

## TUESDAY JUNE 11<sup>TH</sup> *continued*

2:00 PM *Main Ballroom DE*  
SAFETY & TRAINING (S&T)

3:00 PM AFTERNOON BREAK *Atrium*

3:30 PM *Main Ballroom DE*  
PPIC FULL COMMITTEE MEETING

5:00 PM ADJOURN

## WEDNESDAY JUNE 12<sup>TH</sup>

6:45 AM *Charleston Boardroom*  
AUTHORS' BREAKFAST

7 AM *Atrium*  
ATTENDEE & GUEST BREAKFAST

SESSION 4 *Main Ballroom DE*  
Moderator: Mark Zawadzki  
PPIC Past Chair

8 AM OPENING REMARKS  
Mark Zawadzki, PPIC Past Chair

8:05 AM THE CRUCIAL ROLE OF CYBERSECURITY  
IN OPERATIONAL TECHNOLOGY  
Matthew Cosnek & Dante Barragan (*Eaton*),  
Christina Lutkus (*Domtar*)

8:35 AM REVIEW OF TAPPI CONSTANTS IN THE  
MODERNIZATION OF A LINESHAFT PAPER  
MACHINE TO SECTIONAL ELECTRICS  
Michael Kozlowski (*ABB*)

9:05 AM SERVICE WIRE PRESENTS:  
*Drive Peak Performance*

9:15 AM THE FUTURE OF VARIABLE FREQUENCY  
DRIVE PREDICTIVE MAINTENANCE  
Richard Butler, Yujia Cui, Zhijun Liu, Todd  
Jaremko & Sarah Hinds (*Rockwell Automation*)

9:45 AM MORNING BREAK *Atrium*

10:15 AM EVALUATING SUBSTATIONS TO  
THE NFPA 70B 2023 STANDARD  
Austin Johnson & Scott Brady (*Eaton*),  
Paul Sullivan & Sharon Mullen (*DuPont*)

10:45 AM PROTECTION RELAY BASED INDUSTRIAL MOTORS  
PRO-ACTIVE ASSET MANAGEMENT SOLUTION  
Dr. Balakrishna Pamulaparthi, Boukadi Atef,  
Anish Sachdev, Marcus Bonner, & Mahesh  
Kumar (*GE Grid Solutions*)

11:15 AM GE VERNOVA PRESENTS:  
*The New GE Vernova & Feeder Relays*

11:25 AM EXTENDING THE OPERATING LIFE OF  
CRITICAL HIGH VOLTAGE MOTORS  
Terry Perilloux & Keith Lyles (*Marathon*),  
Saeed Ul Haq (*GE Power Conversion*),  
Tom Reid (*Integrated Power Services*)

## WEDNESDAY JUNE 12<sup>TH</sup> *continued*

11:55 AM AWARDS LUNCHEON *Salon ABC*

SESSION 5 *Main Ballroom DE*  
Moderator: Emily Held, PPIC Vice Chair

2 PM SERVICE WIRE PRESENTS:  
*Service You Can Count On*

2:10 PM OPERATIONS-DRIVEN SAFETY & RELIABILITY—  
CREATING A BLUE OCEAN OF ASSET RELIABILITY  
Martin Robinson (*IRISS*)

2:40 PM MEDIUM VOLTAGE CABLE SYSTEMS AT AGING  
PAPER MILLS—LIFE CYCLE MANAGEMENT OF  
THE LAST CRITICAL ASSET  
Patrick Hall (*WestRock*), Benjamin Lanz  
& Timothy Morello (*IMCORP*)

3:10 PM GE VERNOVA PRESENTS:  
*Grid Beats*

3:20 PM AFTERNOON BREAK *Atrium*

3:40 PM UNUSUAL FAILURES  
Warren Hopper (*Retired*)

4:40 PM ADJOURN

5:30-7:30 PM *West Virginia Cultural Center*  
SOCIAL EVENT  
5:15-7:30 Shuttle to/from Event (*depart from Hotel Lobby*)

## THURSDAY JUNE 13<sup>TH</sup>

7 AM TUTORIAL BREAKFAST *Atrium*

8 AM-NOON TUTORIAL: DC MOTORS PRIMER 101  
Chris Heron

8 AM-NOON TUTORIAL: INTRO TO CODES & STANDARDS  
DEVELOPMENT PROCESS  
Nehad El-Sherif

NOON LUNCH *Atrium*

1-5 PM *Salon B*  
TUTORIAL: IEEE 2455  
*Recommended Practice for Repair &  
Maintenance of DC Electric Machines Overview*  
Chuck Yung

1-5 PM *Salon C*  
TUTORIAL: NFPA 70E  
D. Ray Crow, Daleep Mohla

5 PM ADJOURN

THE INSTITUTE OF  
ELECTRICAL &  
ELECTRONIC ENGINEERS



# IEEE

# PULP & PAPER

## 2024 Industry Conference



# Charleston, WV

JUNE 9-13  
2024

## 69<sup>TH</sup> ANNUAL CONFERENCE

Sponsored by the Pulp & Paper  
Industry Committee of the  
Industry Applications Society



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## SUNDAY JUNE 9<sup>TH</sup>

**ALL DAY** REGISTRATION OPEN *Coatroom*

**NOON-6 PM** *Salon ABC*  
VENDOR SETUP

**NOON-12:30 PM** *Charleston Boardroom*  
PPIC STANDARDS SUBCOMMITTEE

**1 PM** *Charleston Boardroom*  
PPIC STANDARD-3371 WORKING GROUP

**3-5 PM** *Charleston Boardroom*  
PPIC EXECUTIVE COMMITTEE MEETING

**6-8 PM** *Atrium*  
WELCOME RECEPTION

## MONDAY JUNE 10<sup>TH</sup>

**ALL DAY** REGISTRATION OPEN *Coatroom*

**6:45 AM** *Charleston Boardroom*  
AUTHORS' BREAKFAST

**7 AM** *Atrium*  
ATTENDEE & GUEST BREAKFAST

**8-9:45 AM** *Salon ABC*  
VENDOR SETUP

### SESSION 1 *Main Ballroom DE* Moderator: Chris Heron, PPIC Chair

**8 AM** OPENING REMARKS  
*Chris Heron, PPIC Chair*

**8:30 AM** KEYNOTE: *Research & Innovations Driving the Future of the Pulp & Paper Industry*  
*Chris Luettgen, Executive Director Alliance for Pulp & Paper Technology Innovation*

**9:15 AM** GROUND-FAULT CIRCUIT INTERRUPTERS (GFCI) FROM A STANDARDS PERSPECTIVE  
*Nehad El-Sherif (MNKYBR), Thomas Domitrovich (Eaton), Frederick Reyes (UL)*

**9:45 AM** VM5 PRESENTS:  
*Successfully Deploy LED Lighting in Extreme Temperature Environments*

**9:55 AM** MORNING BREAK *Salon ABC*

**10:40 AM** *Main Ballroom DE*  
RACKING OUT OR IN POWER CIRCUIT BREAKERS IS SIMPLE ISN'T IT?  
*Terry Becker (TW Becker Consulting)*

**11:10 AM** ETAP PRESENTS:  
*A Digital Twin of the Power Distribution Network*

**11:20 AM** MODERNIZING A REFINERY BRUSHLESS MOTOR P&G SYSTEM TO MAXIMIZE AVAILABILITY  
*Christine Crites & Ray Luna (GE Grid Solutions), Mourad Dib & Michael Johnson (PEMEX)*

## MONDAY JUNE 10<sup>TH</sup> *continued*

**11:50 AM** EATON PRESENTS:  
*Recent Advancements in Switchgear Digitalization*

**NOON** LUNCH *Atrium*

### SESSION 2 *Main Ballroom DE* Moderator: Emily Held, Vice Chair

**1 PM** APPLICATIONS OF NGRS IN MULTIPLE SOURCE MV POWER SYSTEMS  
*Jeremie Bergeron & Leo Busch (Delta Wye), Jeff Glenney (Bender)*

**1:30 PM** MODERN IED DATA CAPTURE CONFIGURATION CHALLENGES  
*Duane Leschert & Kris Somerstad (Worley), Jacob Janzen (Shell), Craig Wester (GE Vernova)*

**2 PM** CONTROL OF AC BRUSHLESS EXCITER TO REGULATE POWER FACTOR ON LARGE AFD SYNCHRONOUS MOTORS  
*Stan Simms & Thomas Farr (Eaton), Mark Fanslow (TECO-Westinghouse), Gabriel Braga (PWP Lab)*

**2:30 PM** AFTERNOON BREAK *Salon ABC*

**3:10 PM** *Main Ballroom DE*  
WHY CAN'T I START MY MOTOR? DEMYSTIFYING MOTOR RELAY LOCKOUTS  
*Christine Crites & Justin Comer (GE Grid Solutions), Walter Simpson (RYAM)*

**3:40 PM** FACTORY ACCEPTANCE TESTING: FROM THREE DIFFERENT PERSPECTIVES  
*Jaco Krüger (Wilson Engineers), Marc Elliott (Eaton), Warren Hopper (Retired)*

**4:10 PM** EA TECHNOLOGY PRESENTS:  
*EA Technology Online Partial Discharge Test Equipment Solutions*

**4:20 PM** REAL-TIME CONTROLLER HIL SIMULATIONS FOR MOTOR STARTING STUDIES  
*Stan Simms & Thomas Farr (Eaton), Gabriel Braga (PWP Lab)*

**4:50 PM** ADJOURN

**6-8 PM** *Salon ABC*  
VENDOR RECEPTION

## TUESDAY JUNE 11<sup>TH</sup>

**ALL DAY** *Coatroom*  
REGISTRATION OPEN

**6:45 AM** *Charleston Boardroom*  
AUTHORS' BREAKFAST

**7 AM** *Atrium*  
ATTENDEE & GUEST BREAKFAST

## TUESDAY JUNE 11<sup>TH</sup> *continued*

### SESSION 3 *Main Ballroom DE* Moderator: Cristiano Paiva, PPIC Secretary

**8 AM** OPENING REMARKS  
*Cristiano Paiva, PPIC Secretary*

**8:05 AM** A BETTER APPROACH TOWARDS VERIFYING THE ABSENCE OF VOLTAGE TESTING & ENSURING WORKPLACE SAFETY  
*Sergio Panetta (I-Gard)*

**8:35 AM** WESCO PRESENTS:  
*Digital Transformation/Industrial IoT Solutions for the Pulp & Paper Industry*

**8:45 AM** SOLID-STATE CIRCUIT BREAKER TECHNOLOGIES—ADVANCED PROTECTION & CONTROL CAPABILITIES FOR FOREST PRODUCT APPLICATIONS  
*John Kay (Retired), Philip Allen & Eric Norton (Grace Technologies)*

**9:15 AM** RIDE THE LIGHTNING (PROTECTION) ALL THE WAY TO GROUND  
*Micheal Huynh & Neil Sutton (Allnorth)*

**9:45 AM** ROVISYS PRESENTS:  
*Digital Transformation Workshop: The First Step in Your Transformation Journey*

**9:55 AM** MORNING BREAK *Salon ABC*

**10:20 PM** *Main Ballroom DE*  
AMI AUTOMATION PRESENTS:  
*DigiFEX 4.0 Field Exciters for Synchronous Motors*

**10:30 AM** PANEL DISCUSSION:  
*Capital Projects—The Good, Bad, & Ugly*  
*David Durocher (Retired), Greg Drewiske (Billerud), Michael Feldkirchner (Domtar), Jaco Krüger (Wilson Engineers)*

**11:30 AM** DISMISS YOUR FEARS—A GUIDE TO WRITING & PRESENTING A PAPER AT THE IEEE PULP & PAPER INDUSTRY CONFERENCE  
*David Durocher (Retired)*

**NOON** BAG LUNCH PICKUP *Atrium*

### SUBCOMMITTEE SESSIONS

**12:30 PM** *Main Ballroom DE*  
DRIVES & CONTROLS SYSTEMS (DCS)  
*Charleston Boardroom*  
POWER DISTRIBUTION SYSTEMS (PDS)

*Conference Room 225*  
PROCESS CONTROL, ENGINEERING MAINTENANCE & CONSTRUCTION (PCEMC)