

## Sunday, June 17

- 1:00p Registration Open - **Pool Dome**
- 1:00p Vendor Exhibit Setup - **Salon B**
- 3:00p Executive Committee - **Briarwood**
- 5:30p Conference Reception - **Salon C/D**

## Monday, June 18

- 6:30a Attendees' & Guests' Breakfast - **Salon A**
- 6:30a Authors' Breakfast - **Briarwood**
- 7:00a Registration Open - **Pool Dome**
- 8:30a Guest Hospitality Room - **Oaktag**

### Session 1: Presiding – Greg Drewiske, PPIC Chairman

#### Location - Salon C/D

- 8:00a Opening Remarks
- 8:15a Keynote: "The Next Generation of Internet Enabled Devices – Are we Ready?"  
*Dr. Luiz Fernando Huet de Bacellar*  
*Director, Advanced Technologies – Electrical Sector, Eaton*
- 9:15a Advances in Permanent Magnet Motors and Their Application in the Pulp and Paper Industry  
*Robert McElveen, Jr, PhD – Baldor-ABB*  
*Nicolas Frank, PhD – Baldor-ABB*  
*William Martin – Baldor-ABB*
- 9:45a **Break**
- 10:15a Element of Tuning Power System Stabilizer  
*Rich Schaefer – Basler Electric*  
*Kiyong Kim – Basler Electric*
- 10:45a Coming to Terms with PID  
*Patrick Dixon – Global Process Automation*
- 11:15a **NPP 1 – Schweitzer Engineering Laboratories**  
"Visualize What You Protect with SEL's New Relay Family."  
*Robert Brum – Schweitzer Engineering Laboratories*
- 11:25a The Secret of the Black Magic - Commutation  
*Roland Roberge – Morgan Advance Materials*  
*Chris Heron – TECO-Westinghouse Motor Company*
- 11:55a **Lunch – Salon A**
- 11:55a **1st Time Attendees' Lunch – Briarwood**

### Session 2: Presiding – Todd Legette, PPIC Technical Program Chairman

#### Location - Salon C/D

- 1:00p PANEL - Practical Application of NFPA 70E Risk Assessment Process  
*Mike Bukovitz – Tech4*  
*Jerry Krowiorz – Tech4*
- 1:55p **NPP 2 –Siemens**  
"Operation and Maintenance Arc-Flash Reduction System (OMARS)"  
*Jarvis Simmons - Siemens*

- 2:05p How to Write a Mill Paper  
*Greg Drewiske – Verso Corporation*  
*Steve Pittman – Clearwater Paper Company*  
*Mark Zawadzki – International Paper*  
*Rich Butler – Rockwell Automation, Inc.*
- 2:35p Electrical Safety Training Requirements for All Personnel  
*Dennis Neitzel – AVO Training Institute, Inc.*
- 3:05p **Break**
- 3:35p **NPP 3 – ABB**  
"ABB New Drive and Motor Products".  
*Chris Braunlich – ABB*  
*Steven Gmeinder – ABB*
- 3:45p Modeling and Evaluation of Paper Machine Coater Sections Part 1: 1-Coater Section and Tension Setpoints  
*Guillermo Ramirez - Universidad Católica de la Santísima Concepción*  
*Anibal Valenzuela - University of Concepción*  
*Steve Pittman – Clearwater Paper Company*  
*Bob Lorenz – University of Wisconsin - Madison*
- 4:15p **NPP 4 –TECO-Westinghouse Motor Company**  
"Access Real Time Vibration and Temperature Data with the Pro-3200"  
*Allan Grayson – TECO-Westinghouse Motor Company*
- 4:25p Enhance Productivity in Forest-Product Industries with LOTO Alternatives  
*John Kay – Rockwell Automation, Inc.*  
*George Schuster – Rockwell Automation, Inc.*
- 4:55p **Adjourn**

## Tuesday, June 19

- 6:30a Attendees' & Guests' Breakfast - **Salon A**
- 6:30a Authors' Breakfast – **Briarwood**
- 7:00a Registration Open – **Pool Dome**
- 8:30a Guest Hospitality Room – **Oaktag**

### Session 3: Presiding – Mark Zawadzki, PPIC Secretary/Treasurer

#### Location - Salon C/D

- 8:00a Opening Remarks
- 8:05a Current Limiting Arc Flash Quenching System for Improved Incident Energy Reduction  
*Robert Burns – Eaton Corporation*  
*Adams Baker – Eaton Corporation*  
*Dan Hrnir – Eaton Corporation*
- 8:35a Reducing the Arc-Flash Incident Energy in Secondary Bus of Medium and Low Voltage Substation Applications  
*Jarvis Simmons – Siemens Energy*
- 9:05a **NPP 5 – ETAP**  
"etapAPP™ - Field Data Collection & Synchronization"  
*Jeremy Pangilinan – ETAP*  
*Maria Borjas – ETAP*

- 9:15a PANEL - Nuggets of Knowledge - Transformer Service Life  
*Carl Bare – High Ground Services*  
*Stan Merritt - Retired*
- 10:10a **Break**
- 10:40a How Close is Close Enough with DC Motors?  
*Greg Drewiske – Verso Corporation*  
*Chris Heron – TECO-Westinghouse Motor Company*  
*Duncan Rhodes – Retired*
- 11:10a TRV (Transient Recovery Voltage) in High Voltage Current Interruption  
*J.C. Das – Power Systems Studies, Inc.*
- 11:40a Arc Flash in the National Electrical Code: Articles 240.87, 240.67; intent and reality, does the code achieve its goals? Do you achieve its goals?  
*Marcelo Valdes – General Electric*  
*Steve Hinton – Schneider Electric*  
*Francisco Martinez – GE Industrial Solutions*
- 12:10p **Lunch (in Subcommittee Meeting Rooms)**
- 12:10p **PPIC Subcommittee Meetings**  
Drives and Control Systems - **Salon C/D**  
Power Distribution Systems - **Rosewood**  
Process Control, Engineering, Maintenance, and Construction - **Linden**  
Training, Safety, Standards and Codes - **Ebony**
- 2:30p **Break**
- 3:00p **Full Committee Mtg- Salon C/D**
- 5:00p **Adjourn**

## Wednesday, June 20

- 6:30a Attendees' & Guests' Breakfast – **Salon A**
- 6:30a Authors' Breakfast – **Briarwood**
- 7:00a Registration Open – **Pool Dome**
- 8:30a Guest Hospitality Room - **Oaktag**

### Session 4: Presiding – Alex Wu, PPIC Past Chairman

#### Location – Salon C/D

- 8:00a Opening Remarks
- 8:05a Typical Power Circuit Breaker Maintenance Consideration  
*Dennis Neitzel – AVO Training Institute, Inc*
- 8:35a A Review of Intertie Protection  
*Terrence Smith – GE Grid Solutions*  
*George Pitts – Tennessee Valley Authority*
- 9:05a **NPP 6 – Tech4**  
"A Better Solution For IEEE C37.20.7 Arc Resistant Compliance"  
*Mike Bukovitz – Tech4*
- 9:15a Transformer Fuse Sizing - The NEC is not the Last Word  
*Del Ventruella – High Voltage Maintenance Corporation*
- 9:45a **Break**

- 10:15a Insulation Monitoring On Common Grounding Methods in the Pulp and Paper Industry  
*Dale Boyd – Bender, Inc.*  
*Joerg Irzinger - Bender GmbH & Co. KG*  
*Torsten Gruhn – Bender, Inc.*  
*Jeff Glenney – Bender Consulting Canada, Ltd*
- 10:45a A Phased Paper Machine Drive & Control System Upgrade  
*Ernesto Rivera – TMEIC Corporation*  
*Ricardo Vasquez - Cartulinas CMPC S.A.*
- 11:15a **NPP 7 – Eaton Corporation**  
 “New Workplace Safety Solutions from Eaton”  
*Dave Durocher – Eaton Corporation*
- 11:25a **Adjourn**
- 12:00n **IAS PPFIC Awards Lunch – Salon A**

**Session 5: Presiding – John Kay**  
**PPIC Past Chairman**

**Location – Salon C/D**

- 1:55p Modeling and Evaluation of Paper Machine Coater Sections - Part 2: 2-Coater Section and Control Loop Bandwidths  
*Guillermo Ramirez - Universidad Católica de la Santísima Concepción*  
*Anibal Valenzuela - University of Concepción*  
*Steve Pittman – Clearwater Paper Company*  
*Bob Lorenz – University of Wisconsin – Madison*
- 2:25p Basics of Communication Networks for electrical Engineers in the Forest Products Industries  
*John Kay – Rockwell Automation, Inc.*  
*Dr. David Mazur – Rockwell Automation, Inc.*  
*Rob Entzminger – Rockwell Automation, Inc.*
- 2:55p **Break**
- 3:25p **NPP 8 – WEG**  
 WEG/EM Synchronous Machines—Analysis, Field Service and Repair  
*James Casey – WEG*
- 3:35p PANEL – Standards – Why Should You Be Involved?  
*Daleep Mohla - DCM Electrical Consulting Services*  
*Mark Zawadzki – International Paper*  
*Chris Heron – TECO-Westinghouse Motor Company*  
*Greg Drewiske – Verso Corporation*
- 4:30p Unusual Failures  
*Moderator – Warren Hopper – International Paper*
- 5:00p **Adjourn**
- 5:30p **Paper Awards / Closing Event - Optional**  
**Tickets must be pre-purchased**  
**Buses Leave Hotel**

**Thursday, June 21**

**Tutorials**

- 7:00a Tutorial Attendees' Breakfast – **Lawrence**
- 7:00a Tutorial Registration Open – **Pool Dome**
- 8:00a TUTORIAL #1 (4 hours) – **Rosewood**  
 2018 NFPA 70E-2018 Changes and Other Key Requirements  
*Dennis Neitzel, AVO Training Institute, Inc.*
- 10:00a **Break**
- 12:00n **Lunch – Lawrence**
- 1:00p TUTORIAL #2 (4 hours): – **Rosewood**  
 Systematic Approach to Pump Efficiency and Reliability  
*Roger Lawrence – RGL Solutions*
- 3:00p **Break**
- 5:00p **Adjourn**



**The Institute of  
 Electrical and Electronic  
 Engineers, Inc.**

**64<sup>th</sup> Annual Pulp, Paper  
 and Forest Industries  
 Technical Conference**

**Sponsored by the  
 Pulp and Paper Industry  
 Committee  
 of the  
 Industry Applications Society**

**Red Lion Paper Valley  
 Hotel  
 Appleton, WI**

**June 17 - 21, 2018**

