



# **INDUSTRY APPLICATIONS SOCIETY**

# PULP & PAPER INDUSTRY COMMITTEE

# **MINUTES**

# of the

# **FULL COMMITTEE**

# **INTERIM MEETING**

2013 PPIC COMMITTEE INTERIM MEETING Webinar October 4, 2013 Minutes recorded by Greg Drewiske, PPIC Secretary

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## 1. WELCOME AND INTRODUCTIONS – ALEX WU

Alex called the meeting to order at 2:05 PM EDT. Approximately 24 members were in attendance on the conference call

### 2. <u>REVIEW/APPROVAL OF MINUTES OF CONFERENCE MEETING – GREG</u> <u>DREWISKE</u>

Greg reported that the full committee general meeting minutes, held in Charlotte, were distributed via email to those of the committee and these same minutes were posted on the committee website <u>www.pulpandpapercommittee.com</u>. Greg noted that one change was noted and has been corrected. Dave Durocher moved to approve the minutes and the motion was seconded by Larry Oleson. The minutes were approved by the full committee.

## 3. EXECUTIVE COMMITTEE REPORT – GREG DREWISKE

Greg reported that 7 members were in attendance at the Executive Committee meeting held Friday, October 4<sup>th</sup> at 11:00am EDT

Some of the highlights of interest that were discussed:

- Proposal to combine the Secretary and Treasurer into one Secretary/Treasurer position
- b) Changes to the Rooks Program were discussed to possibly attract new industry engineers to conference. Possibility of full scholarships paid by the conference were also discussed.

## 4. TREASURER'S REPORT/CONFERENCE AUDITS

The 2012 IEEE IAS Pulp & Paper Conference final audit was successfully completed in April. The overall surplus for this conference was \$42,876! A request to transfer 33% (\$14,292.74) of surplus to the Oregon Section was submitted for processing on Friday, April 26, 2013 with the balance retained by the IEEE IAS. A very successful conference. 186 total registered, 50 mill engineers!

## 5. STANDING SUBCOMMITTEE REPORTS

## a) MEMBERSHIP – ALAN LOWE

Our current committee membership is 101. Since the annual meeting in June we have had the following changes in membership:

Eight new members-

- Jim Bryan
- Jim Gibson
- Phil Kimbrell
- Dave Mazur
- Jim Phillips

- Walter Simpson
- Patrick Standley
- Wade Robinson

One member resigned or retired-

• Doug Moody

We currently have no applications pending.

One member dropped for non-participation-

• Norm Danz

At the annual meeting in June we had 61 members present, 6 with excused absences, and 29 with unexcused absences.

Sixty members or 59% of our membership are at a member grade of Senior Member or higher.

The job sector distribution of our membership is as follows:

- 52 vendors
- 23 consultants
- 22 mill people
- 2 academic
- 2 retired

Report submitted by Alan Lowe, Membership Chairman.

#### b) CONTACT LIST REPORT – JOHN KAY

It is my pleasure to provide the following report,

I used the registration list from the Charlotte committee and reconciled that data to the master mailing list. I also updated the data based on the mark ups of the mailing list documents displayed at the 2013 conference.

The following is an update and report,

Total Entries after 2013 conference	1887	
Stale Entries	143	[no attendance since 2004]
Stale Entries with no email add.	81	[no attendance since 2004]
Entries removed this year	253	[no attendance since 2003]
Added in 2013/2014 to-date	<u>8</u>	
Entries with Email address	1770	94% (prv. 93%)

Active\* with Email address

\*- Have attended at least one conference in the last 10 years.(<u>MANY</u> addresses are no longer valid)

Approximately 81 entries are marked for removal this coming year (no attendance for the last 10 years <u>AND</u> no valid email address.

Respectfully submitted, John A. Kay

#### c) FELLOWS NOMINATIONS – JOHN KAY

I am honoured to say that Stan Merritt has been re-submitted for consideration. Thanks go to Larry Olsen who stepped in again, on my behalf, to do the formal application. (I cannot nominate and be a at the same time)

The IEEE Fellows Review Committee does not issue their report in late November so we will not know until next year's conference if Stan was successful. Any news of elevations submitted by our committee will be announced by way of an email to our distribution list.

For this year's class, we have one candidate in process. Warren Hopper has agreed to have his name put forward. Larry Thomas will be his nominator. I will be working with both to get the nomination complete.

Please contact me if you are aware of any others in our committee that you feel should be considered for nomination. The details of the process and requirements are listed below.

The Fellows Program was established to recognize and honour outstanding members for their significant accomplishments in the advancement or application of engineering, science, and technology and for their contributions to the mission of the IEEE.

IEEE Fellows are an elite group from around the globe. The IEEE looks to the Fellows for guidance and leadership as the world of electrical and electronic technology continues to evolve. The total number of Fellow elevations, in any one-year, does not exceed one-tenth of one percent of the total membership.

To be considered for nomination,

- 1. You must hold a Senior Member grade at the time the nomination is submitted and shall have been a member in good standing in any grade for a period of five years or more preceding 1 January of the year of elevation. If you're not a senior member it's time to also consider an application.
- 2. You also need a nominator who does NOT need to be a Fellow.
- 3. You need a minimum of 5 and a maximum of 8 current Fellows to act as your references.

Nominations can be submitted for our committee members with sponsorship from this technical committee, or through the other various IEEE IAS Societies.

Nominations will be accepted for the IEEE Fellows class of 2014 up to the deadline of 1 March 2014. If you believe someone from within the ranks is worthy of this nomination, please speak to me. It would be an honour for me to assist in the nomination process. The sooner this process begins the better. The online nomination forms should be completed and submitted by February. This seems like a long way off but it's always best to start the planning now.

Respectfully Submitted, John A. Kay

#### d) AWARDS/MAGAZINE AND TRANSACTIONS SUBMITTALS – MARK WEAVER

e) PUBLICITY – DON LANSER No report.

#### f) PPIC AWARDS NOMINATION – RORY JOHNSON

No new nominations received as of meeting. Forms are in Operating Guide and on website. Rory will make some suggestions for people who are eligible to be nominated, but haven't received the award yet.

#### 4. LIAISON REPORTS

#### a) IEEE/IAS – DAVE DUROCHER

Blake Lloyd is now President of IEEE-IAS. Dave Durocher is the President-Elect. John Malinowski was recently elected Member At Large

#### b) TAPPI – BURT JUDSON

TAPPI Drives Short Course will be offered again in Atlanta.

#### c) IEEE – STANDARDS PROJECTS COORDINATION – JOHN MALINOWSKI

IEEE PCIC is forming a new working group for IEEE 841-2009 and a par will be written. Contact Bill Veerkamp at Dow if you wish to participate. <u>WEVeerkamp@dow.com</u> A second WG will be formed to begin a separate 841.1 standard for an IEC version based on the structure of the present standard but using IEC standards and construction norms.

#### d) IEEE ELECTRICAL SAFETY WORKSHOP – LARRY THOMAS

The next conference will be February 4-7, 2014 in San Diego, CA. The workshop website is: <u>http://www.ewh.ieee.org/cmte/ias-esw/index.html</u>

#### 5. OPERATING SUBCOMMITTEE REPORTS

- a) PROCESS CONTROL, ENGINEERING, MAINTENANCE AND CONSTRUCTION (PCEMC) – APPENDIX B
- b) POWER DISTRIBUTION SUSTEMS (PDS) APPENDIX C
- c) TRAINING, SAFETY, STANDARDS AND CODES (TSSC) APPENDIX D
- d) DRIVES AND CONTROL SYSTEMS (DCS) APPENDIX E
- e) FOREST PRODUCTS (FP) AD HOC APPENDIX F

### 6. CHARLOTTE CONFERENCE REPORT – ROLY ROBERGE

The financial report for Charlotte is being finalized. All of the charges have been received and Rhonda and Roly are reviewing the budget inputs for submittal to IEEE. It looks like the Charlotte conference will have a contribution of 23 % with verses a target of 20%. The total revenue of the conference was \$123K with a contribution of approximately \$29K.

## 7. FUTURE CONFERENCES – JOHN MALINOWSKI

#### a) 2014 – Atlanta, GA – Duncan Rhodes

Marriot – Buckhead will be the hotel. June 22-26, 2014 will be the dates. Committee is still forming and working out the details. Hotel contract is signed, still finalizing the budget.

#### b) 2014 AND BEYOND – John Malinowski

- 2015 Milwaukee, WI Carole Cellarius
- 2016 San Antonio or Austin, TX Lana DeLeon
- **2017** Seattle/Portland/Vancouver
- 2018 Possible Southeast (Virginia)

#### 8. TECHNICAL PAPERS – 2014 ATLANTA CONFERENCE – JOHN KAY

A total of 25 papers were scheduled for 2013. A few were left for 2014. Scholarone Plagarism feature was enabled. Be aware of references that aren't properly documented or similarities to things out on the web. New Authors guides will go out in fall.

Paper Counts for 2014 :

	Α	В	С	D	E	Tutorial	Panel
PCEMC	2	3	4	4	2	3	1
PDS	5	2					
DCS	1	9	4		1		
TSSC	2	1			3	2	
FPC							

### 9. OLD BUSINESS

#### a) AD HOC – SUSTAINABILITY – DAVE DUROCHER

Sustainability Ad-Hoc: We again sent outreach emails to our mailing list. Two emails, a "Save The Date" on 03/11/13 and an "Early Bird Registration Extended" email on 04/27/13. Our email list is growing – current count is 1385 valid email addresses, both mill and consultants/vendors. We are also tracking mill/industry engineers attending the conference. I will have the final numbers for this year for the Tuesday meeting. 46 Mill Engineers in Charlotte, 50 in Portland.

#### b) AD HOC – PERPETUATION COUNCIL - BLAKE LLOYD

Industrial and Commerical Power Systems (INCPS) may co-locate with PPIC in 2015. They are the home to the IEEE Color Books.

#### c) AD HOC - COMMITTEE FOR THE JAMES A. ROOKS MEMORIAL INTERN PROGRAM- GREG DREWISKE

One Intern was present for the 2013 Charlotte Conference: Jonathan Green – IP – Georgetown, SC

- What did you like Most about the Conference?
  I really liked the diversity of engineers and people that I was able to meet on this trip. Though most of them much older than me
- What did you like Least about the Conference? Some of the topics were a little too technical for me where they started to tread in some areas that were of no interest to me or they were beyond my current understanding.
- What could be improved?

I don't where you could do this, but maybe add a segment or this could be having the intern(s) completely separate from the group and discuss and maybe show some of the various types of work that are possible to get into. I've heard about some things from other engineers, but I have yet to see any of it in my personal experiences. For instance with this internship I've been doing more desk work and not a ton of field/hands-on work like I'd like, but several engineers have told me working in the Pulp and Paper Industry there are many opportunities for it.

 Did this change your view of the Pulp and Paper Industry? Not enough to matter. While it was a great conference, it did not do much for changing how I see the industry, however I did enjoy the opportunity to see how IEEE operates. This was my first conference as a member, and I hope to attend a different next year.

#### d) JAMES A. ROOKS MEMORIAL CONTRIBUTIONS - DAVE DUROCHER

JA Rooks Program: The account is doing well, current balance is \$140,821. With our present initiative to support up to 4 students at \$2000 each, I believe the

balance puts us into a mode of being sustainable over the long term. We are still taking contributions and should push for support at the annual conference as we have in the past 6 years. We have supplemented the intern costs using the Myron T Zucker Funds for intern travel in past years, beginning this year we will only use funds from the JA Rooks account. We have one intern this year – Jonathan Green, International paper Georgetown SC.

## e) CONFERENCE SURVEY – GREG DREWISKE

The conference survey was sent out. See Appendix J and K for the results.

#### 10. NEW BUSINESS

#### a) **WEBINAR REVIEW:**

- Meeting notices should be sent out via Outlook
- Need to have better and sooner communication of dates and times
- People need to mute lines when not in use
- Need to come up with a better way to track attendance for conference calls
- We seemed to have about the same number of participants, with much list time and cost incurred
- Possible schedule for next year:
  - Executive Committee Meeting on 1<sup>st</sup> Monday in October
  - Subcommittee Meetings during week
  - General Meeting on Friday

#### b) ROOKS PROGRAM CHANGES:

We had some discussion around potential changes to the Rooks program and/or other means to try and attract young industry engineers. Dave Durocher presented the following motion to the IAS board to help get things started. Greg will work to formalize the application process. The thought was we might get more bang for the buck if we can attract some younger engineers who are already in the industry.

# Motion to adopt support of a new Young Engineers initiative by the IAS PPIC:

In an effort to encourage attendance of Young Engineers at the 2014 IEEE IAS PPIC Conference June 15-19, 2014 in Atlanta GA, the PPIC Executive Committee requests funding from the IAS Board for a total of US \$6,000 to be transferred into the conference concentration bank account prior to 12/31/2013. These funds will support a new Young Engineers initiative to pay for travel/registration and hotel expenses to attend the 2014 IEEE IAS PPIC Conference, reimbursing expenses up to US \$2000 for up to three (3) Young Engineers. Eligible candidates would include a) Engineers employed full time by forest products industry end-user or consultant b) Engineers working in the industry less than 5 years and who have never attended PPIC Conference and c) Engineers who are under 30 years of age. Candidates will submit application to the Committee Treasurer, and those selected will be required to attend subcommittee and full committee meetings during the conference. Expenses will be reimbursed via approved submission using the 2014 IEEE IAS expense report. Any unused funds remaining in the conference budget will be returned to the IAS as a part of the surplus after the conference is closed. David B Durocher on behalf of Alex Wu, 2013-2014 IEEE IAS PPIC Chair

#### c) CO-LOCATE CONFERENCE WITH I&CPS

Discussed pros and cons of a potentially co-located conference in 2015. Alex will pursue with Peter Sutherland of IEEE I&CPS Committee to see if there is enough synergy to make it work.

Meeting Adjourned at 3:45pm EDT.

# **APPENDIX A**

## FULL COMMITTEE MEETING AGENDA

# FULL COMMITTEE INTERIM WEBINAR MEETING AGENDA IEEE PULP & PAPER INDUSTRY COMMITTEE

## Friday, October 4<sup>th</sup> 2013 2:00 PM to 4:00 PM Eastern Daylight Time

1 - Welcome & Introductions	Alex Wu
2 - Review/Approval of Minutes of Interim Meeting	Greg Drewiske
3 - Executive Committee Report	Greg Drewiske
4 - Treasurers Report/Conference Audits	
5 - Standing Subcommittee Reports:	
a - Membership	Alan Lowe
b - Mailing List	John Kay
c – Fellows Nominations	John Kay
d - Paper Awards / Magazine and Transactions Submittals	Mark Weaver
e - Publicity	
f - PPIC Awards Nominations	Rory Johnson
6 - Liaison Reports:	
a - IEEE - IAS	Dave Durocher
b - TAPPI	Burt Judson
c - IEEE - Standards Projects Coordinating	John Malinowski
d - Electrical Safety Workshop	Larry Thomas
7 - Operating Subcommittee Reports:	
a - PCEMC	Felix Nepveux
b - DCS	Don Greg
c - PDS	Todd Leggette
d - TSSC	Dennis Neitzel
e - FPC (Ad Hoc)	John Malinowski
8 - Atlanta Conference Report	Duncan Rhodes
9 - Future Conferences	
a – 2016 and beyond	John Malinowski
10 – Atlanta Conference Technical Papers	John Kay
11 - Old Business	
a - Ad-Hoc - Sustainability	Dave Durocher
b - Ad-Hoc – Perpetuation	Blake Lloyd
c - Ad Hoc Committee on Student/Intern Engineers	Greg Drewiske
d - James A. Rooks Memorial Contributions	Dave Durocher
e – Conference Survey	Greg Drewiske
12 - New Business	

# **APPENDIX B**

#### PROCESS CONTROL, ENGINEERING, MAINTENANCE, AND CONSTRUCTION SUBCOMMITTEE INTERIM MEETING WEBEX OCTOBER 1, 2013, 2PM

Meeting Start: 12:45 PM EDT

Meeting Adjourned: 1:58 PM EDT

Sub Committee Chair: Felix Nepveux

Recorded by: Mike Tribe

Total Members: 14

Members Present: 4

- Walter Herbert
- Felix Nepveux
- Roland Roberge
- Michael Tribe

#### **Guest:** 0

- Paper Reviewer for 2014: Blake Lloyd
- Backup Paper Reviewer: Mike Tribe

#### Introduction:

• Introductions were made.

#### General Business:

• No Executive Meeting Summary was available for the meeting

#### New Business:

- The list of proposed papers was reviewed and updated with changes. New paper topics were discussed.
- Mike Tribe's Vice-Chairman duties were discussed. Mike will take minutes at the meetings and will assume the Chairman position for the subcommittee in 2015.
- Walt noted that there is a new PPIC website. Note that this is not the website for the 2014 Atlanta PPIC Conference but is the general PPIC website. Below is the link.

# APPENDIX B

#### PROCESS CONTROL, ENGINEERING, MAINTENANCE, AND CONSTRUCTION SUBCOMMITTEE

• The old website link <u>www.pulpandpapercommittee.com</u> is no longer being updated and will be phased out over time. The new link and webpage is <u>http://sites.ieee.org/ias-pulpandpapercommittee/</u>

## Future Papers:

• Reference the Microsoft Excel spreadsheet that accompanies the minutes for the list of future papers.

# APPENDIX C

#### POWER DISTRIBUTION SYSTEM SUBCOMMITEE INTERIM MEETING MINUTES VIA CONFERENCE CALL

- Meeting Date: October 1, 2013
- Meeting Start: 11:00 am
- Meeting Adjourn: 11:49 am
- Recorded by: Todd Legette
- Total Membership: 24

#### Members on phone: 8

Christopher Burnette Jay Das Todd Legette Chuck Mozina Walter Simpson Terrence Smith Craig Wester Alex Wu

#### Members Excused: 3

John Levine Glenn Smith Bill Vilcheck

#### Members Unexcused: 13

Guests present: 0

#### **Potential New Members: 0**

#### Members Transferred: 0

#### **Resignations: 0**

#### Meritorious Award Nominees: 0

- 2013 Paper Grader: Rich Schaefer
- 2014 Paper Grader: Rich Schaefer

# APPENDIX C

### POWER DISTRIBUTION SYSTEM SUBCOMMITEE

#### Introduction

Todd Legette (Chairman), welcomed to our first PDS Subcommittee interim meeting via webex. Each member introduced him or herself and attendance was taken. Updates will be forwarded to Alan Lowe.

#### Subcommittee Meeting Minutes

Excused Absences:

The PPIC asks that all members attend the interim and main conference meetings. However, if a member is unable to attend the subcommittee and main committee meetings, we ask that the member notify the subcommittee Chair prior to the meeting.

Meritorious Award Nominees:

We have no nominations for the Meritorious Award

Full Committee Interim Webinar Meeting:

The full committee interim meeting will be conducted via a webinar on Friday, October 4<sup>th</sup> at 2:00 pm. Please plan to attend.

#### New Business:

The list of proposed papers was reviewed and updated with changes. New paper topics were discussed. The list submitted to the General Committee was:

- 5 A Papers
- 3 B Papers
- 1 C Papers
- 0 D Papers
- 1 E Papers

#### 10 Total Papers

- 0 Panel Discussions
- 1 Tutorials (8 hours)

Refer to the attached PDS Subcommittee Paper Status spreadsheet for detailed information.

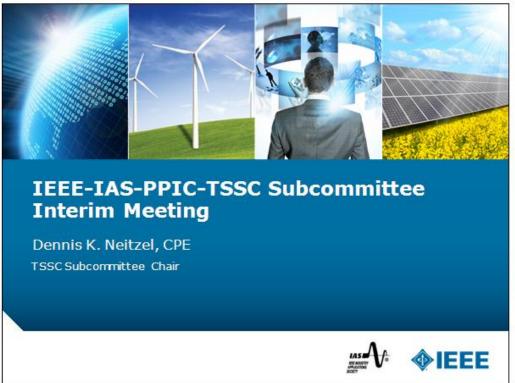
John Kay will be technical program chairman for 2014 conference in Atlanta, GA.

Future Conferences will be:

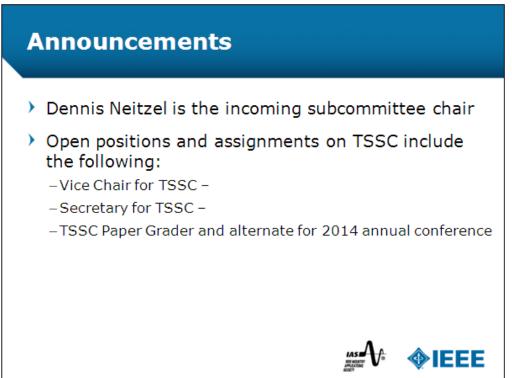
2015 – Milwaukee, WI

2016 – San Antonio, TX

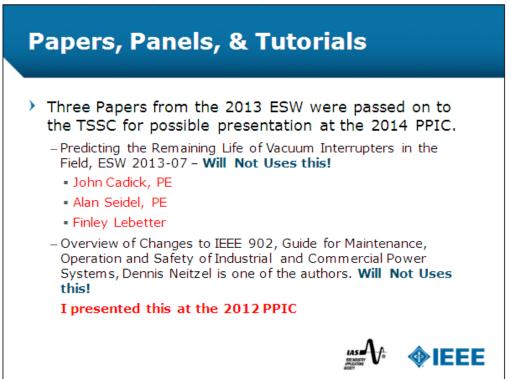
Please contact the writer with any comments or corrections.

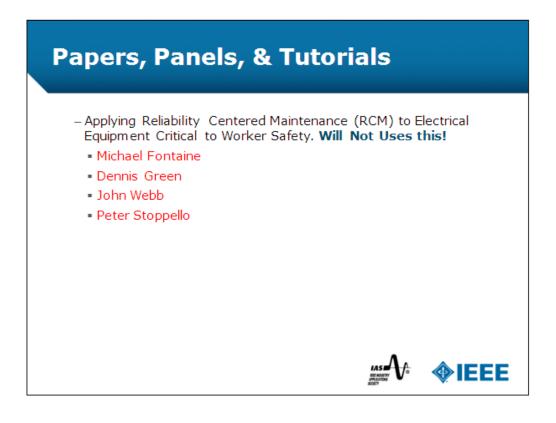


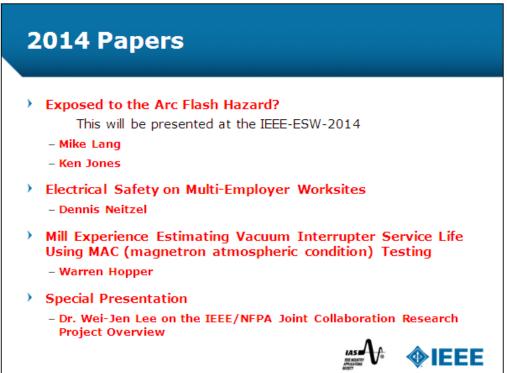


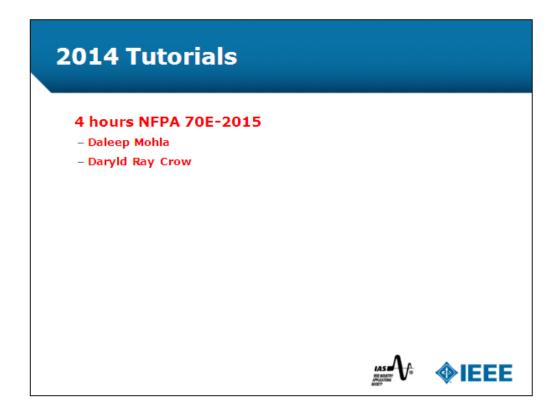


	per Grader						
- L							
	arry Thomas.						
) Pa	pers, Panels	5. & Ti	itoria	ls Sta	tus		
	pero, raneie						t
	Papers	A 0	<u>В</u>	C 0	0	Е 3	
	Tutorials	2	0	0	0	0	
	Panel	0	0	0	0	0	
	Special Presentation	1	0	0	0	0	









# TRAINING, SAFETY, STANDARDS, AND CODES SUBCOMMITTEE



# Papers for 2014 PPIC

	A	в	с	D	E
Papers	2	1	0	0	, o
Tutorials	1	0	0	0	0
Panel	0	0	0	0	0
				on abstrac	t and a
Class A: Paper has a s rough dra	ft in hand r	eady for r	eview.		
Class A: Paper has a s rough dra Class B: Paper has a s hand. Class C: Paper has a s	ft in hand r sponsor, a o sponsor and	eady for r committed d a commi	eview. author, a tted autho	ind an ab or.	
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Class A: Paper has a rough dra Class B: Paper has a s	ft in hand r sponsor, a o sponsor and sponsor and	eady for r committed d a commi	eview. author, a tted autho	ind an ab or.	
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# APPENDIX E

## DRIVES AND CONTROLS SUBCOMMITEE INTERIM MEETING MINUTES

No webinar meeting held.

Paper tally for 2014 as follows:

A = 1 B = 9 C = 4 E = 1

Total = 15

# APPENDIX F

# FOREST PRODUCTS SUBCOMMITEE

Conference call held in October.

4 persons in attendance.

Paper status sheet updated.

# APPENDIX G

### CHECK LISTS FOR AUTHORS AND PAPER SPONSORS

These checklists were created in 2010, by John Kay, to assist sponsors, authors and tutorial sponsors/presenters to insure they understand their roles in the creation, completion and presentation of a technical paper to be presented during a future IEEE Pulp & Paper Conference. They are located on the committee website for use by all.

## PLEASE INSURE YOU ARE FOLLOWING THE THESE CHECKLISTS!

The content of some papers, from some previous conferences, have had some weak areas including incorrect formatting of the papers. Please use these guides as a reminder and aid in Sponsoring, Reviewing and Tutorial preparation.

Website: http://www.pulpandpapercommittee.com/

Go to Future Conferences, then Upcoming Conferences. The links the lists are at the bottom of the page.

#### IEEE PPIC CONFERENCE MEMBERSHIP LIST

EMMANUEL B AGAMLOH IEEE Senior Member PPIC Member Since 7/12 Subcommittee DCS

R KEITH ALLEN [Keith] IEEE Member #08316143 PPIC Member Since 9/06 Subcommittee DCS

MONTE L ARTZ [Monte] IEEE Member #90218450 PPIC Member Since 6/10 Subcommittee PDS

PETER R BAEN [Peter] IEEE Senior Member PPIC Member Since 6/97 Subcommittee PCEMC

VERNON E BEACHUM JR IEEE Member #06767651 PPIC Member Since 7/12 Subcommittee DCS

PARAMJEET SINGN IEEE Member #90379691 PPIC Member Since 7/12 Subcommittee DCS

KEVIN S BORTHWICK IEEE Senior Member PPIC Member Since 10/05 Subcommittee DCS

ROB B BOTELER [Rob] IEEE Senior Member PPIC Member Since 10/04 Subcommittee DCS

JAMES A BRYAN [Jim] IEEE Senior Member PPIC Member Since 6/13 Subcommittee DCS

CHRISTOPHER G IEEE Member #90501665 PPIC Member Since 7/12 Subcommittee PDS

RICHARD D BUTLER IEEE Senior Member PPIC Member Since 6/00 Subcommittee DCS Office: 919-857-9023 Fax: 919-832-2696 Home 919-285-1303 E Mail: eagamloh@ieee.org

Office: 770-754-8549 Fax: 770-754-4789 Home 678-642-1757 E Mail: rallen@ra.rockwell.com

Office: 843-545-2451 Fax: 843-545-2565 Home -E Mail: monte.artz@ipaper.com

Office: 512-396-5801 Fax: 512-396-3627 Home 512-353-1127 E Mail: peter.baen@thermon.com

Office: 301-707-4104 Fax: -Home 304-298-3275 E Mail: vebeachum@citlink.net

Office: 780-296-4431 Fax: -Home 780-296-4431 E Mail:

Office: 604-270-7728 Fax: 604-270-6252 Home 604-998-1405 E Mail: kevin.borthwick@tetratech.com

Office: 314-422-5270 Fax: -Home 636-447-3692 E Mail: rob.boteler@nidec-motor.com

Office: 314-993-2220 Fax: 314-993-2998 Home 618-420-0270 E Mail: jbryan@easa.com

Office: 678-245-6386 Fax: -Home 828-545-4539 E Mail: christopher.burnette@ge.com

Office: 813-466-6442 Fax: 813-466-6401 Home 904-728-8388 E Mail: rdbutler@ra.rockwell.com ADVANCED ENERGY 909 CAPABILITY DRIVE

RALEIGH, NC 27606

ROCKWELL AUTOMATION 11575 GREAT OAKS WAY SUITE 110 ALPHARETTA, GA 30022

INTERNATIONAL PAPER 700 SOUTH FERRY RD

GEORGETOWN, SC 29440

THERMON MANUFACTURING 100 THERMON DR P O BOX 609 SAN MARCOS, TX 78667

VEB PROJECT ENTERPRISES PO BOX 1180

FORT ASHBY, WV 26719

WEYERHAEUSER COMPANY OF PO 1020

GRANDE PRAIRIE, AB T8V 3A9

TETRATECH 100-10851 SHELLBRIDGE WAY

RICHMOND, BC V6X 2W8

EMERSON MOTOR COMPANY 8100 WEST FLORISSANT AVE

ST LOUIS, MO 63136

EASA 1331 BAUR BLVD

ST LOUIS, MO 63132

GE ENERGY 1244 WORLEY COVE ROAD

CANTON, NC 28716

ROCKWELL AUTOMATION PO BOX 8104

FLEMING ISLAND, FL 32006

#### IEEE PPIC CONFERENCE MEMBERSHIP LIST

D RAY CROW [Ray] IEEE Senior Member PPIC Member Since 7/04 Subcommittee TSSC

RADU S CURIAC [Radu] IEEE Member #41387667 PPIC Member Since 8/07 Subcommittee DCS

J C DAS [Jay] IEEE Fellow Member PPIC Member Since 6/01 Subcommittee PDS

GREG W DREWISKE IEEE Senior Member PPIC Member Since 10/05 Subcommittee DCS

DAVID B DUROCHER IEEE Senior Member PPIC Member Since 1/98 Subcommittee PCEMC

PETER F FAMIGHETTI IEEE Senior Member PPIC Member Since 11/87 Subcommittee DCS

MICHAEL J IEEE Senior Member PPIC Member Since 10/05 Subcommittee DCS

RICHARD L FIELD IEEE Senior Member PPIC Member Since 8/07 Subcommittee PDS

H LANDIS FLOYD II IEEE Fellow Member PPIC Member Since 8/02 Subcommittee TSSC

JAMES W GIBSON [Jim] IEEE Member #07149396 PPIC Member Since 6/13 Subcommittee PDS

B L GRAVES [Bruce] IEEE Senior Member PPIC Member Since 6/84 Subcommittee PDS Office: 360-671-5338 Fax: -Home -E Mail: draycrow@aol.com

Office: 770-632-5083 Fax: 770-632-5063 Home 859-803-3745 E Mail: radu.curiac@gardnerdenver.com

Office: 770-688-2656 Fax: 770-688-2501 Home 770-982-8758 E Mail: jay.das@amec.com

Office: 715-422-3449 Fax: 715-422-4183 Home 715-424-0180 E Mail: greg.drewiske@ieee.org

Office: 503-582-2714 Fax: 503-582-2814 Home 503-657-8019 E Mail: davidbdurocher@eaton.com

Office: 602-510-7376 Fax: 919-666-1329 Home -E Mail: pete.famighetti@ieee.org

Office: 843-454-8935 Fax: 843-479-6603 Home 843-383-2959 E Mail:

Office: 859-283-0778 Fax: 859-283-2978 Home 859-647-7154 E Mail: richard.field@postglover.com

Office: 302-999-6390 Fax: 302-999-6273 Home -E Mail: h.l.floyd@ieee.org

Office: 360-713-9884 Fax: 360-713-9869 Home 503-669-7271 E Mail:

Office: 864-627-9511 Fax: 864-627-9564 Home 864-967-4670 E Mail: bruce.graves@ieee.org DRC CONSULTING LTD 336 36TH STREET #389

BELLINGHAM, WA 98225

GARDNER DENVER INC 100 GARDMER PARK

PEACHTREE CITY, GA 30269

AMEC 1979 LAKESIDE PARKWAY SUITE 400 TUCKER, GA 30084

NEW PAGE WISCONSIN RAPIDS 310 3RD AVE NORTH

WISCONSIN RAPIDS, WI 54495

EATON CORPORATION 26850 SW KINSMAN RD

WILSONVILLE, OR 97070

ABB 4699 E BLUE SPRUCE LANE

GILBERT, AZ 85298

DOMTAR PAPER MARLBORO P O BOX 678

BENNETTSVILLE, SC 29512

POST GLOVER RESISTORS INC 1369 COX AVENUE

ERLANGER, KY 41018

DUPONT ENGINEERING 4417 LANCASTER PIKE BLDG 723 ROOM 1106 WILMINGTON, DE 19805

WEYERHAEUSER 4317 NE THURSTON WAY SUITE 100 VANCOUVER, WA 98662

WORLD WIDE TECHNOLOGIES 132A PILGRIM ROAD

GREENVILLE, SC 29607

#### IEEE PPIC CONFERENCE MEMBERSHIP LIST

DONALD J GREY [Don] IEEE Member #00471045 PPIC Member Since 7/04 Subcommittee DCS

BRYAN R GUNTER [Bryan] IEEE Member #90351633 PPIC Member Since 7/09 Subcommittee TSSC

JAMES H HARRIS [Jim] IEEE Member #06795546 PPIC Member Since 6/99 Subcommittee TSSC

ALVIN L HAVENS [AI] IEEE Member #90509962 PPIC Member Since 6/10 Subcommittee TSSC

WARREN A HENSON [Gus] IEEE Senior Member PPIC Member Since 6/99 Subcommittee PDS

WALT A HERBERT [Walt] IEEE Member #91249426 PPIC Member Since 11/12 Subcommittee PCEMC

CHRIS D HERON [Chris] IEEE Member #90316839 PPIC Member Since 7/12 Subcommittee DCS

JEFF J HILL [Bubba] IEEE Member #04667267 PPIC Member Since 7/12 Subcommittee PDS

BRUCE HONDA [Bruce] IEEE Member #90297146 PPIC Member Since 8/08 Subcommittee FPS

WARREN S HOPPER IEEE Senior Member PPIC Member Since 6/00 Subcommittee DCS

JEFF IRELAND [Jeff] IEEE Member #90382174 PPIC Member Since 10/11 Subcommittee DCS Office: 262-785-3417 Fax: 262-785-0417 Home 262-354-8109 E Mail: djgrey@ieee.org

Office: 804-444-7600 Fax: -Home 919-2853948 E Mail: bryan.gunter@mwv.com

Office: 704-321-5430 Fax: 704-321-5464 Home 704-321-5430 E Mail: jharris@generalcable.com

Office: 312-310-3080 Fax: 219-926-9179 Home 312-310-3080 E Mail: al.havens@e-hazard.com

Office: 205-475-6508 Fax: 205-985-2488 Home 205-985-0465 E Mail: warrenhenson@eaton.com

Office: 864-354-2915 Fax: -Home -E Mail: walt.herbert@baldor.abb.com

Office: 512-218-7534 Fax: 512-218-7435 Home 512-638-0224 E Mail: chris.heron@ieee.org

Office: 920-438-4085 Fax: -Home 920-676-2709 E Mail: jeff.hill@gapac.com

Office: 253-924-6543 Fax: -Home 253-838-0734 E Mail:

Office: 541-988-7544 Fax: 541-988-0610 Home 541-895-3140 E Mail: warrenhopper@ieee.org

Office: 864-270-1101 Fax: 864-599-5370 Home 864-578-4926 E Mail: jeff.ireland@dynapar.com ABB INC 16250 W GLENDALE DRIVE

NEW BERLIN, WI 53151

MWV 501 S 5TH STREET

RICHMOND, VA 23219

GENERAL CABLE CORP PO BOX 21116

CHARLOTTE, NC 28277

E-HAZARD MANAGEMENT LLC 515 FIRST STREET NORTH

PORTER, IN 96304

EATON 226 CAHABA VALLEY PKWY

PELHAM, AL 35124

BALDOR ELECTRIC COMPANY 6040 PONDERS COURT

GREENVILLE, NC 29615

TECO WESTINGHOUSE MOTOR 5100 N I35

ROUND ROCK, TX 78626

GEORGIA PACIFIC 1919 S BROADWAY

GREEN BAY, WI 54304

WEYERHAEUSER PO BOX 9777

FEDERAL WAY, WA 98063

WEYERHAEUSER COMPANY PO BOX 275

SPRINGFIELD, OR 97477

DYNAPAR 1675 DELANY RD

GURNEE, IL 60031

#### IEEE PPIC CONFERENCE MEMBERSHIP LIST

M JUBIN JACKSON [Jubin] IEEE Member #07677743 PPIC Member Since 7/04 Subcommittee DCS

R R JOHNSON [Rory] IEEE Senior Member PPIC Member Since 9/83 Subcommittee FPS

WALTER V JONES [Walt] IEEE Senior Member PPIC Member Since 9/79 Subcommittee DCS

BURTON M JUDSON JR IEEE Senior Member PPIC Member Since 10/65 Subcommittee PCEMC

JOHN A KAY [John] IEEE Senior Member PPIC Member Since 6/95 Subcommittee FPS

PHILIP D KIMBRELL [Phil] IEEE Member #40147184 PPIC Member Since 6/13 Subcommittee PDS

MIKE R KOZLOWSKI [Mike] IEEE Senior Member PPIC Member Since 6/05 Subcommittee DCS

DONALD A LANSER [Don] IEEE Member #92321042 PPIC Member Since 7/12 Subcommittee DCS

ROGER G LAWRENCE IEEE Life Fellow Member PPIC Member Since 8/07 Subcommittee DCS

TODD T LEGETTE [Todd] IEEE Senior Member PPIC Member Since 9/06 Subcommittee PDS

JOHN S LEVINE [John] IEEE Senior Member PPIC Member Since 5/92 Subcommittee PDS Office: 803-981-8357 Fax: 803-981-8538 Home 803-285-5697 E Mail: jubin.jackson@ieee.org

Office: 253-924-6106 Fax: -Home 253-529-4103 E Mail: rory.johnson@weyerhaeuser.com

Office: 540-529-3459 Fax: 540-591-5227 Home 540-591-5227 E Mail: walterjones@ntelos.net

Office: 440-646-7242 Fax: 440-646-7352 Home 440-946-3668 E Mail: bmjudsonjr@ra.rockwell.com

Office: 519-740-4734 Fax: 519-740-9871 Home 519-578-4836 E Mail: jakay@ra.rockwell.com

Office: 205-940-4115 Fax: 205-871-4894 Home 205-403-9868 E Mail: pkimbrell@wgyates.com

Office: 864-421-3794 Fax: -Home 864-414-1273 E Mail:

Office: 314-595-8525 Fax: 314-595-8315 Home 314-961-9323 E Mail: don.lanser@nidec-motor.com

Office: 919-515-6682 Fax: 919-460-0936 Home 919-460-9974 E Mail: rogerlawrence@rglsolutions.com

Office: 513-248-6180 Fax: 901-214-0893 Home 513-575-0947 E Mail: todd.legette@ipaper.com

Office: 770-565-1556 Fax: 770-973-9264 Home 770-956-0024 E Mail: john@L-3.com RESOLUTE FOREST PRODUCTS 5300 CURETON FERRY RD PO BOX 7 CATAWBA, SC 29704

WEYERHAEUSER COMPANY P O BOX 9777 WTC 1D41 FEDERAL WAY, WA 98063 9777

RETIRED 215 STONELEDGE DRIVE

ROANOKE, VA 24019

ROCKWELL AUTOMATION 1 ALLEN BRADLEY DR

MAYFIELD HEIGHTS, OH 44124

ROCKWELL AUTOMATION 135 DUNDAS STREET

CAMBRIDGE, ON NIR 5X1

YATES ENGINEERING LLC 1855 DATA DRIVE SUITE 200 BIRMINGHAM, AL 35244

ABB 515 WINDY MEADOW WAY

SIMPSONVILLE, SC 29680

NIDEC MOTOR CORPORATION 8050 W FLORISSANT AVE

ST LOUIS, MO 63136

RGL SOLUTIONS 1017 MAIN CAMPUS DRIVE SUITE 2000 RALEIGH, NC 27606

INTERNATIONAL PAPER CORPORATE TECHNOLOGY 6283 TRI RIDGE BLVD LOVELAND, OH 45140

LEVINE LECTRONICS & LECTRIC 200 POWERS FERRY ROAD

MARIETTA, GA 30067

#### IEEE PPIC CONFERENCE MEMBERSHIP LIST

PATRICK J LINK [Pat] IEEE Senior Member PPIC Member Since 6/93 Subcommittee DCS

BLAKE A LLOYD [Blake] IEEE Senior Member PPIC Member Since 2/94 Subcommittee PCEMC

ANTHONY S LOCKER IEEE Senior Member PPIC Member Since 7/04 Subcommittee PDS

ROBERT D LORENZ [Bob] IEEE Fellow Member PPIC Member Since 6/00 Subcommittee DCS

J ALAN LOWE [Alan] IEEE Life Senior Member PPIC Member Since 12/86 Subcommittee DCS

DAVID MABIUS [David] IEEE Member #92020133 PPIC Member Since 10/11 Subcommittee PDS

JOHN E MALINOWSKI IEEE Senior Member PPIC Member Since 10/01 Subcommittee FPS

GEORGE R MATTO IEEE Senior Member PPIC Member Since 12/80 Subcommittee PCEMC

DAVID C MAZUR [Dave] IEEE Member #90245680 PPIC Member Since 6/13 Subcommittee PDS

CHAD MCLELLAND [Chad] IEEE Applicant # PPIC Member Since 8/07 Subcommittee DCS

LAWRENCE A MENCHE IEEE Member #1917806 PPIC Member Since 4/94 Subcommittee PCEMC Office: 706-883-6996 Fax: 706-883-6997 Home 706-883-7440 E Mail: plink@asdsinc.com

Office: 416-620-5600 Fax: 416-620-1995 Home 416-710-0798 E Mail: blloyd@qualitrolcorp.com

Office: 513-404-2222 Fax: 877-847-0500 Home -E Mail: aslocker@ieee.org

Office: 608-262-5343 Fax: 608-263-2316 Home 608-273-3272 E Mail: r.d.lorenz@ieee.org

Office: 770-688-2575 Fax: 770-688-2501 Home 770-921-4377 E Mail: alan.lowe@ieee.org

Office: 615-459-8513 Fax: -Home -E Mail: david.mabius@schneider-

Office: 479-648-5909 Fax: 479-648-5972 Home 479-484-7898 E Mail: jmalinowski@ieee.org

Office: 503-807-5101 Fax: -Home 503-807-5101 E Mail: matto@okonite.com

Office: 262-395-9330 Fax: -Home 262-395-9330 E Mail: dcmazur@ra.rockwell.com

Office: 513-379-7432 Fax: -Home 513-583-1872 E Mail: chad.mclelland@siemens.com

Office: 270-927-7406 Fax: 270-927-7479 Home 270-344-1517 E Mail: larry.menche@domtar.com ADJUSTABLE SPEED DRIVE 215 RIVER OAKS DRIVE

LAGRANGE, GA 30240

IRIS POWER LP 3110 AMERICAN DR

MISSISSAUGA, ON L4V 1T2

CINCINNATI, OH 45230

UNIVERSITY OF WISCONSIN 1513 UNIVERSITY AVE

MADISON, WI 53706

AMEC 1979 LAKESIDE PARKWAY SUITE 400 TUCKER, GA 30084

SCHNEIDER ELECTRIC 330 WEAKLEY LANE

SMYRNA, TN 37167

BALDOR ELECTRIC CO PO BOX 2400

FORT SMITH, AR 72902

THE OKONITE COMPANY 670 SW VIEWMONT DR

PORTLAND, OR 97225

ROCKWELL AUTOMATION CP&S 6400 W ENTERPRISE DRIVE

MEQUON, WI 53092

SIEMENS INDUSTRY INC 4620 FOREST AVE

NORWOOD, OH 45212

DOMTAR PAPER COMPANY LLC 58 WESCOR RD

HAWESVILLE, KY 42348

#### IEEE PPIC CONFERENCE MEMBERSHIP LIST

WILLIAM MERKEL [Bill] IEEE Member #01252501 PPIC Member Since 7/12 Subcommittee DCS

STANLEY Y MERRITT IEEE Life Senior Member PPIC Member Since 6/78 Subcommittee PDS

GUY K MILLER [Guy] IEEE Member # PPIC Member Since 10/09 Subcommittee FPS

DALEEP C MOHLA [Daleep] IEEE Fellow Member PPIC Member Since 10/05 Subcommittee TSSC

HUGO MONTERRUBIO IEEE Member #00566661 PPIC Member Since 6/10 Subcommittee PDS

ROBERT M MONTGOMERY IEEE Senior Member PPIC Member Since 6/99 Subcommittee PCEMC

W HOWARD MOUDY IEEE Member #91083143 PPIC Member Since 10/12 Subcommittee PDS

CHARLES J MOZINA IEEE Life Fellow Member PPIC Member Since 7/04 Subcommittee PDS

DENNIS K NEITZEL IEEE Senior Member PPIC Member Since 7/12 Subcommittee TSSC

FELIX J NEPVEUX [Felix] IEEE Senior Member PPIC Member Since 7/04 Subcommittee PCEMC

C JERRY NUERNBERGER IEEE Senior Member PPIC Member Since 8/07 Subcommittee PCEMC Office: 216-905-5793 Fax: -Home 440-781-5018 E Mail: bmerkel@avtron-ia.com

Office: 757-647-8390 Fax: -Home 757-647-8390 E Mail:

Office: 205-257-2230 Fax: 205-257-4363 Home 205-655-6099 E Mail: gkmiller@southernco.com

Office: 281-261-7081 Fax: -Home 281-261-7081 E Mail: d.c.mohla@ieee.org

Office: 954-389-8989 Fax: -Home -E Mail:

Office: 843-745-3802 Fax: 843-745-3829 Home 843-572-3225 E Mail:

Office: 724-787-4967 Fax: 724-468-0466 Home -E Mail: hmoudy@national-electric-

Office: 727-365-7858 Fax: 727-365-7858 Home 727-365-7858 E Mail: cmozina@aol.com

Office: 214-331-7315 Fax: 214-331-7363 Home 972-775-2620 E Mail: dennis.neitzel@avotraining.com

Office: 864-676-6303 Fax: 864-676-4789 Home 864-297-0737 E Mail: felix.nepveux@jacobs.com

Office: 425-644-6225 Fax: 425-401-2260 Home 425-466-9215 E Mail: jerrynuernberger@eaton.com AVTRON INDUSTRIAL 7555 E PLEASANT VALLEY RD

INDEPENDENCE, OH 44131

MERRITT AND ASSOCIATES INC 1105 HAMPTON RIDGE

BEDFORD, VA 24523

ALABAMA POWER COMPANY 600 N 18TH STREET BIN 6N-0883 BIRMINGHAM, AL 35291

DCM ELECTRICAL CONSULTING 4702 SUMMER LAKES

MISSOURI CITY, TX 77459

BECKWITH ELECTRIC CO 1186 CAMELLIA CIRCLE

WESTON, FL 33326

KAPSTONE 5600 VIRGINIA AVE PO BOX 118005 CHARLESTON, SC 29423 8005

NATIONAL ELECTRIC COIL 1044 MANOR VUE CT

DELMONT, PA 15626

BECKWITH ELECTRIC 6190-118TH AVE N

LARGO, FL 33773 3724

AVO TRAINING INSTITUTE INC 4271 BRONZE WAY

DALLAS, TX 75237

JACOBS ENGINEERING 1041 E BUTLER RD

GREENVILLE, SC 29606

EATON 13205 SE 30TH STREET

BELLEVUE, WA 98005

#### IEEE PPIC CONFERENCE MEMBERSHIP LIST

MARK K OBENHAUS IEEE Member #92306816 PPIC Member Since 7/12 Subcommittee PDS

LARRY R OLSEN [Larry] IEEE Senior Member PPIC Member Since 9/06 Subcommittee DCS

JAMES N PHILLIPS [Jim] IEEE Member #92432150 PPIC Member Since 6/13 Subcommittee PDS

CRAIG M PINTO [CRAIG] IEEE Senior Member PPIC Member Since 8/02 Subcommittee DCS

STEPHEN D PITTMAN IEEE Senior Member PPIC Member Since 7/12 Subcommittee DCS

DAVID C RAINS [David] IEEE Member #01243013 PPIC Member Since 8/07 Subcommittee DCS

DUNCAN J. RHODES IEEE Senior Member PPIC Member Since 9/96 Subcommittee DCS

ROBERT T RICHARDS IEEE Applicant #91121854 PPIC Member Since 10/10 Subcommittee DCS

ROLAND P ROBERGE IEEE Member #04256947 PPIC Member Since 8/07 Subcommittee PCEMC

WADE S ROBINSON IEEE Member #92325056 PPIC Member Since 6/13 Subcommittee PCEMC

DAVID T ROLLAY [Dave] IEEE Senior Member PPIC Member Since 4/82 Subcommittee TSSC Office: 314-578-9230 Fax: -Home 636-227-2736 E Mail: mobenhaus@i-gard.com

Office: 920-969-2190 Fax: 920-729-4484 Home 920-739-8486 E Mail: lolsen@ieee.org

Office: 205-940-4129 Fax: -Home 205-871-2781 E Mail: jim.phillips@wgyates.com

Office: 912-236-8001 Fax: 912-376-0659 Home 912-236-6409 E Mail: craigmpinto@ieee.org

Office: 208-799-1756 Fax: -Home 208-743-6807 E Mail:

Office: 281-799-0700 Fax: 832-550-2910 Home -E Mail: dcrains@ieee.org

Office: 541-525-5777 Fax: -Home 541-683-5429 E Mail: duncanrhodes@ieee.org

Office: 404-229-8738 Fax: 512-248-5617 Home 404-943-0336 E Mail: richardr@tecowestinghouse.com

Office: 864-458-7700 x280 Fax: -Home 864-286-3227 E Mail: roly.roberge@morganplc.com

Office: 301-359-3311 x3372 Fax: -Home 301-876-8920 E Mail:

Office: 715-235-2027 Fax: -Home 414-529-2427 E Mail: daverollay@gmail.com I-GARD 1022 JULIANNA DR

BALLWIN, MO 63011

WERNER ELECTRIC SUPPLY 2341 INDUSTRIAL DRIVE P O BOX 668 NEENAH, WI 54956

YATES ENGINEERING LLC 1855 DATA DRIVE SUITE 200 BIRMINGHAM, AL 35244

CSNGINEERING LLC 105 WEDGEFIELD CROSSING

SAVANNAH, GA 31405 1009

CLEARWATER PAPER 803 MILL RD

LEWISTON, ID 83501

3219 STEPHENS CREEK LANE

SUGAR LAND, TX 77478

1005 LEWIS AVE NO 1

EUGENE, OR 97402

TECO WESTINGHOUSE MOTOR 260 WINDSOR GATE COVE NE

ATLANTA, GA 30342

MORGAN ADVANCED MATERIALS 251 FORRESTER DRIVE

GREENVILLE, SC 29681

NEW PAGE CORPORATION LUKE PAPER COMPANY 300 PRATT STREET LUKE, MD 21540

ROCKWELL 1201 SOUTH 2ND ST

MILWAUKEE, WI 53202

#### IEEE PPIC CONFERENCE MEMBERSHIP LIST

PAUL J ROUILLIER [Paul] IEEE Senior Member PPIC Member Since 9/90 Subcommittee TSSC

RICHARD C SCHAEFER IEEE Senior Member PPIC Member Since 6/98 Subcommittee PDS

CHARLES B SCURRY IEEE Member # PPIC Member Since 6/10 Subcommittee FPS

RALPH W SHEAD [Ralph] IEEE Member #4507711 PPIC Member Since 6/84 Subcommittee TSSC

RHONDA D SHEPPARD IEEE Senior Member PPIC Member Since 7/95 Subcommittee PCEMC

WALTER B SIMPSON IEEE Member #92696194 PPIC Member Since 6/13 Subcommittee PDS

GLENN A SMITH [Glenn] IEEE Senior Member PPIC Member Since 6/00 Subcommittee PDS

TERRENCE L SMITH IEEE Member #90489699 PPIC Member Since 10/11 Subcommittee PDS

MARK A SPEARS [Mark] IEEE Member #08727992 PPIC Member Since 10/05 Subcommittee DCS

PATRICK L STANDLEY IEEE Member #80652158 PPIC Member Since 6/13 Subcommittee DCS

LARRY K THOMAS [Larry] IEEE Senior Member PPIC Member Since 11/87 Subcommittee TSSC Office: 205-913-3335 Fax: 205-991-4225 Home 205-425-4323 E Mail: paul.rouillier@tmeic-ge.com

Office: 618-654-2341 Fax: 618-654-2351 Home 618-539-5402 E Mail: richschaefer@basler.com

Office: 404-506-6889 Fax: -Home -E Mail: cbscurry@southernco.com

Office: 678-654-3824 Fax: -Home 770-921-8921 E Mail: rwshead@ieee.org

Office: 843-371-0700 Fax: 843-216-9726 Home 843-884-3402 E Mail: rdbanks@ieee.org

Office: 904-277-1440 Fax: -Home 912-269-2589 E Mail: walter.simpson@rayonier.com

Office: 318-398-1007 Fax: 318-361-0962 Home 318-387-6774 E Mail: glenn.smith@ipaper.com

Office: 423-304-0843 Fax: -Home -E Mail: terrence.smith@ge.com

Office: 678-234-2505 Fax: 678-804-1839 Home 770-614-0891 E Mail: markspears@ieee.org

Office: 208-863-4262 Fax: -Home -E Mail:

Office: 541-484-2822 Fax: 541-484-7084 Home 541-484-2820 E Mail: larrythomas@ieee.org TMEIC GE 31 INVERNESS CENTER SUITE 500 BIRMINGHAM, AL 35242

BASLER ELECTRIC BOX 269 RT 143 HIGHLAND, IL 62249

GEORGIA POWER 241 RALPH MCGILL BLVD

ATLANTA, GA 30308

ELECTRIC CABLE SALE SERVICES 375 ROCKBRIDGE RD NO. 172-217 LILBURN, GA 30047

INSTRUMENTATION DESIGN 303 ISAW DR

MOUNT PLEASANT, SC 29464

RAYONIER BOX 2002 10 GUM STREET FERNANDINA BEACH, FL 32035

INTERNATIONAL PAPER 2500 N SEVENTH ST SUITE 300 WEST MONROE, LA 71291

GE DIGITAL ENERGY 4650 PARKER LOOP RD

BIRCHWOOD, TN 37308

ROCKWELL AUTOMATION 402 SPRING WILLOW DR

SUGAR HILL, GA 30518

BALDOR ELECTRIC COMPANY / 7154 W STATE STREET

BOISE, ID 83714

L K THOMAS ENGINEERING INC 2820 CHUCKANUT

EUGENE, OR 97408

#### IEEE PPIC CONFERENCE MEMBERSHIP LIST

MICHAEL G TRIBE [Mike] IEEE Senior Member PPIC Member Since 7/04 Subcommittee PCEMC

MARCELO E VALDES IEEE Senior Member PPIC Member Since 7/04 Subcommittee PDS

ANIBAL VALENZUELA IEEE Senior Member PPIC Member Since 8/99 Subcommittee DCS

WILLIAM S VILCHECK [Bill] IEEE Senior Member PPIC Member Since 2/98 Subcommittee PDS

HENRY G WACHTER IEEE Senior Member PPIC Member Since 1/91 Subcommittee DCS

ALLEN J WATSON JR [AI] IEEE Senior Member PPIC Member Since 10/01 Subcommittee PCEMC

MARK D WEAVER [Mark] IEEE Senior Member PPIC Member Since 1/85 Subcommittee DCS

CRAIG G WESTER [Craig] IEEE Member #02543668 PPIC Member Since 7/09 Subcommittee PDS

JAMES R WHITE [Jim] IEEE Senior Member # PPIC Member Since 7/12 Subcommittee TSSC

JAMES C WILLIAMS [Jim] IEEE Life Senior Member PPIC Member Since 7/12 Subcommittee TSSC

ALEX Y WU [Alex] IEEE Senior Member PPIC Member Since 3/83 Subcommittee PDS Office: 360-713-9840 Fax: 253-928-2109 Home 503-703-6458 E Mail: mike.tribe@weyerhaeuser.com

Office: 860-747-7782 Fax: 860-747-7797 Home -E Mail: marcelo.valdes@ge.com

Office: 56-41-2203227 Fax: 56-41-2246999 Home 56-41-2285660 E Mail: anivalenz@udec.cl

Office: 724-779-5853 Fax: 724-779-5869 Home 724-841-0832 E Mail: williamsvilcheck@eaton.com

Office: 404-229-8735 Fax: -Home 770-622-4322 E Mail: hank\_wachter@ieee.org

Office: 843-709-8323 Fax: 843-569-7446 Home 843-553-1095 E Mail: awatt101@hotmail.com

Office: 425-519-5131 Fax: -Home 262-573-1604 E Mail: 3quarks@ieee.org

Office: 678-591-5018 Fax: 678-731-1571 Home 770-271-5537 E Mail: craig.wester@ge.com

Office: 972-793-5523 Fax: -Home 214-912-9577 E Mail: jrwhite@shermco.com

Office: 503-266-3991 Fax: -Home 503-266-3991 E Mail: jimw1@web-ster.com

Office: 770-475-3838 x 11 Fax: 770-475-3232 Home 770-399-6081 E Mail: alexwu@ieee.org WEYERYHAEUSER COMPANY 4317 NE THURSTON WAY SUITE 100 VANCOUVER, WA 98662

GE ENERGY INDUSTRIAL 41 WOODFORD AVE

PLAINVILLE, CT 06062

UNIVERSITY OF CONCEPCION DEPT OF ELECTRICAL CASILLA 160-C CORREO 3 CONCEPCION, CHILE

EATON CORPORATION 130 COMMONWEALTH DR

WARRENDALE, PA 15086

RETIRED 8320 KENNINGSTON

DULUTH, GA 30097

INSTRUMENTATION DESIGN 101 SADDLEBACK CIRCLE

GOOSE CREEK, SC 29445

ROCKWELL AUTOMATION 15375 SE 30TH PLACE

BELLEVUE, WA 98007

GE DIGITAL ENERGY MULTILIN 2569 SABLE RIDGE CT

BUFORD, GA 30519

SHERMCO INDUSTRIES 2425 E PIONEER DRIVE

IRVING, TX 75061

JC WILLIAMS CONSULTING BOX 542

CANBY, OR 97013

GLOBAL ENGINEERING P O BOX 88444

ATLANTA, GA 30356

# IEEE PPIC CONFERENCE MEMBERSHIP LIST

MARK K ZAWADZKI IEEE Senior Member PPIC Member Since 7/97 Subcommittee DCS

DAVID ZIMMER [Dave] IEEE Senior Member PPIC Member Since 8/08 Subcommittee DCS Office: 513-248-6227 Fax: -Home 513-576-0577 E Mail: mark.zawadzki@ipaper.com

Office: 763-261-6173 Fax: 763-261-5311 Home 320-761-4432 E Mail: davidzimmer@libertypaper.com INT'L PAPER MFG TECHNOLOGY CENTER 6283 TRI-RIDGE BLVD LOVELAND, OH 45140

LIBERTY PAPER INC 13500 LIBERTY LANE

BECKER, MN 55308

# **APPENDIX I**

# IEEE PPIC CONFERENCE ATTENDANCE LIST

H	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13
E	A/I	AI	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I
Emmanuel Agamioh				<u> </u>		<u> </u>		<u> </u>																	~	Nov	N/O	0.0			/E	X/
Keith Allen Monte Artz	<u> </u>			<u> </u>		<u> </u>	<u> </u>		-																X	X/X	X/O	0/0	X/0 X/0	X/O 0/0	X/E 0/0	X/ X/
Peter Baen	<u> </u>			<u> </u>		<u> </u>		<u> </u>								/X	0/X	х/х	X/E	O/E	E/X	X/E	O/E	X/E	O/E	X/X	E/E	X/X	X/E	E/0	E/E	0/
Vernon Beachum																~	01	~~	~		57	NL.	OIL.	~L	0/2	~~~		~~	NL.	00	/E	X
Param Bhinder	-																-											-			10	O/
Kevin Borthwick																	_						_		O/E	X/X	X/X	X/E	0/0	0/0	X/O	0/
Rob Boteler																							/X	X/E	X/X	X/O	X/O	X/O	E/O	X/O	X/O	0/
Christopher Burnette																															/X	X/
Rich Butler																		X/X	X/X	X/O	X/E	X/X	X/X	X/E	0/0	0/0	E/O	O/E	E/E	0/0	O/X	X/
Ray Crow																															X/E	0/
Radu Curiac																											X/O	X/O	X/O	X/O	0/0	0/
Norm Danz	<u> </u>																									E/X	X/X	X/E	E/O	0/0	0/0	0/
Jay Das Gran Drawiska	<u> </u>																		-/X	X/X	X/X	E/X	X/E	X/E X/X	O/X X/X	X/X X/X	X/X X/X	X/X X/E	X/X	X/X X/X	X/X X/X	X/ X/
Greg Drewiske David Durocher	<u> </u>			<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>								x/x	x/x	х/х	x/x	x/x	X/X	x/x	x/x	XX	XX	XX	X/X	X/X	X/E X/X	X/X	XX	X/
Pete Famighetti							X/O	хю	X/E	x/x	X/E	X/E	E/E	E/E	E/E		_	0/0		E/E	_	XÆ	_	XX	X/E	XX	E/X	X/E	0/E	X/E	XX	× X/
Michael Feldkirchner	-			<u> </u>		<u> </u>	~~~	~~	~-	~~	~	/VE	00	2/2		0.0	~-	0		2/2	0.2	~-	~-	XÆ	0/0	XIO	X/O	X/E	X/X	XX	X/X	X
Richard Field																	_						_		0.0	/E	X/E	X/O	X/O		X/O	X/
Lanny Floyd																					хю	0/0	X/E	0/0	0/0	0/0	X/O	O/E	0/0	0/0	0/0	0/
Bruce Graves			X/X	E/X	X/X	X/X	X/X	X/X	E/E	X/X	E/X	E/0	E/E	X/O	O/X	X/X	E/E	0/X	X/X	X/X	X/X	X/X	_	0/0	0/0	E/O	X/E	X/E	E/0	0/0	0/0	E/
Don Grey																							X/X	X/X	X/E	X/E	X/E	X/O	X/E	X/E	X/X	X/
Bryan Gunter																												X/X	X/E		E/E	X/
James Harris																	-/X	O/X	O/X	X/E	X/E	X/X	E/X	O/E	E/E	E/0	0/0	O/E	O/E	O/E	0/0	0/
Al Havens																			-									2000	X/0	X/E	0/0	E/
Warren Henson	<u> </u>			<u> </u>		<u> </u>												O/X	X/E	0/X	X/E	E/0	O/E	0/0	O/X	E/0	0/X	X/O	X/E	X/E	X/E	X/
Walt Herbert Chris Heron				<u> </u>		<u> </u>		<u> </u>																							/X /E	X/ X/
Jeff Hill				<u> </u>		<u> </u>		<u> </u>	-																			<u> </u>	<u> </u>	-	/E	E/
Bruce Honda	<u> </u>			<u> </u>	<u> </u>	<u> </u>		<u> </u>									_						_				X/O	E/O	O/E	E/O	X/E	0/
Warren Hopper																			X/E	0/0	X/E	X/E	X/E	X/E	x/o	x/x	X/E	X/X	X/X	X/E	X/E	X/
Jeff Ireland																														X/O	X/O	X/
Jubin Jackson																							/E	X/E	O/E	X/O	0/0	0/0	0/0	X/O	X/O	X/
Rory Johnson		<i>/</i> O	X/X	X/X	X/E	E/O	E/E	X/X	X/O	X/O	X/X	X/O	X/E	X/X	X/O	X/X	X/X	X/X	E/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	E/E	X/E	X/O	X/E	X/
Walt Jones	Χ/Х	X/X	X/X	X/E	E/E	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	O/X	X/X	X/X	X/X	XX	X/X	E/E	X/E	E/X	X/X	X/X	X/X	X/X	X/X	X/X	X/E	X/O	X/E	X/
Burt Judson	X/E	X/X	X/E	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/E	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/
John A. Kay	<u> </u>														X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/E	X/X	X/
Mike Kozlowski																								X/O	0/0	X/O	X/O	0/0	0/0	X/O	O/E	X/ E/
Don Lanser Roger Lawrence	<u> </u>			<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>																			0/X	X/O	E/E	0/0	/E 0/X	E/ X/
Todd Legette	-					<u> </u>											_								/0	E/O	XOX	X/X	E/X	X/X	E/E	x
John Levine											/X	E/X	x/x	E/X	X/E	0/X	X/X	O/X	X/E	O/X	E/E	x/x	X/E	X/E	0/X	X/X	X/X	X/X	X/X	X/X	E/O	X
Pat Link												/X		E/E		O/X	X/X	X/E	X/E	X/X	X/O	X/X		O/X		X/E	X/E	X/X	X/X	O/E	E/E	X/
Blake Lloyd													X/E	V/V	X/X	X/X	X/X	X/E	X/E	X/X	X/X	X/X	X/X	Χ/Х	X/X	X/X	X/X	X/X	X/X	X/E	X/E	X/
Anthony Locker														X/X		~~	~~						1000	10.04		X/X		X/O		X/O	X/O	X/
Bob Lorenz														~~		~~	~~						X/O	X/X	0/0	NA.	E/X	20	X/O	20	100	
Alam Laura														~~~		~~	~~		x/o	0/0	хю	X/O	X/E	X/E	X/E	X/E	E/X X/O	X/0	X/O E/E	X/0	X/E	X/
Alan Lowe						O/E	X/E	X/X	x/x	X/X	X/X	x/x	X/E	XX	x/x			x/x	X/O X/E	0/0 X/X	X/O X/X	X/O X/X	X/E	X/E						X/O E/X	X/E X/X	X/
David Mabius						O/E	X/E	X/X	X/X	X/X	X/X	x/x						Х/X		X/X	X/X	X/X	X/E X/X	X/E X/X	X/E E/X	X/E X/X	X/O X/X	X/O X/X	E/E X/X	X/O E/X X/O	X/E X/X O/E	X/ O/
David Mabius John Malinowski													X/E	X/X	X/X	x/x	X/X		X/E	x/x x/x	x/x x/x	x/x x/x	X/E X/X X/X	X/E X/X X/X	X/E E/X X/X	X/E X/X X/E	X/O X/X X/O	X/O X/X X/O	E/E X/X X/X	X/O E/X X/O X/O	X/E X/X O/E X/X	X/ O/ X/
David Mabius John Malinowski George Matto	E/O	X/E	E/E	X/E	E/E	O/E X/E	X/E X/E					X/X X/0	X/E	X/X	X/X	x/x	X/X	X/X X/E		X/X	X/X	X/X	X/E X/X X/X	X/E X/X	X/E E/X	X/E X/X	X/O X/X X/O X/E	X/O X/X X/O X/O	E/E X/X X/X X/X	X/O E/X X/O X/O X/O	X/E X/X O/E X/X X/E	X/ O/ X/ O/
David Mabius John Malinowski George Matto Chad McLelland	E/O	X/E	E/E	X/E	E/E								X/E X/O	X/X E/O	X/X X/E	X/X X/E	X/X 0/0	X/E	X/E X/E	X/X X/X X/E	X/X X/X X/X	X/X X/X X/O	X/E X/X X/X X/E	X/E X/X X/X X/E	X/E E/X X/X X/E	X/E X/X X/E X/E	X/O X/X X/O X/O X/E O/O	X/O X/X X/O X/O X/X O/O	E/E X/X X/X X/E X/E	X/O E/X X/O X/O X/O 0/O	X/E X/X O/E X/X X/E X/E	X/ O/ X/ O/ O/
David Mabius John Malinowski George Matto	E/O	X/E	E/E	X/E	E/E								X/E	X/X	X/X X/E	X/X X/E	X/X 0/0		X/E X/E	X/X X/X X/E	X/X X/X X/X	X/X X/X X/O	X/E X/X X/X X/E	X/E X/X X/X X/E	X/E E/X X/X X/E	X/E X/X X/E X/E	X/O X/X X/O X/O X/E O/O	X/O X/X X/O X/O	E/E X/X X/X X/E X/E	X/O E/X X/O X/O X/O 0/O	X/E X/X O/E X/X X/E X/E	X/ O/ X/ O/
David Mabius John Malinowski George Matto Chad McLelland Larry Menche	E/0						X/E		E/E	хю	0/0		X/E X/O X/E	X/X E/O X/X	X/X X/E X/O	X/X X/E X/E	X/X 0/0 E/E	X/E X/X	X/E X/E X/O	X/X X/X X/E E/X	X/X X/X X/X X/E	X/X X/X X/O X/X	X/E X/X X/X X/E	X/E X/X X/X X/E X/E	X/E E/X X/X X/E X/X	X/E X/X X/E X/E X/X	X/O X/X X/O X/E O/O X/X	X/O X/X X/O X/X O/O X/E	E/E X/X X/X X/E X/E	X/O E/X X/O X/O X/O X/O X/X	X/E X/X O/E X/X X/E X/E /O	X/ O/ X/ O/ O/ X/
David Mabius John Malinowski George Matto Chad McLelland Larry Menche Bill Merkel						X/E	X/E	X/O	E/E	хю	0/0	X/O	X/E X/O X/E	X/X E/O X/X	X/X X/E X/O	X/X X/E X/E	X/X 0/0 E/E	X/E X/X	X/E X/E X/O	X/X X/X X/E E/X	X/X X/X X/X X/E	X/X X/X X/O X/X	X/E X/X X/X X/E X/X	X/E X/X X/X X/E X/E	X/E E/X X/X X/E X/X	X/E X/X X/E X/E X/X	X/O X/X X/O X/E O/O X/X	X/O X/X X/O X/X O/O X/E	E/E X/X X/X X/E X/E X/E O/O	X/O E/X X/O X/O X/O X/O X/X	X/E X/X O/E X/X X/E X/E /O	X/ O/ X/ O/ X/ O/
David Mabius John Malinowski George Matto Chad McLelland Larry Menche Bill Merkel Stan Merritt Guy Miller Daleep Mohla						X/E	X/E	X/O	E/E	хю	0/0	X/O	X/E X/O X/E	X/X E/O X/X	X/X X/E X/O	X/X X/E X/E	X/X 0/0 E/E	X/E X/X	X/E X/E X/O	X/X X/X X/E E/X	X/X X/X X/X X/E	X/X X/X X/O X/X	X/E X/X X/X X/E X/X	X/E X/X X/X X/E X/E	X/E E/X X/X X/E X/X X/E	X/E X/X X/E X/E X/X X/E	X/O X/X X/O X/E O/O X/X	X/O X/X X/O X/X O/O X/E X/O /X	E/E X/X X/X X/E X/E X/E 0/0 X/0 X/E	X/O E/X X/O X/O O/O X/X X/O E/O X/E	X/E X/X O/E X/X X/E X/E X/E X/O X/O X/E	X/ O/ X/ O/ X/ O/ X/ X/ X/ X/ E/
David Mabius John Malinowski George Matto Chad McLelland Larry Menche Bill Merkel Stan Merritt Guy Miller Daleep Mohla Hugo Monterrubio						X/E	X/E	X/O	E/E	хю	0/0	X/O	X/E X/O X/E	X/X E/O X/X	X/X X/E X/O	X/X X/E X/E	X/X 0/0 E/E X/X	X/E X/X E/E	X/E X/O E/O	X/X X/X X/E E/X O/E	X/X X/X X/X X/E E/E	X/X X/X X/O X/X E/O	X/E X/X X/X X/E X/X X/O	X/E X/X X/X X/E 0/0			X/O X/X X/O X/E O/O X/X X/O X/O	X/O X/X X/O X/X O/O X/E X/O /X E/O	E/E X/X X/X X/E X/E X/E 0/0 X/0 X/0 X/E	X/O E/X X/O X/O O/O X/X X/O E/O X/E O/O	X/E X/X O/E X/X X/E X/E X/E X/C X/E X/O X/E O/O	X/ O/ X/ O/ X/ X/ X/ X/ X/ X/ Z/ O/
David Mabius John Malinowski George Matto Chad McLelland Larry Menche Bill Merkel Stan Merritt Guy Miller Daleep Mohla Hugo Monterrubio Robert Montgomery						X/E	X/E	X/O	E/E	хю	0/0	X/O	X/E X/O X/E	X/X E/O X/X	X/X X/E X/O	X/X X/E X/E	X/X 0/0 E/E X/X	X/E X/X E/E	X/E X/O E/O	X/X X/E E/X O/E E/X	X/X X/X X/X X/E E/E X/E	X/X X/X X/O X/X E/O X/E	X/E X/X X/X X/E X/X X/O O/E	X/E X/X X/X X/E X/E 0/0	X/E E/X X/X X/E X/X X/E O/E O/O		X/O X/X X/C X/C X/X X/O X/X X/O E/X	X/O X/X X/O X/X O/O X/E X/O /X E/O E/E	E/E X/X X/X X/E X/E X/E 0/O X/O X/O X/O X/E	X/O E/X X/O X/O O/O X/X X/O E/O X/E O/O X/E	X/E X/X O/E X/X X/E X/E X/E X/E X/O X/E O/O X/E	X/ O/ X/ O/ X/ X/ X/ X/ X/ X/ X/ O/ O/
David Mabius John Malinowski George Matto Chad McLelland Larry Menche Bill Merkel Stan Merritt Guy Miller Daleep Mohla Hugo Monterrubio Robert Montgomery Doug Moody						X/E	X/E	X/O	E/E	хю	0/0	X/O	X/E X/O X/E	X/X E/O X/X	X/X X/E X/O	X/X X/E X/E	X/X 0/0 E/E X/X	X/E X/X E/E	X/E X/O E/O	X/X X/E E/X O/E E/X	X/X X/X X/X X/E E/E X/E	X/X X/X X/O X/X E/O X/E	X/E X/X X/X X/E X/X X/O	X/E X/X X/X X/E X/E 0/0	X/E E/X X/X X/E X/X X/E O/E O/O		X/O X/X X/C X/C X/X X/O X/X X/O E/X	X/O X/X X/O X/X O/O X/E X/O /X E/O	E/E X/X X/X X/E X/E X/E 0/O X/O X/O X/O X/E	X/O E/X X/O X/O O/O X/X X/O E/O X/E O/O	X/E X/X O/E X/X X/E X/E X/E X/C X/E X/O X/E O/O X/E O/O	X/ O/ X/ O/ X/ O/ X/ X/ X/ E/ O/ O/ O/
David Mabius John Malinowski George Matto Chad McLelland Larry Menche Bill Merkel Stan Merritt Guy Miller Daleep Mohla Hugo Monterrubio Robert Montgomery Doug Moody Howard Moudy						X/E	X/E	X/O	E/E	хю	0/0	X/O	X/E X/O X/E	X/X E/O X/X	X/X X/E X/O	X/X X/E X/E	X/X 0/0 E/E X/X	X/E X/X E/E	X/E X/O E/O	X/X X/E E/X O/E E/X	X/X X/X X/X X/E E/E X/E	X/X X/X X/O X/X E/O X/E	X/E X/X X/X X/E X/X X/O 0/E E/E		X/E E/X X/X X/E X/X X/E 0/E 0/0	X/E X/X X/E X/E X/Z X/E X/E X/E	X/O X/X X/O X/O X/O X/X X/O E/X E/X	X/O X/X X/O X/X O/O X/E X/O /X E/C E/C	E/E X/X X/Z X/E X/E X/E X/O X/O X/E X/E	X/O E/X X/O X/O X/O X/O E/O X/E O/O X/E O/E	X/E X/X 0/E X/X X/E X/E X/O X/E 0/0 X/E 0/0 X/E 0/0 X/E	X/ Q/ X/ Q/ Q/ X/ X/ X/ X/ Z/ Q/ Q/ Q/ Q/ X/
David Mabius John Malinowski George Matto Chad McLelland Larry Menche Bill Merkel Stan Merritt Guy Miller Daleep Mohla Hugo Monterrubio Robert Montgomery Doug Moody Howard Moudy Chuck Mozina						X/E	X/E	X/O	E/E	хю	0/0	X/O	X/E X/O X/E	X/X E/O X/X	X/X X/E X/O	X/X X/E X/E	X/X 0/0 E/E X/X	X/E X/X E/E	X/E X/O E/O	X/X X/E E/X O/E E/X	X/X X/X X/X X/E E/E X/E	X/X X/X X/O X/X E/O X/E	X/E X/X X/X X/E X/X X/O 0/E E/E		X/E E/X X/X X/E X/X X/E 0/E 0/0	X/E X/X X/E X/E X/Z X/E X/E X/E	X/O X/X X/O X/O X/O X/X X/O E/X E/X	X/O X/X X/O X/X O/O X/E X/O /X E/C E/C	E/E X/X X/Z X/E X/E X/E X/O X/O X/E X/E	X/O E/X X/O X/O O/O X/X X/O E/O X/E O/O X/E	X/E X/X O/E X/X X/E X/E X/E X/O X/E 0/0 X/E 0/0 X/E 0/0 X/E 0/0	X/ O/ X/ O/ X/ X/ X/ X/ X/ C/ O/ O/ X/ X/ X/ X/
David Mabius John Malinowski George Matto Chad McLelland Larry Menche Bill Merkel Stan Merritt Guy Miller Daleep Mohla Hugo Monterrubio Robert Montgomery Doug Moody Howard Moudy Chuck Mozina Dennis Neitzel						X/E	X/E	X/O	E/E	хю	0/0	X/O	X/E X/O X/E	X/X E/O X/X	X/X X/E X/O	X/X X/E X/E	X/X 0/0 E/E X/X	X/E X/X E/E	X/E X/O E/O	X/X X/E E/X O/E E/X	X/X X/X X/X X/E E/E X/E	X/X X/X X/O X/X E/O X/E	X/E X/X X/X X/Z X/X X/Z X/X 0/E E/E X/X	X/E X/X X/X X/E X/E 0/0 X/E E/E X/E	X/E E/X X/X X/E X/X X/E 0/E 0/0 X/0 X/X	X/E X/X X/E X/Z X/E X/E X/E X/E X/Z	X/O X/X X/O X/O X/Z X/O X/X E/Z E/X X/X	X/O X/X X/O X/O X/Z X/O X/Z E/O E/O X/X	E/E X/X X/E X/E X/E X/E X/O X/O X/E X/O X/E X/O X/E X/O	X/O E/X X/O X/O X/O X/O X/O X/Z O/O X/Z O/O X/Z X/Z X/X	X/E X/X O/E X/X X/E X/E X/E X/C X/E X/O X/E 0/0 X/E 0/0 X/E 0/0 X/E	X/ O/ X/ O/ X/ X/ X/ O/ O/ O/ X/ X/ O/ O/ O/ O/ O/ O/ O/ O/ O/ O
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# **APPENDIX I**

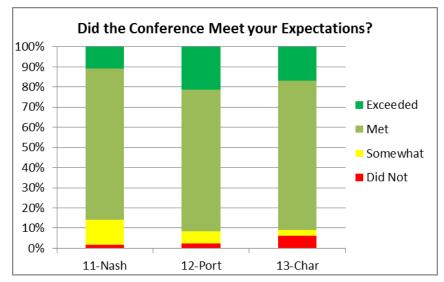
# IEEE PPIC CONFERENCE ATTENDANCE LIST

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	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13
	A/I	A/I																														
Richard Schaefer																		-/E	X/E	X/E	X/E	X/X	X/E	X/E	X/X	X/E	X/E	X/O	X/O	X/E	X/O	X/
Charles Scurry																													X/O	E/O	0/0	0/
Ralph Shead													/0	X/X	X/X	X/X	X/X	X/X	X/X	0/0	E/X	X/X	X/O	O/X	X/X	X/O	X/X	X/X	X/O	O/X	E/O	0/
Ronda Sheppard														X/E	O/X	X/X	X/X	O/X	E/X	X/X	X/X	X/X	X/E	X/E	O/X	X/X	X/X	X/X	X/X	X/X	X/X	X/
Glenn Smith																			X/O	X/E	E/E	E/E	X/E	0/0	X/E	X/E	X/E	E/O	E/E	X/E	E/O	X/
Terry Smith																														X/E	O/X	X/
Mark Spears																									X/O	0/0	O/X	0/0	X/O	0/0	E/0	X/
Larry Thomas							E/E	X/X	X/X	X/X	X/X	Χ/Χ	Χ/Χ	X/X	X/E	E/E	X/E	X/X	X/E	X/E	X/E	X/X	X/E	X/X	X/O	X/						
Mike Tribe																							X/E	E/E	0/0	0	X/E	E/E	0/0	0/0	X/E	X/
Marcelo Valdes																							X/E	X/X	0/0	E/E	X/E	X/O	X/O	X/E	X/O	X/
Anibal Valenzuela																			X/E	X/O	X/O	X/O	X/E	X/E	X/E	X/E	X/O	X/O	X/E	X/E	X/E	X/
Bill Vilcheck																/X	X/X	O/X	X/X	X/E	X/X	X/E	X/E	X/X	X/X	X/X	X/X	X/X	X/X	X/E	E/X	X/
Hank Wachter										X/O	X/E	Χ/Χ	Χ/Χ	X/E	X/E	X/X	X/X	X/X	E/E	O/X	O/X	E/X	X/X	X/O	х/o	X/O	X/O	X/X	E/X	O/X	E/X	X/
Allen Watson																				X/O	X/E	X/X	X/E	X/E	X/X	X/X	X/X	X/X	Х/X	0/0	X/X	X/
Mark Weaver				X/X	X/E	E/X	E/X	X/X	X/E	X/E	X/X	X/E	Χ/Χ	X/X	E/E	X/X	X/E	X/X	X/X	X/X	X/X	E/X	X/E	E/E	O/X	X/X	X/X	X/X	X/X	X/O	X/X	X/
Craig Wester																												/E	X/X	X/E	X/X	X/
James White (TX)																															<i>/</i> O	0/
Jim Williams																															<i>/</i> O	0/
Alex Wu		E/X	X/X	X/X	E/X	E/X	X/X	X/E	X/O	X/E	X/X	Χ/Χ	X/O	X/X	X/X	X/X	X/O	X/X	X/X	X/X	X/X	X/X	X/E	X/E	X/X	X/						
Mark Zawadzki																/X	E/X	X/O	X/X	E/X	0/0	X/E	X/E	E/O	X/E	X/E	X/E	E/E	X/E	X/O	Х/O	X/
Dave Zimmer																											X/E	E/E	X/E	X/E	0/0	X/

## IEEE PPIC CONFERENCE SURVEY

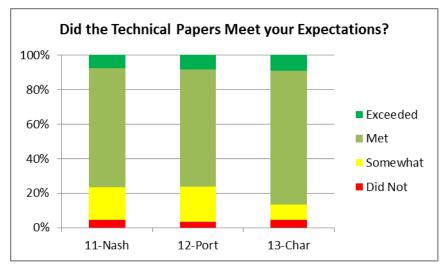
# 2013 IEEE PPIC CONFERENCE ATTENDEE SURVEY

There were a total of 67 responses. An e-mail link to the survey was sent to Registration list. Survey Monkey was used as the survey tool. Where year-over-year comparisons were deemed helpful, graphs were added.



### 1. Overall, did this conference meet your expectations?

## 2. Rate the technical papers

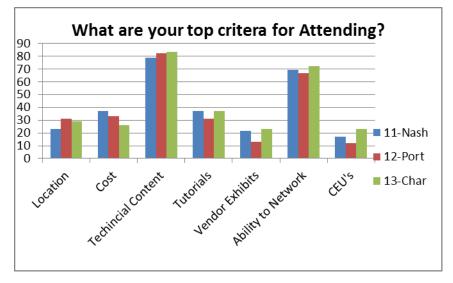


# IEEE PPIC CONFERENCE SURVEY

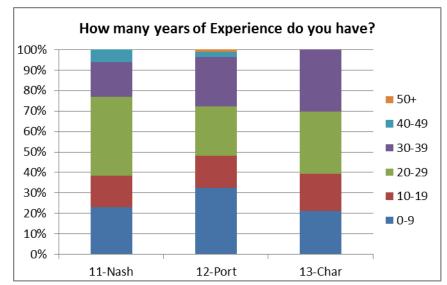
3. How likely would you be to attend a future conference in the following locations?

	Will not attend	Not likely to attend	Likely to attend	Definitely will attend
2014 Atlanta	2	2	36	27
2015 Milwaukee, WI	1	7	42	12
2016 San Antonio, TX	2	7	42	10

# 4. What are your top criteria for attending the conference?

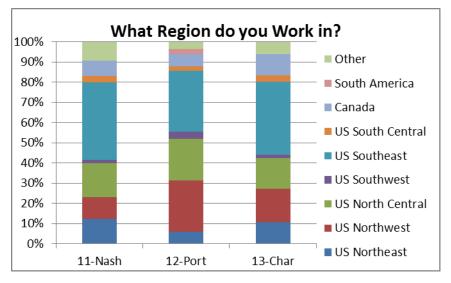


## IEEE PPIC TUTORIAL SURVEY

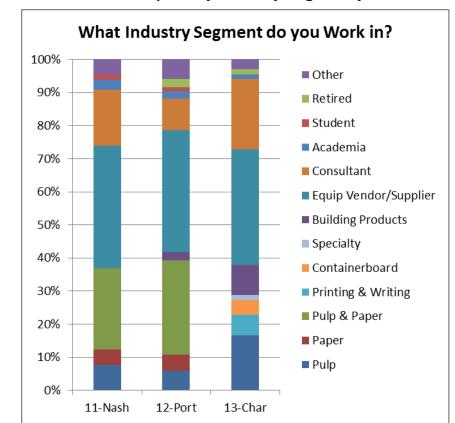


## 5. How many years experience do you have in the Forest Products Industry?

## 6. What region do you work in?

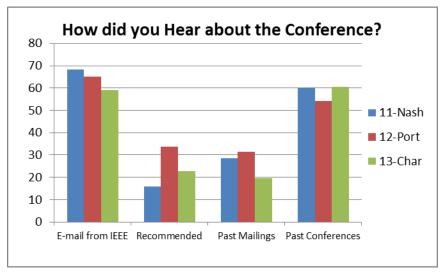


# IEEE PPIC TUTORIAL SURVEY



## 7. Please define the primary industry segment you work in:

8. Did you receive notification of the 2011 IEEE Pulp & Paper Conference and if so, how?



## **IEEE PPIC TUTORIAL SURVEY**

### 9. Will you participate in the October Interim Meeting?

Yes	23
Not sure at this point	20
No	23

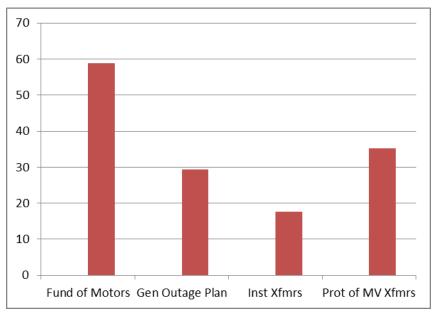
### **10. Written Comments:**

- Changed industry to join the pulp and paper industry.
- Great conference and great venue in Charlotte. I especially liked the Technical Conference room linked directly with the Vendor Exhibits. This worked very well and allowed easy access during the breaks.
- Another great conference!
- The main reason for attending is to participate with the other Domtar mills.
- I really appreciated the printed book with all the technical papers. I also enjoyed meeting many different people in the industry. Looking forward to next year.
- If you revised the way you do the vendor exhibits, I think you could get more venders to participate. Having a set time (2-4 hours) dedicated to a product exhibition would allow more vendors to come and not have to invest 4 days to manage their booths.
- Partner's program fell short of expectations. One of the Monday's trips never occurred and that trip was a major reason my wife participated in the program. There was no meeting room available all day where the partners could meet, talk, get refreshments, and plan their days with old friends.
- Questions 5 & 6 need modified for more appropriate responses from manufacturers and vendors, as they cannot be properly answered as stated.
- First time attendee....conference was in my territory.
- More on developments in equipment testing and relife options, particularly on switchgear, MCC's and transformers
- Great job. The venue was great, the presentations worked well. The exhibit floor plan was very effective.
- More practical applications and less theoretical academia.
- Great conference! Food was some of the best of any conferences! Make sure when vendors are adjacent to technical presentations, that doors stay shut due to noise.
- With the change at IEEE from the old "color book" series to the new "dot standard" approach, and with IEEE 3004.8 (Recommended Practice for Motor Protection in Industrial and Commercial Power Systems) which was a large chunk of the old buff book currently in process and heading toward balloting at the end of 2013 / mid 2014, a paper might be in order for either the 2014 or 2015 slate. As a contributing member of the working group associated with the standard, I can probably do something about that for 2015, certainly.
- Charlotte conference was very well done. Thanks Roly and team!!!
- I love these conferences and as a young engineer they really open my eyes to an array of topics and help with knowledge for the industry.
- Guest program did not meet expectations.
- My comments reflect my belief that the technical content was down this year. We are having too many recycled papers and not enough new content.
- I really enjoyed the keynote speaker this year. Mr. Williamson did a great job. -Every year though I need Blake to explain how the IEEE PPIC conference fits into the hierarchy of IEEE. Maybe it would be good to have a poster showing this graphically? I think it would be good for new attendees. -I also enjoyed seeing the new mill engineers getting in front of everyone and explaining their work. I think that is very important to other young engineers to hear first hand EXACLTY the kind of work they may be involved with.

## IEEE PPIC TUTORIAL SURVEY

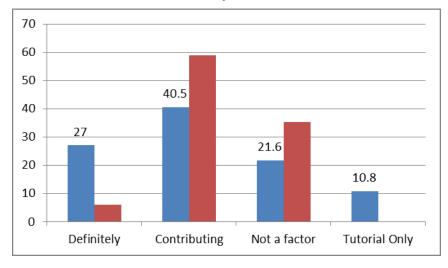
# 2013 IEEE PPIC TUTORIAL ATTENDEE SURVEY

There were a total of 20 responses. An e-mail link to the survey was sent to Registration list. Survey Monkey was used as the survey tool.

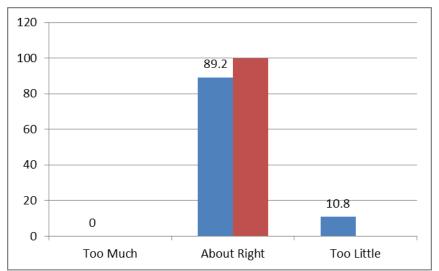


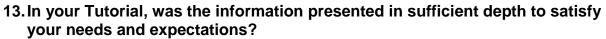
## 11. Which Tutorial did you attend?

## 12. Was the Tutorial a factor in your decision to attend the IEEE PPIC Conference?

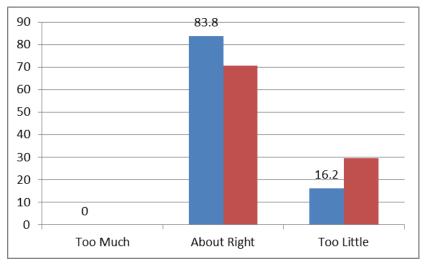


# IEEE PPIC TUTORIAL SURVEY

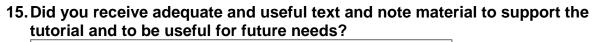


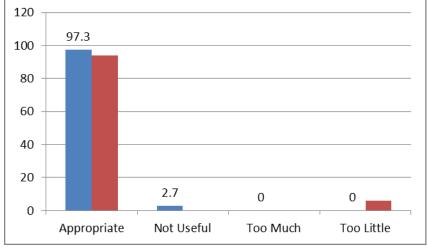


## 14. In your Tutorial, was there adequate time for discussion and questions-andanswer activity?

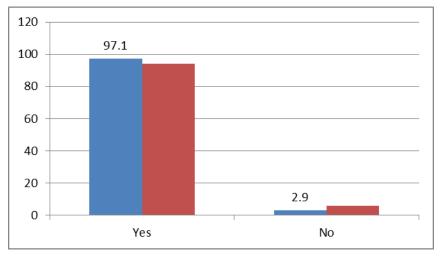


## IEEE PPIC TUTORIAL SURVEY

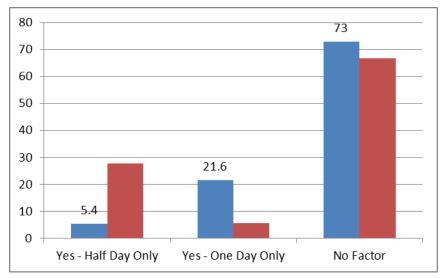




16. Were the facilities (A-V, room and table space, seating setup and break provisions) adequate?

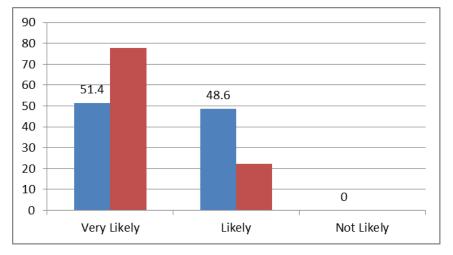


# IEEE PPIC TUTORIAL SURVEY

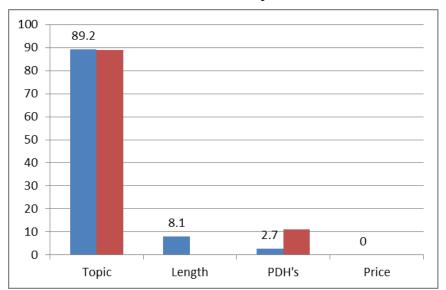




## 18. Are you likely to attend a tutorial at your next IEEE-PPIC Conference?



# IEEE PPIC TUTORIAL SURVEY



### 19. What one factor most influenced your choice of Tutorial?

#### 20. Written Comments:

- I was registered to tutorial but I didn't participate to assist to another meeting..
- I was unable to attend the tutorial (protection of medium voltage transformers) So I cannot comment
- If possible, it would be nice to have a moderator or time keeper in the room, to manage the time better. We had one person who dominated the entire session and that caused us to lose a lot of time at the end.
- I would really love to see a tutorial done on control systems as they relate to paper machine drive coordinated control. Appropriate filters, typical control schemes, etc. Basically the next step after the TAPPI drive course.
- Generator Outage Planning was a great tutorial, practical, presented in understandable manner. I think we should at least consider general sessions in morning and tutorials in afternoons so that tutorials are not perceived as tacked on at the end of the week. That way one could attend more tutorials. I would have attended the motor tutorial had it not conflicted.
- I have not received PDH certificate for the Tutorial.
- Unfortunately due to a conflict of scheduling with our Domtar Engineering meeting I was unable to attend the Tutorial.