene" by Eric B. Hunt. It will be presented in the joint student session (T18 #1107) with PMAD at 10:30 Tuesday morning. Please attend and let me know if it is worthy of consideration if you can.

Respectfully Submitted by Terry Golding, Awards Committee Chairman

CAD Web-Site (Joe Cameron)

Joe reported we have 42 sponsors with a total potential of $16,000 with total paid to date of $8,000. Expenses to date totaled $1443.46 including invoicing, mailing and WebPages update costs. With these sponsors, our newsletter and WebPages are self-sustaining.

Councilor's Report (George Rangos)

The dues increase was passed. More details of 2 part SPE Council meeting will be presented at the summer meeting. The Rotational Molding Special Interest Group was approved as a Division.
Pride Report – Austin Reid
The CAD was awarded both the Pride Award and the Outstanding Division Pride award. We shared
the Pride Award honor with 13 Divisions and the Outstanding Division Pride award with six
divisions. Good work by all!

International Committee – (Brian West)
Workings with Brian West on the International Committee are Edward Tucker, Betty Puckerin, Tracy
Phillips, Austin Reid, Barry deSatnick, Gary Conrad and Bob Charvat. The March 2000 RETEC in
Europe had 120 attendees.

New Business
George Rangos was reelected to serve a second term as Councilor. The Southern Section (GA, AL)
wants to work with CAD to do a conference in the next 2-3 years. Next open date is 2004. Jeff
Tremonte of SPE International presented information on Partnering with SPE for Successful
Conferences and “What SPE can Do to Make Your Conference a Winner. Bob Swain and Glenn Beal
of Rotational Molding thanked CAD for their help in providing seed money for their first conference.
See Bruce Mulholland for copies of the Dr. Polly tapes. Bob Swain gave us an awareness update on
some classes of mixed metal oxides. Proposed operating rule changes were presented by Bruce
Mulholland and seconded by Bill Jarrett. Action items were reviewed during the meeting and updates
have been tabulated on the following page. The meeting was adjourned at 5:00 PM.

Respectfully submitted,

Johnny F. Suthers
Johnny F. Suthers
Secretary, BOD

ACTION ITEMS

<table>
<thead>
<tr>
<th>Number</th>
<th>Action</th>
<th>PPR</th>
<th>Due Date</th>
<th>Status</th>
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<tbody>
<tr>
<td>08/04/98 – 09</td>
<td>Write story about Terra success</td>
<td>J. Copp</td>
<td>9/1/00</td>
<td>Working with Terra staff member, rough draft completed</td>
</tr>
<tr>
<td>08/10/99-06</td>
<td>Report from Endowment Committee on investment</td>
<td>G. Beebe</td>
<td>5/7/00</td>
<td>Completed</td>
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<td>09/27/99-01</td>
<td>Buy computer for spectrophotometer @ NorthHampton</td>
<td>B. Charvat</td>
<td>8/1/00</td>
<td>Completed</td>
</tr>
<tr>
<td>09/27/99-03</td>
<td>More detailed report from Education Committee on how funding (scholarships, equipment, materials) spent last 3 years at Terra Tech</td>
<td>B. Charvat, Jamie P.</td>
<td>5/7/00</td>
<td>Completed</td>
</tr>
</tbody>
</table>
# CAD Operating Rules Proposed Changes

<table>
<thead>
<tr>
<th>Section</th>
<th>Item</th>
<th>Description of Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>II</td>
<td>D</td>
<td>Subject: BOD/TPC Eligibility Requirements</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Changes:</td>
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<tr>
<td></td>
<td></td>
<td>Add that an absence due to attending another SPE sanctioned meeting or event is an excused absence and does not count against the individual</td>
</tr>
<tr>
<td>IX</td>
<td>B</td>
<td>Subject: Election of Directors</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Changes:</td>
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<tr>
<td></td>
<td></td>
<td>Eliminate reference to section 3.C and 16</td>
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<tr>
<td></td>
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<td>Change &quot;secret&quot; ballot to just ballot; expand to say balloting by returning written ballot, by e-mail, or via telephone</td>
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<tr>
<td></td>
<td></td>
<td>Eliminate reference to SPE Bylaws B-32 to B-36 (not applicable)</td>
</tr>
<tr>
<td>II</td>
<td>E</td>
<td>Subject: Meetings</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Changes:</td>
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<tr>
<td></td>
<td></td>
<td>Under RTEC meeting, add begin soliciting candidates for upcoming BOD/TPC elections</td>
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<tr>
<td></td>
<td></td>
<td>Under ANTEC meeting, add elect committee's chairperson and add assign mentors</td>
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<tr>
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<td>Expand meeting schedule to say that ANTEC and RTEC meetings must be scheduled for a minimum of two hours. Leave others at 3 hours.</td>
</tr>
<tr>
<td>III</td>
<td>B</td>
<td>Subject: Councilor Duties</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Changes:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Change SPE Bylaw reference from B-26 to B-25</td>
</tr>
<tr>
<td>III</td>
<td>C</td>
<td>Subject: Councilor Election</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Changes:</td>
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<tr>
<td></td>
<td></td>
<td>Change SPE Bylaw reference from B-36 through B-39 to just B-19</td>
</tr>
<tr>
<td>III</td>
<td>E</td>
<td>Subject: Councilor travel stipend</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Changes:</td>
</tr>
<tr>
<td></td>
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<td>Remove dollar amount ($1,500) and just say as budgeted</td>
</tr>
<tr>
<td>VII</td>
<td>D-F</td>
<td>Subject: BOD Secretary Duties</td>
</tr>
<tr>
<td></td>
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<td>Changes:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Combine Sections D &amp; F as new E, as both talk about Division Operating Rules</td>
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<td>Move current Section E to D (SPE Division Operating Procedures)</td>
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<td>Use more consistent use of DOP to mean SPE Division Operating Procedures</td>
</tr>
<tr>
<td>VIII</td>
<td>C</td>
<td>Subject: BOD Treasurer Duties</td>
</tr>
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<td>Changes:</td>
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<td>Change that Treasurer receives guidelines from the Executive office in July, to just 3rd Quarter</td>
</tr>
<tr>
<td>XV</td>
<td>C</td>
<td>Subject: Elections Committee</td>
</tr>
</tbody>
</table>
Changes:
Remove item #1, which references SPE Bylaws B-36 through B-39
Add to current item #2 that solicitation should begin at RETEC for the upcoming BOD/TPC elections