Monday, June 21

Session 1: Moderator – Mark Zawadzki, PPIC Program Chair

Virtual Presentation

10:00a Opening Remarks — Todd Legette (PPIC Chair)

10:30a Update of the Generator Grounding Working Group

Sergio Panetta – I-Gard

11:00a NPP – ETAP

Arc Flash Auto - Automated Arc Flash Energy Evaluation

11:10a Break

11:30a Analysis and Overview Of Message Queuing Telemetry Transport (MQTT) As Applied To Forest Products Applications

John Kay – Retired Rockwell Automation

David C. Mazur, Ph.D. – Rockwell Automation

Rob A. Entzminger, PE – Rockwell Automation

Corey A. Peterson – Rockwell Automation

12:00p Applying Continuous Monitoring & Diagnosis (M&D) to Critical Rotating Machines with no Additional Device to Install

Mital Kanabar - GE Grid Automation

Vijay Muthukrishnan - GE Grid Automation

Jeyanth Yogaratanam - GE Grid Automation

A. Thomas – Barrick Gold

12:30p NPP – WEG

WEG Medium Voltage Motor USA Inventory

12:40p Lunch

1:30p Replacement of (6) 1000hp DC Drives and Motors with AC

Steve Pittman - Cleanwater Paper

2:00p Novel Method to Ensure the Reliability of the DC Motors Controlled by an IGBT / PWM Converter

Eric Martinez Mora - AMI Automation

Bernardo Sainz - AMI Automation

David Leal - AMI Automation

2:30p NPP – GE Industrial Motors by Wolong

Maximizing Performance in the Pulp & Paper Industry with Severe Duty IEEE-641 Motors

2:40p Break

3:00p A Review of Machinery Safety in the Pulp and Paper Industry

Bertil Gördansson – ABB AB

3:30p Engaging Leadership in Electrical Safety and Maintenance

Greg Drewiske – Verso Paper

Tuesday, June 22

Session 2: Moderator – Mark Zawadzki, PPIC Program Chair

Virtual Presentation

10:00a Leveraging Prevention Through Design Principles (PtD) in Electrical Installations

Marcelo Valdes – ABB

Landis Floyd - The University of Alabama at Birmingham

10:30a Protection of Small Low-Voltage Conductors Against High-Level Faults

Ruben Corvajin – AMPSAFE, LLC

11:00a NPP - Bender Inc.

Enhanced HRG panels with Improved Safety and Monitoring

11:10a Break


Daleep Mohla – DCM Consulting

Dr. Wei Jen Lee - University of Texas at Arlington

Jim Phillips – Brainfiller

Albert Marroquin - ETAP

12:40p NPP - MEG-ALERT INC.

Meg-Alert and NFPA 70E Compliance

12:50p Lunch

1:30p Part II of: Considerations for Adapting IEEE1584-2002 Arc Flash Study Results to a Post IEEE1584-2018 Risk Assessment; Applying the Method

Marcelo Valdes – ABB

2:00p Reducing Arc Flash in Common Bus DC Systems

Abhay Kumar – Member, IEEE

Mike Bukovitz – Tech4

2:30p NPP - GE Multilin

859 - New GE Multilin Motor Relay

2:40p Break

3:00p Arc-Flash PPE – A Simplified Constant Energy Line Table Method

Wednesday, June 23

Session 3: Moderator – Mark Zawadzki, PPIC Program Chair

Virtual Presentation

10:00a The Next Phase in the Evolution of Safety by Design – Medium Voltage Digital Switchgear

Dr. Harshavardhan Karandikar - ABB

Terry Neighbours - ABB

Ron Pate - ABB

10:30a The Autonomous Mill: Utilizing Digital Twins to Optimize the Pulp & Paper Mill of the Future

Brad Carberg - BSC Engineering

11:10a NPP - I-Gard Corporation

Absence of Voltage Device

11:20a Break

11:30a IEC versus ANSI/ANS MV Switchgear: Matching The Standard to the Application

John Webb – ABB

Dr. Harshavardhan Karandikar - ABB

Terry Neighbours - ABB

12:00p Recommendations for Selection, Installation and Maintenance of Substation Transformers

David Durocher – Retired, Eaton

David Koehler - Eaton

Marc Elliot - Eaton

Emily Held – International Paper

Lunch

1:30p WebEx Meeting

PPIC Executive Committee Meeting – by invitation only

Note: All Times are Eastern Daylight Time (EDT)
Thursday, June 24

Session 4: Moderator – Subcommittee Chairs will serve as the moderators for Subcommittee meetings

**Virtual Meetings**

10:00a  
**WebEx Meeting**  
PDS Subcommittee meeting – all are encouraged to attend  
https://ieeemeetings.webex.com/ieeemeetings/onstage/g.php?MTID=ea938b03b7247d817c66ae1e5d22d4cdc

10:30a  
**WebEx Meeting**  
PDS Subcommittee meeting – all are encouraged to attend  
https://ieeemeetings.webex.com/ieeemeetings/onstage/g.php?MTID=e1c5e06dd8de68e34b77271663799cba

11:00a  
**WebEx Meeting**  
DCS Subcommittee meeting – all are encouraged to attend  
https://ieeemeetings.webex.com/ieeemeetings/onstage/g.php?MTID=e5361cd05e11d4b4897d28554370d167

11:30a  
**WebEx Meeting**  
PCEMC Subcommittee meeting – all are encouraged to attend  
https://ieeemeetings.webex.com/ieeemeetings/onstage/g.php?MTID=ede6d7902ee3fcdfbb6e7d7a81895b5

1:00p  
**Lunch**

1:30p  
**WebEx Meeting**  
Full Committee meeting – all are encouraged to attend  
https://ieeemeetings.webex.com/ieeemeetings/onstage/g.php?MTID=e2a7559c4b472ba3c9e02b43e36fd0141

3:00p  
**WebEx Meeting**  
PPIC Standard Study Group meeting – all are encouraged to attend  
https://ieeemeetings.webex.com/ieeemeetings/onstage/g.php?MTID=e1e0b6833c862dfe1b2c8b8cc70fe5c79

5:00p  
**Conference Adjourn**

Note: Virtual Exhibit Booths will be open until 5 pm EDT on Friday July 23, 2021.

Virtual Booths can be manned (via chat function) one hour before session start, during breaks and 2 hours after session ends. They cannot be manned during the Subcommittee and General Committee meetings.
The Institute of Electrical and Electronic Engineers, Inc.

2021 IEEE IAS PULP and PAPER CONFERENCE (PPIC)

66th Annual Conference
Sponsored by the Pulp and Paper Industry Committee of the Industry Applications Society

2021 Virtual Conference
June 21 - 24, 2021