IEEE, IAS Electrical Safety Committee
Executive Subcommittee Meeting Minutes
Noon PST, January 29, 2017
Room 1735, Peppermill Tower, Reno, NV

Lunch
1. Call to order: 1 PM
2. Attendance – See Appendix A
3. Review of Agenda
   Motion to revise or approved agenda – moved by H. Hoagland; seconded by S. Seaver
4. Approval of Minutes from June 13, 2016 – moved by D. Roberts; seconded by L. Floyd
5. Business arising from the June 13, 2016 meeting
   a. Sign-up sheets at registration and exhibition
      a. Paper Review and Technical Program Subcommittees signed up new members
   b. 2018 ESW Location – Contract signed with OMNI Fort Worth, March 20 - 24
   c. 2019 ESW Location – Contract signed with Hyatt Regency Jacksonville, March 5 - 8
   d. Succession planning spreadsheet – See agenda item 12.
6. Report from A & N Subcommittee
   a. Daleep Mohla stepped down as Chair of History Subcommittee. New Chair is Lanny Floyd.
   b. Media Relations – The A&N Committee will be hiring a graphics design company to correct the resolution of the Electrical Safety Committee logo, with a view to vetting this company to produce media content for publicity purposes.
   c. National Academy of Construction – NAC Committee meeting will be held Monday, January 30, 2017 before the ESW. The Electrical Safety Committee Construction Subcommittee is investigating a partnership with the NAC to eliminate injuries and deaths in construction.
   d. Perks provided with Committee awards have been clarified.
   e. Highlighting the importance of the Committee awards – Lack of nominators discussed – Vince Saporita tasked with developing a strategy.
   f. IEEE Safety Initiative in India – See agenda item 9.
   g. ESW Logo – Revise “Changing…” to “Advancing…” – See agenda item 10.
   h. Revision to Committee Operating Procedure will be presented and voted on at the Electrical Safety Committee meeting Monday, January 30, 2017.
   i. Revision to Commercialism Guidelines regarding clothing be worn by ESW presenters, whether on stage or during any of the focus presentations.
   j. Succession planning of subcommittees – See agenda item 12.
   k. Nomination of Daniel Doan as Secretary
7. Presentation regarding ESW Brazil 2015 and 2017 – Attached.
8. Presentation IEEE electrical safety initiatives and conferences in India – Attached.
9. IEEE Safety Initiative in India – Viewed IEEE sponsored electrical safety video from Hyderabad, India; Followed by discussion chaired by Dave Durocher and Patrick McCarren; Furtherance of this initiative will occur under the auspices of the International Subcommittee.

10. Motion to change the logo and statement from “Changing the Electrical Safety Culture” to “Advancing the Electrical Safety Culture” – Moved by H. Hoagland; Seconded by F. Tyler.

11. Motion to accept changes to Committee Operating Procedures sent by email – Moved by D. Doan; Seconded by T. Domitrovich

12. Succession planning for subcommittees – Each Subcommittee Chair tasked with providing a name or names to Steve Wilson.

13. Reports from following Standing Subcommittees
   - Academic Development – Afshin Majd
   - Awards and Recognition – Vince Saporita
   - Codes and Standards Development – Arthur Smith
   - Construction – Mike Doherty
   - Corporate Relations – Frank Tyler
   - Early Career Development – Afshin Majd for Jay Prigmore
   - Facilities and Finance – Stephen Wilson
   - Historical and Records – Lanny Floyd
   - IAS Committee Relations – Hugh Hoagland
   - Industry Segment Development – Rachel Bugaris
   - International – Dennis Neitzel
   - Occupational Health and Safety – René Graves
   - Paper Review – Daniel Doan
   - Products and Services Development – Irozenell Pruitt
   - Publications – Thomas Domitrovich
   - Publicity Subcommittee – Joe Barrios for Tim Rorher
   - Technical Program Subcommittee – Ken White

   No report:
   - Government, Regulator, Inspectors & Laboratories – Michael Fontaine

14. New Business – None

15. Next meeting date and time – March 18, OMNI Hotel, Fort Worth, TX

16. Motion to Adjourn – 5:48 PM
# Appendix A – Attendance

<table>
<thead>
<tr>
<th>Last Name</th>
<th>First Name</th>
<th>Attended</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bugaris</td>
<td>Rachel</td>
<td>Yes</td>
</tr>
<tr>
<td>Doan</td>
<td>Daniel</td>
<td>Yes</td>
</tr>
<tr>
<td>Doherty</td>
<td>Mike</td>
<td>Yes</td>
</tr>
<tr>
<td>Domitrovich</td>
<td>Thomas</td>
<td>Yes</td>
</tr>
<tr>
<td>Floyd</td>
<td>Lanny</td>
<td>Yes</td>
</tr>
<tr>
<td>Fontaine</td>
<td>Michael</td>
<td>Regrets</td>
</tr>
<tr>
<td>Graves</td>
<td>Rene’</td>
<td>Yes</td>
</tr>
<tr>
<td>Hill</td>
<td>Dennis</td>
<td>Yes</td>
</tr>
<tr>
<td>Hoagland</td>
<td>Hugh</td>
<td>Yes</td>
</tr>
<tr>
<td>Liggett</td>
<td>Danny</td>
<td>Regrets</td>
</tr>
<tr>
<td>Majd</td>
<td>Afshin</td>
<td>Yes</td>
</tr>
<tr>
<td>Neitzel</td>
<td>Dennis</td>
<td>Yes</td>
</tr>
<tr>
<td>Pace</td>
<td>David</td>
<td>Yes</td>
</tr>
<tr>
<td>Prigmore</td>
<td>Jay</td>
<td>Regrets</td>
</tr>
<tr>
<td>Pruitt</td>
<td>Irozenell</td>
<td>Yes</td>
</tr>
<tr>
<td>Roberts</td>
<td>Daniel</td>
<td>Yes</td>
</tr>
<tr>
<td>Saporita</td>
<td>Vince</td>
<td>Yes</td>
</tr>
<tr>
<td>Seaver</td>
<td>Scott</td>
<td>Yes</td>
</tr>
<tr>
<td>Smith</td>
<td>Arthur</td>
<td>Yes</td>
</tr>
<tr>
<td>Sullivan</td>
<td>Paul</td>
<td>Yes</td>
</tr>
<tr>
<td>Tyler</td>
<td>Frank</td>
<td>Yes</td>
</tr>
<tr>
<td>White</td>
<td>Ken</td>
<td>Yes</td>
</tr>
<tr>
<td>Wilson</td>
<td>Stephen</td>
<td>Yes</td>
</tr>
<tr>
<td>Barrios, Joe</td>
<td>(Alternate for Rorher, Tim)</td>
<td>Yes</td>
</tr>
<tr>
<td>Guests</td>
<td></td>
<td></td>
</tr>
<tr>
<td>McCarren</td>
<td>Patrick (IEEE staff)</td>
<td>Yes</td>
</tr>
<tr>
<td>Durocher</td>
<td>David (Past IAS President)</td>
<td>Yes</td>
</tr>
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</table>
Electrical Safety Committee meeting
Academic Executive Subcommittee

Afshin Majd, PhD, PE
Chair of Academic Executive Subcommittee
Updated List of Members

• Daleep Mohla
• Wei-Jen Lee
• Jay Prigmore
• Marvin Devadass
• Payman Dehghanian
• Aaron Hall

• Terry McKinch
• Eric
• Andrew Molsen
• Alfonso A Jo
Activities in 2016, and Plan for 2017

• Two web meetings in 2016
• Working with the 1584 WG to finalize the 2016 standard draft
• Presenting 2 papers in ESW 2017, one on the topic of Safety education in academia (Jay/Afshin)
• Second paper on Arc Flash calculation method for commercial Power System software (Afshin)
• Teaching/training on Arc flash, and related topics as part of EasyPower team
• Dr. Lee’s group has one paper on DC AF (ESW 2017)
• Payman chaired a student-led IEEE-sponsored Texas Power and Energy Conference (TPEC) (Texas A&M)
• Making sure all our (EasyPower) training material is reflecting the latest Arc Flash standard
• Once 1584 draft gets approved, there will be a lot of work to update/train individuals/schools (2017)
Awards and Recognitions

• A&N approved the nominations for the Outstanding Service award, the Excellence in Prevention through Design Technical award, and the William C. Jordan award.
• A&N decided that we should only recognize people who have been given awards at the IEEE or IAS level. We will no longer recognize people who received awards from other committees such as PCIC. This is to help elevate our Committee awards to the same level as the other committee's awards.
• We will continue to ask Fellows and Senior members to stand. We will also ask first time attendees to stand and be recognized.
Awards and Recognitions

2017 ESW Awards

• Fellows stand
• Senior Members stand
• First Time Attendees stand
• Safety-Related Standards Committee Members stand
• Prize Papers
  • 3 Honorable Mentions
  • 1 Prize Paper
• Outgoing ESW Chair Award
• Excellence in Prevention Through Design Award
• Outstanding Service Award
• William C. Jordan Award
IEEE IAS CONSTRUCTION SUB-COMMITTEE REPORT
RENO, NV - 2017

- Last face to face meeting in Jacksonville, FL – 2016.

- 21 confirmed members, up to 26 pending at that time.

- Have had a few key members bow out due to significant unexpected changes in personal job logistics.

- One very engaged leader on our Construction executive team was not given permission to attend ESW this year after attending for many.
The construction Sub-Committee as a whole designed and delivered a tutorial at the Jacksonville ESW in 2016.

It was a group effort and challenging as we are spread all across the continent.

Overall we thought it went reasonably well.

The Construction Sub-Committee met in Jacksonville and agreed to put in an abstract for another tutorial in Reno -2017.
This was the focus and path forward as a team.

Unfortunately the tutorial abstract was not selected for 2017 ESW.

I believe we lost some traction and momentum but we are re-convening in Reno 2017 to determine new paths forward for the team.
One of the main points of discussion in Reno 2017 will be the *IEEE ESW Construction Sub-Committee / National Academy of Construction (NAC)* meeting in Reno 2017. The meeting will be held all day Mon. Jan. 29th.

**Overall Purpose:** To begin to build a partnership between the *IEEE/ESW and the NAC*. The intent of this partnership is to eliminate deaths and injuries in construction activities. The first focus will be on deaths and injuries due to electrocution and arc-flash.
The first step in this partnership is to plan and to execute a North American work-session, targeted for 3Q or 4Q 2017, with key personnel associated with the Construction Industry.

A planning session will be held on 30 Jan in Reno, Nevada, with interested representatives of the NAC and the Construction Safety Group of the IEEE/ESW.
IEEE IAS Electrical Safety Committee - January 29, 2017

Executive Subcommittee - Corporate Relations

Chair – Frank Tyler
Vice-Chair – Scott Seaver

Charge

To help fulfill the Electrical Safety Workshop (ESW) mission by overseeing the establishment and management of Corporate Relations between the ESW and companies/individuals. This relationship is formed by way of providing financial support, participating in the product exposition, or by hosting a hospitality suite.

Membership

- Corporate Support Chair – Frank Tyler
  - Corporate Support Vice-Chair – Still Searching
  - Works closely with Finance Chair Steve Wilson
- Product Expo Chair – Kevin Warren Scott Seaver
  - Product Expo Vice-Chairs – Scott Seaver/Jim White
- Hospitality Chair – Steffie Owen
  - Works closely with Meeting Planner Steve Glass

Role of Subcommittee/Activities

- Provide oversight for the annual solicitation of financial support of the annual ESW from corporations and individuals.
- Provide oversight for the organization of the product exposition at the annual ESW.
- Provide oversight for the vendor hospitality suites management process.
- Oversight for each item includes ensuring the activity is performed per the ESW Operating Manual.
- Review and recommend updates to the Corporate Support, Product Exposition, and Hospitality sections of the ESW Operating Manual as needed.
- Address any issues concerning corporate relations.
Early Career Development Subcommittee

Chair – Jay Prigmore, Ph.D, P.E.
Sub-Committee Details

• 6 members
• I decided to chair the committee after 2016 ESW.
• 2016 Meeting Summary – Data Gathering
  • Why did attendees come to meeting?
    • Guidance, Meet Young Professionals, Safety Information
  • How did they find ESW?
    • Luck, Corporate officer, Company presence.
• Method to Encourage Young Attendees
  • Links at larger conferences, first time attendee blurb, bring young engineers
• Wishlist
  • Overview of IEEE hierarchy/process geared toward students/new engineers
  • Arrange “get-togethers” with keynote speaker or influential members for guidance
Future Plans and Goals

• Recruitment –
  • Difficult time setting meetings due to schedules. Need members with availability.

• ESW 2018 –
  • Early Career (Young Professionals) welcome breakfast.
  • Dinner/Activity with more experienced professionals
  • Improve integration of young professionals into ESW.
  • Go to contact (myself or another committee member) for attendees looking to meet people.
  • Funding to support/encourage attendance.
Corporate Support

- No price increases for this years’ ESW.
- Slow start for this year - Have had multi-event supporters reduce some of their support and provide only one event for this year.
- Two supporters (one long time), wasn’t able to include corporate support in their budget this year.
- In the last 6-8 weeks of soliciting for support, there were three new supporters step up and provide the needed support for the workshop.
- Approximately $38,850 in support provided which is 3rd highest since the records have been kept in 2007.

<table>
<thead>
<tr>
<th>Year</th>
<th>Annual Support</th>
</tr>
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<tbody>
<tr>
<td>2007</td>
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<tr>
<td>2008</td>
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<tr>
<td>2016</td>
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</tr>
<tr>
<td>2017</td>
<td></td>
</tr>
<tr>
<td>2018</td>
<td></td>
</tr>
</tbody>
</table>

- 15 companies supporting 15 opportunities.
- Continue to add support opportunities as they are identified. Any ideas?
- Listing supporters for recognition in event-mobi as well as the ESW website. Has been well received by the supporters.
- Having the “support” checkbox on the registration website has led us to several people to contact for possible support opportunities. This has led to companies providing support.
- Personally thanking the supporters during the workshop.
Product Expo

- Typically, between 50 and 70 exhibitors. (approx. 50 for this year)
- Using the “passport” system to ensure contest entrants visit at least 15 booths.
- Excellent networking/social opportunity.
- Good for new business for participating companies

Hospitality Suites

- Three Hospitality Suites for 2017 workshop. Evenings - Monday (single), Tuesday (single) and Wednesday (shared by three).
- Another excellent networking/social opportunity.
Electrical Safety Committee
Facilities and Finance Subcommittee

Stephen Wilson– F & F Chair
Scope/Role of subcommittee:

- Managing identification of locations for future Electrical Safety Workshops
- Managing development of hotel and other contracts
- Managing application of IEEE and IAS financial management policies and procedures for ESW
Committee Members:

Subcommittee Membership

- Danny Liggett
- Scott Seaver
- Steven Glass
- Stephen Wilson
Activities

- 2017 Hotel contract signed,
- 2018 Hotel contract signed
  - OMNI Fort Worth, March 18 to 23
- 2019 Hotel contract complete.
  - Hyatt Regency Jacksonville, March 3 to 8
- Contracts in place for Glass and Associates for 2018, 2019, 2020
Rotation between east, west and central

How to attract new audiences from different industries and companies
Issues or Concerns

Finances

- Monitoring whether hospitality suites are taking away from corporate sponsorship or exhibition participants.
- Printing for the workbook. Seems to be working to charge attendees for hardcopy of workbook.
- Will increased registration fees affect our attendance?
- Doesn’t seem to have had an effect.
# Historical Financial Statistics

<table>
<thead>
<tr>
<th>Year</th>
<th>Surplus</th>
<th>Surplus</th>
<th>Location</th>
<th>Chair</th>
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<tbody>
<tr>
<td>2005</td>
<td>$75K</td>
<td>35%</td>
<td>Denver</td>
<td>Steve Wilson</td>
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<tr>
<td>2006</td>
<td>$65K</td>
<td>30%</td>
<td>Philadelphia</td>
<td>Bob Huddleston</td>
</tr>
<tr>
<td>2007</td>
<td>$97K</td>
<td>28%</td>
<td>Calgary</td>
<td>Mike Doherty</td>
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<td>2008</td>
<td>$44K</td>
<td>17%</td>
<td>Dallas</td>
<td>Jim White</td>
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<td>2009</td>
<td>$63K</td>
<td>39%</td>
<td>St. Louis</td>
<td>Ben McClung</td>
</tr>
<tr>
<td>2010</td>
<td>$74K</td>
<td>39%</td>
<td>Memphis</td>
<td>Joe Rachford</td>
</tr>
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</table>
## Historical Financial Statistics

<table>
<thead>
<tr>
<th>Year</th>
<th>Surplus</th>
<th>Surplus</th>
<th>Location</th>
<th>Chair</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011</td>
<td>$27K</td>
<td>11%</td>
<td>Toronto</td>
<td>Eva Clark</td>
</tr>
<tr>
<td>2012</td>
<td>$87K</td>
<td>43%</td>
<td>Daytona Beach</td>
<td>Dennis Neitzel</td>
</tr>
<tr>
<td>2013</td>
<td>$74K</td>
<td>26%</td>
<td>Dallas</td>
<td>Dan Doan</td>
</tr>
<tr>
<td>2014</td>
<td>$60K</td>
<td></td>
<td>San Diego</td>
<td>Marcelo Valdes</td>
</tr>
<tr>
<td>2015</td>
<td>$81K</td>
<td></td>
<td>Louisville</td>
<td>Hugh Hoagland</td>
</tr>
<tr>
<td>2016</td>
<td>$60K</td>
<td></td>
<td>Jacksonville</td>
<td>Dennis Hill</td>
</tr>
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## Historical Hotel Statistics

<table>
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<tr>
<th>Year</th>
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<th>Hotel</th>
<th>Block</th>
<th>Actual</th>
<th>Percent</th>
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<tr>
<td>2009</td>
<td>St. Louis</td>
<td>Union Station Marriott</td>
<td>1350</td>
<td>1127</td>
<td>83%</td>
</tr>
<tr>
<td>2010</td>
<td>Memphis</td>
<td>Marriott Downtown</td>
<td>1112</td>
<td>1299</td>
<td>117%</td>
</tr>
<tr>
<td>2011</td>
<td>Toronto</td>
<td>Sheraton Centre</td>
<td>1235</td>
<td>1432</td>
<td>116%</td>
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<tr>
<td>2012</td>
<td>Daytona Beach</td>
<td>Hilton Daytona Beach Resort</td>
<td>1470</td>
<td>1187</td>
<td>81%</td>
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<tr>
<td>2013</td>
<td>Dallas</td>
<td>Anatole Hilton</td>
<td>1575</td>
<td>1575</td>
<td>100%</td>
</tr>
<tr>
<td>2014</td>
<td>San Diego</td>
<td>Sheraton Hotel and Marina</td>
<td>1700</td>
<td>1814</td>
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<tr>
<td>2015</td>
<td>Louisville</td>
<td>Marriott Downtown</td>
<td>1600</td>
<td>1661</td>
<td>1.03</td>
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<tr>
<td>2016</td>
<td>Jacksonville</td>
<td>Hyatt Regency</td>
<td>1480</td>
<td>1839</td>
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<td>2017</td>
<td>Reno</td>
<td>Peppermill Resort</td>
<td>1840</td>
<td>2200</td>
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### Historical Hotel Statistics

<table>
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<th>Hotel</th>
<th>Rate</th>
<th>F &amp; B</th>
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<tbody>
<tr>
<td>2009</td>
<td>St. Louis</td>
<td>Union Station Marriott</td>
<td>$145</td>
<td>$96 K</td>
</tr>
<tr>
<td>2010</td>
<td>Memphis</td>
<td>Marriott Downtown</td>
<td>$149</td>
<td>$116 K</td>
</tr>
<tr>
<td>2011</td>
<td>Toronto</td>
<td>Sheraton Centre</td>
<td>$159 C</td>
<td>$175 K C</td>
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<tr>
<td>2012</td>
<td>Daytona Beach</td>
<td>Hilton Daytona Beach Resort</td>
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<td>$137 K</td>
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<td>2013</td>
<td>Dallas</td>
<td>Anatole Hilton</td>
<td>$169</td>
<td>$211 K</td>
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<tr>
<td>2014</td>
<td>San Diego</td>
<td>Sheraton Hotel and Marina</td>
<td>$179</td>
<td>$254 K</td>
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<tr>
<td>2015</td>
<td>Louisville</td>
<td>Marriott Downtown</td>
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<td>$166 K</td>
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<tr>
<td>2016</td>
<td>Jacksonville</td>
<td>Hyatt Regency Riverside</td>
<td>$159</td>
<td>$200 K</td>
</tr>
<tr>
<td>2017</td>
<td>Reno</td>
<td>Peppermill Resort and Casino</td>
<td>$139</td>
<td>No Amount Set</td>
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## Future ESW

<table>
<thead>
<tr>
<th>Year</th>
<th>Location</th>
<th>Hotel</th>
<th>Rate</th>
<th>F &amp; B</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018</td>
<td>Fort Worth</td>
<td>OMNI Fort Worth Ken White (chair) March 20 - 23</td>
<td>$169</td>
<td>$150 K</td>
</tr>
<tr>
<td>2019</td>
<td>Jacksonville</td>
<td>Hyatt Regency Rene’ Graves (chair) March 5 – 8</td>
<td>$170</td>
<td>$150 K</td>
</tr>
<tr>
<td>2020</td>
<td>Reno?</td>
<td></td>
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Electrical Safety Committee
Facilities and Finance Subcommittee

Stephen Wilson– F & F Chair
Historical and Records Subcommittee
Report to the IAS Electrical Safety Committee Exec SC January 30, 2017

Chair: Lanny Floyd  H.L.Floyd@ieee.org

Scope

• Develop and maintain historical materials and information of the life and evolution of the committee and the ESW.
• Information is to be kept on the committee website.
• Encourage individual and companies who have supported the committee or the ESW to submit memories.
Historical and Records Subcommittee
Report to the IAS Electrical Safety Committee Exec SC January 30, 2017

• **Activity past 12 months**
  • Lanny Floyd succeeded Daleep Mohla as Chair
  • Currently one person subcommittee
  • Index of past papers and presentations updated to include 1992-2017 (Body of Knowledge Index)

• **Goals for 2017**
  • Archive our 25 year history materials
  • Establish a photo library (not enough capacity on IEEE server)
  • Capture Awards history
  • Capture past conference history, including link to articles in Industry Applications Magazine and other publications

• **Long Term Goal**
  • Populate the BOK with hyperlinks to papers, presentations, TIA and IAM publications
The Index now has 600+ papers and presentations.

1. Is maintaining this worthwhile?
2. How could this be useful?
3. What features should it include?
4. How could this be better than current capabilities in Xplore?
5. What software application would be best to manage this so that it is an easy to use tool
Industry Segment Development Subcommittee

- Current subcommittee members
  - Rachel Bugaris (chair)
  - Dennis Hill (secretary)
  - Allison Haluik,
  - Al Havens,
  - David Pace,
  - Kevin Warren,
  - Jason Lemke,
  - Jeff MacKinnon,
  - Aaron Hall,
  - Sean Monckton,
  - Babak Vaseghi,
  - Doug Wettekin,
Accomplishments in 2016

- Increased membership
- Identified actions for the subcommittee to increase relevance and awareness of the ESC/ESW with new industry segments
Planned Activities

2017: Promote the value of the ESW and showcase content to other IEEE/IAS members and potentially other industry organizations

- Identify ways to promote ESC and ESW at the local level
- Reach people that may not be able to attend the ESW, especially those at small and medium sized companies.
  - Develop a program to create digital content (webinars?) to keep the conversation going beyond the ESW and build relevance to other industries
    - Identify topics from workshop content
    - Work with IAS to host Electrical Safety Webinars
International Subcommittee

- Work continues on the development of an International electrical safety standard
  - Proposed revision of IEEE std 3007.3-2012 *Recommended Practice for Electrical Safety in Industrial and Commercial Power Systems* to include IEC and EN electrical safety requirements for International application
    - All IEC and EN standards have been obtained from IEEE
  - Proposed revision is currently on hold
    - The Technical Book Correlating Committee (TBCC) Chair, Daleep Mohla, declined allowing a PAR to be submitted to IEEE to revise 3007.3. He stated that he wanted to focus on developing all of the other “dot” standards that are far behind before we move forward with revisions of standards that have been published.
International Subcommittee

• John Nelsen has proposed a new subcommittee titled: “International Overhead Power Line Electrical Safety Awareness Subcommittee”
  • Overhead Power Line Safety Awareness Program
  • John is meeting with the International Subcommittee on Monday, Jan. 30, at 4:30pm to discuss the proposal
Occupational Safety and Health

Chair: Rene’ Graves  lrgraves@ti.com

• Currently there are 4 members who agreed to work with the safety and health committee.

• Engage occupational safety and health professionals from all disciplines and industries.
  – Sent out survey trying to better understand the demography of the current members as it relates to electrical safety.

• Develop mechanisms to broaden the electrical knowledge of those working in the occupational safety and health profession.

• Seek out new and useful information and knowledge related to electrical safety from all industry segments.
  – Tried to work with ASSE to allow IAS ESW host a both at the ASSE conference in June 2016. Action denied

• Encourage occupational safety and health professionals to become involved in the ESW
  – Future plan is to reach out to those attend the Tutorial 1 Electrical Safety Basics
  – Work with the standards sub-committee to better understand and ensure we can provide possible recommendations for future standards.
ESC Paper Review Subcommittee
Report of Technical Papers Published in 2016 and Peer Review In Progress

Dan Doan – ESC Paper Review Chair
January 2017
Scope/Role of subcommittee:

Provide system of Peer Review for papers presented at ESC conferences (such as ESW), and papers presented at affiliated conferences of the IAS with subject of electrical safety.

Use of ScholarOne tool.
Committee Members:

Associate Editors in ScholarOne:
- assign reviewers for papers
- run process of peer review
Ken White, Paul Sullivan
Jim Mitchem – resigned summer 2016
Daleep Mohla, Hugh Hoagland – starting 2017

Paper Review Committee Chair:
- initiate papers in ScholarOne
- assign Associate Editor for each paper in review
- final decision on papers following the IAS process
Papers Reviewed and Published:

In 2016:

17 technical papers published in the IEEE Transactions on Industry Applications
6 papers in the editor’s queue for publishing in Transactions.

8 papers published in the IAS Industry Applications Magazine
7 papers in the editor’s queue for publishing in Magazine
IEEE Transactions on Industry Applications

Jan/Feb 2016 Issue:
Electrical Modeling of an Isolated Surgical Aortic Valve Replacement for Microshock Risk Assessment (Zennaro, 2015 ESW)
Improved Cable Connection to Mitigate Transient Enclosure Voltages in 220kV Gas-Insulated Substations (Valero, 2015 ESW)
Investigation of a Near Miss Shock Incident (Doan, 2015 ESW)
Touch Voltage Analysis in Low-Voltage Power Systems Studies (Mitolo, 2015 ESW)

Jul/Aug 2016:
Measurements, Observations, and Implications of Moving Electrical-Arc Behavior and Effect of Reclosure Events on Overhead Lines and Worker Protection (Hoagland, 2015 ESW)
IEEE Transactions on Industry Applications

Nov/Dec 2016:
349 Case Studies and Consideration of Electrical Accidents in Japan (Ichikawa, 2016 ESW)
A Misunderstanding We Should Eliminate (Floyd, 2016 ESW)
Arc Flash Pressure Measurement System Design (Lee, 2016 ESW)
DC Arc Model Based on 3-D DC Arc Simulation (Rau, 2016 ESW)
Electrical Fatalities Reported by Federal OSHA for Calendar Year 2014 With Consideration of Design Interventions (Burdge, 2016 ESW)
Employee Contacts 2400 V—What We Learned From the Event (Huddleston, 2016 ESW)
Enhancing Electrical Safety Without Touching a Tool (LeRoy, 2016 ESW)
It Looked the Same to Me (Rachford, 2016 ESW)
Medium-Voltage Arc Flash in Switchgear and Live-Front Transformers (Eblen, 2016 ESW)
Novel Approach to Arc Flash Mitigation for Low-Voltage Equipment (Catlett, 2016 ESW)
Proposal of a Time-Domain Platform for Short-Circuit Protection Analysis in Rapid Transit Train DC Auxiliary Systems (Berger, 2016 ESW)
The Analysis of an Incident Investigation System (Jooma, 2016 ESW)
IEEE Industry Applications Magazine

At-Risk Occupations in Power Line Fatalities (Brenner, Cawley)
Bridging the Gap: Using Technology to Capture the Old and Encourage the New (Barrios, Reyes)
Electrical Fatality Rates in Japan, 2002–2011: New preventive measures for fatal electrical accidents (Ichikawa)
Forging Skill-Rich Workers (Rachford)
IEEE Industry Applications Magazine

Hearing Protection - the Electrical Hazard You Don't 'Hear' About! (Lippert, Lippert)
Leadership in Electrical Safety Comes From the “12th MAN” (Crow)
Risk Assessment and Your Electrical Safety Program (Roberts)
Selling Electrical Safety in Your Organization (Rohrer)
In Progress in ScholarOne

Two papers from the 2016 EEEIC: International Conference on Environment and Electrical Engineering
Fault Current Detection and Dangerous Voltages in DC Urban Rail Traction Systems
Lead Author: Enrico Pons
Arc Flash Criteria in Utility Distribution Systems Protected with Fuses
Lead Author: Massimo Mitolo

2017 ESW: 32 papers in ScholarOne for peer review

Note: Magazine articles need to be completely through ScholarOne, with final files submitted, by July 2017, to make the 2018 Magazine publishing list.
Issues/Path Forward

Always need more paper reviewers; please click on ‘Accept’ when you get a request for doing a paper review!
Our Mission

Identify applications of the Electrical Safety Workshop that can be applied in other situations that will add value to the IEEE IAS membership and others. Support fellow subcommittees for the leveraging of product and services to other organizations. Support the change and advancement of the electrical safety culture to enable sustainable improvements in prevention of electrical accidents and injuries.

Our Strategy

Provide product and services forums for the exchange of ideas for preventing electrical accidents and injuries in the workplace. Support accelerated advancements in development and application of technology, work practices, standards, and regulations. Provide links for professionals and centers of excellence in industry, engineering, government and medicine.

http://www.ewh.ieee.org/cmte/ias-esw/AboutESW.html
IEEE ELECTRICAL SAFETY COMMITTEE
“CONSTRUCTION” SUBCOMMITTEE LEADERSHIP TEAM

Irozenell Pruitt
Chair
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313-595-4633 (Cell)

Denisse Collazo
Rebecca Temple
David Hall
Sorab Matto
Bradford Morse

Jan. 25 / 2015 – R2
2016 Accomplishments

- Daily Safety Tips for the May Electrical Safety Month:

  With help from Lanny Floyd and Tim Rohrer the Product and Services Committee issues daily (Monday – Friday) electrical safety tips via Twitter during the month of May.
2017 Plans

• To expand on the Electrical Safety tips for the month of May.
• Need more members for this committee.
Project Ideas

• Selecting tutorials and presentations to offer to IAS for Webinars and Tutorials.
• Offer directory of speakers and topics to local IEEE Chapters.
January 29, 2017

ESW 2017 Workshop Publications Chair report

The publications committee has produced the following for the 2017 Electrical Safety Workshop:

- 210 Workbooks
- 525 Anniversary books
- 525 Memory sticks

To follow will be entering these materials into Explorer once the committee approves and recognizes the papers that are to be included. We will begin soon the process for the 2018 electrical safety workshop.

Sincerely,

Thomas A. Domitrovich
VP, Technical Sales
Technical Subcommittee 2017

Ken White – Technical Committee Chair
Jeremy Smith – Vice Chair
Eva Clark – Focus Session Chair
Mark Scott - Tutorial Chair
Scope/Role of subcommittee:

• Work with ESW technical committee to accept or reject proposals for presentations and posters meeting the ESW Mission
• Assist ESW Technical Committee to assure topic diversity
• Continue to develop paper, presentation and poster guidelines
Committee Members:

- David Pace
- Ray Crow
- Dan Doan
- Eva Clark
- Joe Rachford
- Mark Scott
- Paul Sullivan
- Dennis Neitzel
- Mike Doherty
- Marcelo Valdes

- Tom Neal
- Jim White
- Thomas Domitrovich
- Steve Wilson
- Paul Dobrowsky
- Hugh Hoagland
Key Changes for ESW in 2017

- Electronic submittal for paper and tutorial proposals
- Electronic submittal of paper and poster presentations worked well
- Updated the presentation format for ESW
- Developed Rough draft Paper review guidelines
- Focus Session to be limited to 10 presenters
- Developed guidelines for Technical Committee membership
- Developed guidelines for prize papers, poster and oral presentations
Issues/Concerns

- Authors to adhere to the timeline and guidelines
- Notify attendees on asking question guidelines
- Update operating manual to show changes agreed to in 2016
- Guidelines for removing paper from program
- Consistent prize paper guidelines
- Do we want to give feedback to tutorial presenters
- Peer review of tutorials formal program (completed for 1 tutorial but no formal program)
Long Term Improvements

- Decide on when and how to do final review of papers / some issues using Scholar One
- Develop means for assisting other IAS committees with Electrical Safety Issues
- Review how injuries are occurring and make sure those are addressed in the workshop
- Enhance tutorial program-web presentations?