

Note: All Times are Eastern Daylight Time (EDT)

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 Queueing Telemetry Transport (MQTT) As Applied To Forest Products Applications
John Kay – Retired Rockwell Automation
David C. Mazur, Ph.D. – Rockwell Automation
Rob A. Entzinger, 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 Yogaratnam - 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 - Clearwater Paper
2:00p Novel Method to Ensure the Reliability of the DC Motors Controlled by an IGBT / PWM Converter
Eric Martínez 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 841 Motors
2:40p **Break**
3:00p A Review of Machinery Safety in the Pulp and Paper Industry
Bertil Göransson - ABB AB
3:30p Engaging Leadership in Electrical Safety and Maintenance
Greg Drewiske – Verso Paper
4:00p **Adjourn**

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 Corvalan – AMPSAFE, LLC
11:00a **NPP - Bender Inc.**
Enhanced HRG panels with Improved Safety and Monitoring
11:10a **Break**
11:30a **2-slot Paper/Presentation;** Introduction to IEEE Standard 1584 IEEE Guide for Performing Arc-Flash Hazard Calculations- 2018 Edition
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.**
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**
2:40p **Break**
3:00p Arc-Flash PPE – A Simplified Constant Energy Line Table Method
Marcelo Valdes – ABB
Remi Halle – BBA Inc.
Daniel Roberts - Schneider Electric
Kirk Gray, P. Eng - Hydro-Québec
4:00p **WebEx Meeting**
Standards Subcommittee meeting – all are invited to attend
<https://ieeemeetings.webex.com/ieeemeeting/onstage/g.php?MTID=ef400dbb4deced984be!b2ce02e862aff>
5:00p **Adjourn**

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 Carlberg - BSC Engineering
11:10a **NPP - I-Gard Corporation**
11:20a **Break**
11:30a IEC versus IEEE/ANSI 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
12:40p **Lunch**
1:30p **WebEx Meeting**
PPIC Executive Committee Meeting – by invitation only
3:30p **WebEx Meeting**
S&T Subcommittee meeting – all are encouraged to attend
<https://ieeemeetings.webex.com/ieeemeeting/onstage/g.php?MTID=ea938b03b7247d817c66ae1e5d22d4cdc>
5:00p **Adjourn**

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=e1c5e06dd8de68e34b77271663799cbaf>
- WebEx Meeting**
DCS Subcommittee meeting – all are encouraged to attend
<https://ieeemeeting.s.webex.com/ieeemeetings/onstage/g.php?MTID=e5361cd05e11d4b4897d28554370d1f67>
- 11:30a **WebEx Meeting**
PCEMC Subcommittee meeting – all are encouraged to attend
<https://ieeemeetings.webex.com/ieeemeetings/onstage/g.php?MTID=edeb6d7902ee3fcdfeb6e7dfaa81895b5>
- 1:00p Lunch
- 1:30p **WebEx Meeting**
Full Committee meeting – all are encouraged to attend
<https://ieeemeetings.webex.com/ieeemeetings/onstage/g.php?MTID=e2a7559c4b472ba3ce902b43e36fd0141>
- 3:00p **WebEx Meeting**
PPIC Standard Study Group meeting – all are encouraged to attend
<https://ieeemeetings.webex.com/ieeemeetings/onstage/g.php?MTID=e1e0b6833c862dfd1b2c8b8cc70fe5c79>
- 5:00p Conference Adjourn

Note: Virtual Exhibit Booths will be open from 8 am EDT on Monday June 21, 2021 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
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2021 Virtual Conference

June 21 - 24, 2021

