THURSDAY JUNE 13TH

2:00 PM SAFETY & TRAINING (S&T)

3:00 PM AFTERNOON BREAK Atrium

3:30 PM PPIC FULL COMMITTEE MEETING

5:00 PM ADJOURN

WEDNESDAY JUNE 12TH

6:45 AM CHARLESTON BOARDROOM

AUTHORS' BREAKFAST

7 AM ATTENDEE & GUEST BREAKFAST

SESSION 4

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 Lukus (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, Bousadi 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 12TH continued

11:55 AM AWARDS LUNCHEON Salon ABC

SESSION 5

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 Morella (IMCROP)

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 SOCIAL EVENT

Shuttle to/from Event (depart from Hotel Lobby)

THURSDAY JUNE 13TH

7 AM TUTORIAL BREAKFAST Atrium

SESSION 5

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

SESSION 5

1-5 PM TUTORIAL: IEEE 2455 Recommened Practice for Repair & Maintenance of DC Electric Machines Overview

Chuck Yung

1-5 PM TUTORIAL: NFPA 70E

D. Ray Crow, Daleep Mohla

5 PM ADJOURN
### SUNDAY JUNE 9TH

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### MONDAY JUNE 10TH

#### ALL DAY REGISTRATION OPEN

- **Salon ABC**

#### NOON SESSION 1

- **Main Ballroom DE**
  - Moderator: Chris Heron, PPIC Chair

- **Authors’ Breakfast**
  - Atrium

- **Salon ABC**

#### 8-9:45 AM VENDOR SETUP

#### 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 Dimitrovich (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 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 PSC SYSTEM TO MAXIMIZE AVAILABILITY

- Christine Crites & Ray Luna (CE Grid Solutions), Mourad Dib & Michael Johnson (PEMEX)

### MONDAY JUNE 10TH continued

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

#### NOON LUNCH

#### Atrium

#### 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 Lescert & Kris Somerstad (Worley), Jacob Jansen (Shell), Craig Wester (CE 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 WHY CAN’T I START MY MOTOR? DEMYSTIFYING MOTOR RELAY LOCKOUTS

- Christine Crites & Justin Comer (CE Grid Solutions), Walter Simpson (RYAM)

#### 3:40 PM FACTORY ACCEPTANCE TESTING: FROM THREE DIFFERENT PERSPECTIVES

- Jace Kruger (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

- **Salon ABC**

#### 6-8 PM VENDOR RECEPTION

### TUESDAY JUNE 11TH

#### ALL DAY REGISTRATION OPEN

- **Coatroom**

#### 6:45 AM AUTHORS’ BREAKFAST

- **Atrium**

#### 7 AM ATTENDEE & GUEST BREAKFAST

#### 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 (Gracie Technologies)

#### 9:15 AM RIDE THE LIGHTNING (PROTECTION) ALL THE WAY TO GROUND

- Micheal Huynh & Neil Sutton (Allnorth)

#### 9:45 AM BOVISYS PRESENTS: Digital Transformation Workshop: The First Step in Your Transformation Journey

#### 9:55 AM MORNING BREAK

- **Salon ABC**

#### 10:20 PM 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), Jace Kruger (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 DRIVES & CONTROLS SYSTEMS (DCS)

- **Charleston Boardroom**

#### POWER DISTRIBUTION SYSTEMS (PDS)

- **Conference Room 225**

#### PROCESS CONTROL ENGINEERING MAINTENANCE & CONSTRUCTION (PCEMC)