

**IEEE IAS Electrical Safety Workshop
Index of Presentations, Keynote Speakers and Tutorials 1992-2017**

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Revised 10 December 2016

This index is maintained to:

- Help authors identify and reference previously published papers
- Help authors and conference organizers to identify opportunities to address gaps in topics previously addressed
- Assist members of the Electrical Safety Committee to identify award nominees and develop nominations
- Maintain a historical record of the evolution in work to advance the mission of the Electrical Safety Committee

TOPIC & TITLE	SPEAKER	YEAR
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Auditing & Benchmarking

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Construction Inspections	Paul Brantley	2000
Looking Out for Each Other	Garry Donner	2001
A Need for Electrical Benchmarking	Bruce McClung, John Propst	2002
A Second Set of Eyes- The Benefit of a Third Party Audit	D. Ray Crow	2003
Benchmarking End Users	G. Paolette	2005
Developing a State of the Art Electrical Safety Auditing Program	D. Ray Crow, John Aeiker	2007
Second Party Audit Program – Summary of One Company's Approach and Findings	Paul Sullivan, Bruce Cole	2008
Structure, Applications, and Case Study of a Leading Indicator Database in Construction	C. Bryan Drennan	2008
Auditing is a Critical Element in Any Electrical Safety Program	John Aeiker, D. Ray Crow	2013
Improving Workplace Electrical Safety through Self-Assessment	Brett Brenner	2013
Ask the Right Question Techniques for identifying gaps between actual worker practices in the field vs. your company's Electrical Safe Work Standard	Ron Zieber	2014
Electrical Safety Audit Findings – Do's and Don'ts	Terry Becker	2014
External Audit of Electrical Safety and Maintenance	C. Satish	2014

Business Consequences

Life Cycle Cost	Lynn Saunders	1998
Electrical Safety Implications of Y2K	Lanny Floyd	1999
It's Not Over When It's Over -- The Hidden Cost of Incidents and Accidents	Ron Hayes, Dr. Mary Capelli-Schellpfeffer	2002
Cost Benefits of Electrical Safety	Dr. Mary Capelli-Schellpfeffer	2003
To Work Hot or Not – What Costs Drive the Decision	Michael Callanan, Dr. Mary Capelli-Schellpfeffer	2004
Beyond Injury Prevention – Understand the Power of Your Electrical Safety Program	Lanny Floyd	2006
Good Safety is Good Business	Dean Gatien	2010

Case Histories

Case Histories of accidents	Clark Lockerd	1992
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Review of Accident Case Histories	Lanny Floyd	1997
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Electrical Incident Case Histories	Joe Andrews, David Pace	1999
Top 10 Reasons Why I Won't Wear Arc Flash PPE	Danny Liggett	2001

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Going Outside the Boundary	Lynn Saunders	2001
Lighting Systems	Ray Jones	2001
I assumed my buddy knew it was energized	Steve Wilson	2001
Who's at Fault -- Contractor or Owner?	Joe Andrews	2002
I Thought it was Deenergized	Ray Crow	2002
Electrical Classification	Charlie Hoy	2002
Electrical Shock Close Call	Jim Hill	2002
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Arc Flash Burn Survivor Testimonial	Ben Johnson	2003
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Arc Flash Incident in a Chemical Manufacturing Facility	Bob Huddleston	2006
Incident Case History: Arc Flash Study Experiences	Craig Wellman	2007
More Safety with Thru – Door Voltage Indication	Philip Allen	2007
Electrical Arc Flash Incident	Yves Tremblay	2007
No Power Outage Required	Eva Clark	2007
Vacuum Breaker Failure	Jim White	2007
The Human Side of Electrical safety	Andrew Hernandez	2008
A Novel Solution for Lockout/Tagout in Hazardous Locations	Robert Huddleston, Richard Ryland	2008
Testing to Verify Operation of Interlocks in MV Motor Starters	Becky Lobitz	2008
Could a Proper Repair Have Prevented this Accident?	Stephen Wilson	2008
Improper Labeling and Look Alike Equipment – A Dangerous Combination	D. Ray Crow	2008
Eliminating Multiple Sources of Error	Dennis Hill	2009
Realizing Electrical Safety Dream Against major Hurdles	Shahid Jamil	2009
Electrical Safety Coalition	Mike Doherty	2010
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Is Your Brain Engaged	Leon Greenwood	2011
The Label Says...	Dennis Hill	2011
Contract Employee Cuts into an Energized 13.8kV Cable	Bob Huddleston	2013
Electrical Safety Myths and Facts	Jim White	2013
Electrical Disaster Recovery Operations for a Hospital	Mike Moore	2013
I Thought I Got Shocked	Joe Rachford, Eric Castle	2013
Arc Flash Hazard Remediation at Electric Utility Generation Station	T. Blair	2013
Live Work on a Lighting Circuit Results in Serious Injuries	Shahid Jamil	2013
Are you safe with your temporary protective grounds	Steve Leblanc	2014
The \$125,000 Field Mouse	Scott J Carroll	2014
Electrical Safety Myths and Facts, Part 2	Jim White	2014
EBMUD Walnut Creek Raw Water Pumping Plants Electrical Safety Improvements Project – Turning a Bad Situation Into Opportunity	Diosdado V. Hernandez, Doug Handran, Sonja L. Mah	2014
Take Something Home	Joe Rachford, Butch Collins	2015

Classified Hazardous Areas

Hazardous Locations/Zone Concepts	Ed Briesch	1998
Area Classifications	John Propst	1999
Explosion Protection Method "e" Increased Safety	Charlie Hoy	1999

IEC Ex Scheme - US Implications	John Rennie	2000
A Canadian Perspective on the Zone Classification Approach	Vince Rowe	2001
Electrical Area Classification - New Tools for an Old Problem	John Propst	2002
Seminar on Zone and Area Classification	Heinz Bockle	2004
Safety in Classified Areas	Scott Seaver, Richard Holub	2005
Methods of Protection in Hazardous Locations	Scott Seaver	2006
Installation, Operation and Maintenance Considerations for Electrical Equipment in Hazardous Location	Mart Cole, Tim Driscoll, Ken Martin	2010

Codes, Standards & Regulations

Discussion of interaction of Committees & working Groups involved with electrical safety	R. Jones, B. McClung	1992
OSHA Subpart S	Bruce McClung	1995
OSHA Subpart R	Ray Jones, Lynn Roach	1995
NFPA 70E	Ray Jones, Bruce McClung, Lynn Saunders	1995
Electrical Safety-Related Regulations Overview - OSHA Subpart R	D. Ray Crow	1996
The OSHA Process - OSHA Subpart S	Ray Jones	1996
Most Violated Electrical Regulations-Panel Discussion	Lynn Roach, Walter Hyde, Clark Lockerd	1996
Electrical Safety Regulation Overview - Subpart S and R, OSHA, NFPA 70E	D. Ray Crow, Ray Jones	1997
Electrical Safety Overview - Latest changes (actual or proposed) in regulations	Bruce McClung	1997
Regulations Overview	Ray Jones	1998
OSHA Update & Questions	Dave Wallis	1998
IEEE Yellow Book Review	Lanny Floyd, Joe Andrews	1998
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Regulations Overview	Ray Crow	1999
Proposed Changes to NFPA 70E	Joe Andrews, Paul Hamer	1999
OSHA Update & Questions	Belinda Cannon	1999
Limitations of Subpart S / Most Violated Regulations	D. Ray Crow	2000
NFPA 70E Update & Changes	Ray Jones	2000
OSHA Direction in Electrical Safety	David Wallis	2001
What is in Store for NFPA 70E-2003	Ken Mastrullo	2002
NFPA 70E and OSHA 1910 Vs 1926 What Applies When?	Ray Jones	2002
The Evolution in Codes and Standards	Joe Andrews	2003
Landmark Agreement: Using NFPA70E to Protect Electricians, Columbus OSHA	Ken Mastrullo	2003
Potential Changes to NFPA70E-2003	Ray Jones, Ken Mastrullo	2003
An Update on NFPA70E	Ken Mastrullo	2004
NFPA70E Table Proposal	Paul Hammer	2004
Update on NFPA70E	Paul Dobrowski	2005
Electrical Safety in the Workplace through Design, Construction, Operational and Maintenance Practices, 70E Concerns	John Nelson	2005
Update NFPA70B	Mel Sanders	2005
Discussion of NFPA70E	Ken Mastrullo, John Nelson	2005
Working Together to Make the Americas Safer	Mark Earley	2007
NFPA 70E Changes (Maybe) & How You Can Provide Input	Paul Dobrowski	2007
NFPA70E Update	Paul Dobrowski	2008
Combining the Best of Both Worlds?	Li I. F. G. Marx	2008
CSA Z462 Update	Mike Doherty	2008
Keynote: Does NFPA70E Really Require Anything New?	Palmer Hickman	2008
Introduction to OSHA 1926 Subpart V	Bob Isminger	2008
Toward a More Globally Effective Standard for Occupational Electrical safety	H. Landis Floyd II	2009

2009 NFPA70E New Requirements, Enhancements and Future Improvements	Paul Dobrowsky	2009
Case History: A Day with an OSHA Compliance Officer	Chris Matthewson	2010
Proposed Changes to NFPA 70E-2012	Paul Dobrowsky	2011
Overview of Changes to IEEE 902	Dennis Neitzel	2011
Panel Discussion – CSA Z462	Mike Doherty	2011
Why are NFPA 70E and CSA Z462 Different?	Stephen Wilson, Kerry Heid, Tom Neal, Daniel Roberts	2012
National Electric Safety Code Part 4	Pamela Tompkins	2012
OSHA 29CFR1926 Update	Jim White	2012
Proposed Changes to NFPA70E - 2015	Paul Dobrowsky	2013
NFPA 70E 2015 Proposed Changes	Paul Dobrowsky	2014
Electrical Safety in the workplace: an IEC point of view	Massimo Mitolo	2014
Using ASTM F2677-08a Standard Specification for Electrically Insulating Aprons for cable splicing in an electric utility: An Innovative Standard Driving Work Practice	Tom Rege	2014
Case Study Submitting Standard Proposals to the NFPA	Alvin Havens	2015
ASTM F2676, Added Safety for Confined Space Workers	Victor L. Petrovic	2015
Redeveloping the 2018 NFPA 70E Annex K and Contemplating Beyond	Tammy Gammon, Wei-Jen Lee, Zhenyuan Zhang, Ben Johnson, James Beyreis	2015
Changing the Code® Culture	Brett Brenner	2015
Update on 70E 2018	Paul Dobrowsky	2016
NFPA 70E-2018 Edition Changes	Paul Dobrowsky	2017

Construction Safety

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NFPA70E as it Applies to Construction Sites	Brian Drennan	2003
Keynote: Focusing on Construction Electrical Safety	Kenneth Mastrullo	2008
Construction Power Design, Installation and Control Considerations for a Large Industrial Construction Project	Mark Cross, Scott Mitchell	2015

Contractor Safety

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Safe Electrical Work Practices in Construction	Danny Liggett	1998
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Electrical Safety for Contractors and Service Personnel	Dennis Neitzel	2008
Service Contractor Realities – Minimizing Risk	Ronald Bergeron	2011

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Electrical Safety by Design	Bob Rafferty, Daleep Mohla, Shahid Jamil	1998
Electrical Safety by Design	Rich Epperly, Daleep Mohla	1999
Safety by Design-Retrofitting High Resistance Grounding Systems	Jim Bowen	1999
Safety by Design	Bob Rafferty	2000
Low Voltage Current Limiting Fuses to Reduce Arc Flash	Vince Saporita	2000
Intro to Safety by Design	Jim Bowen	2001
Safety by Design - Power Systems	Daleep Mohla	2001

Panel Discussion: Electrical Safety by Design	Jim Bowman, Bruce McClung, John Nelson, Vince Saporita, Gary Wetzel	2002
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Electrical Safety Overview - Where to get copies of information	Kim Eastwood	1997
Creating Innovative Relationships with Suppliers	Jim Catherine	1999
Labor Liaison	Cindy Coe, Dean Foster	2002
Impact of Relay Coordination on Arc Flash Boundary	David Pace	2004
Impact of Overcurrent Protection on Arc Flash	George Gregory	2004
Electrical Design Safety and You	Gus Zeller	2004
Electrical Safety Through People and Design	Ken Moses, Steve Wilson	2005
Design Issues Beyond NEC	Paul Dobrowsky	2005
Lighting Design Reduces Incidents	M. Walton, Tim Driscoll, R. Loiselle, G. Brady	2005
Reducing the Dangerous Arc Flash Hazard in Industrial Facilities	Mike Hodder, W. Vilcheck, F. Croyle, D. McCue	2005
Issue and Resolutions with High Resistance Grounding	Tony Locker	2006
Effect of High Fault Currents on Ground Grid Design	Peter Sutherland	2006
Electrical Design Refined for Safety	Bruce McClung, Ben McClung, Daleep Mohla	2006
Incident Case History: Creation of a New Electrical Safety Device	Danny Liggett, Greg Steinman	2007
Early Stage Arcing Fault Detection for Medium / Low Voltage Switchgear	Wei-Jen Lee	2007
Safety and Environmental Evaluation of Insulating Media in MV Distribution Systems	Robert Yanniello	2008
Designing a Site Electrical System with Arc Flash Energy Under 20cal/cm ²	Daniel Doan	2008
The NIOSH "Prevention Through Design" Initiative	H. Landis Floyd II	2008
Designing Out Arc Flash Hazards, Using Two Examples of Eliminating the Hazard	William E. Anderson	2008
Designing for Electrical Safety that can Withstand Legal Scrutiny	Michael S. Morse	2009
Electrical "Life Cycle Safety" The View from Design	Satish Parikh, Kaz Kolodziej, Jesse Rascan, Carmela Salas	2009
Use and Application of Third Party Electrical Equipment and Materials	Al Havens	2010
Electrical System Design Modifications to Improve Electrical Safety	Dennis Hill, Bruce McClung	2010
Optimizing Circuit Breaker Instantaneous Trip Settings for Selectivity and Arc Flash Performance Simultaneously	Steve Hansen, Peter Sutherland, Marcelo E. Valdes	2010
Stray Current Analysis	Peter Sutherland	2011
ANSI Z590.3, Prevention through Design (Keynote Presentation)	Darryl Hill	2012
Application Guidelines for Transformer Connection and Grounding for Distributed Generation	P.K. Sen, E. Weisgerber, K. Malmedal	2013
Reducing and Eliminating Electrical Hazards through Electrical Equipment Design Considerations	Dennis Doody	2013
Protective Devices for Preventing Electrical Fatalities and the Fatalities by Month in Japan	N. Ichikawa	2013
Design of Arc Flash Protection System Using Solid State Switch, Photo Detection, with Parallel Impedance	Sergio Paneta	2013
DC Arc Flash Mitigation Design at a Nuclear Research Facility	Walter P. Mendenhal	2014
Prevention through design: reducing risks near service and main disconnects	Daleep Mohla, Kevin Lippert, Craig Wellman	2014
Improving Worker Safety and Reducing Risk to Plant Operators Through Use of IEC 61850-GOOSE High Speed Messaging Protection and Control Over Long Distance	Dennis J. Hill	2014
Productively Safer Lock-out Tag-out Procedure with Permanent Electrical Safety Devices	Philip Allen	2014
Lighting Safety Factor Improvements	Matthew Leong	2014
Safety By Design: Solid Insulated Technologies Challenge the use of SF6 in Medium-Voltage Switchgear	Dave Durocher, Lawrence T. Connor, Mario Haim, Johan de Jong	2015
Arc Flash Light Intensity Measurement System Design	Wei-Jen Lee, Zhenyuan Zhang, Tammy Gammon, Ben Johnson, James Beyreis, Shiuhan-Hau Rau	2015

Arc Flash Mitigation Through The Use of an Engineered Parallel High Speed Semi-conductor Fuse Assembly	Bradley Gradwell	2015
Automating the Test Before You Touch Process – Applying Prevention by Design to Voltage Testing	Rachel Bugaris	2016
Electrical Fatalities Reported by Federal OSHA for Calendar Year 2014 with a Consideration of Design Interventions	Gavin Burdge, Lanny Floyd	2016
Digitally Enhanced Switchgear Functionality	Thomas Papallo, Greg Morozzi	2017

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Developing an Electrical Safety Program	Steve Wilson, Ken Moses	2003
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APES and the Evolutionary Ladder of Electrical Safety	Mike Doherty	2003
Examples of How a Variety of Companies Approach Electrical Safety Programs	John Cadick	2003
Common Sense and Knowledge Approach to Electrical Safety	Bruce McClung	2004
Follow the Yellow Brick Road	Butch Collins, Joe Rachford	2005
Holistic Approach to Electrical safety	Danny Liggett	2005
Electrical Safety Program Validation	John Cadick, Al Winfield, Steve Simmons	2005
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Complying with OSHA Regulations for Electrical Safety	Ken Mastrullo	2005
Applying NFPA70E to Electrical Utility Operations	Doug Mills, Richard Mesker	2006
Grubs not Moles in Electrical safety	Mike Doherty	2006
Integrating a State of the Art Electrical safety Program into Your Company's Business Objectives	Lanny Floyd, John Aeiker, Danny Liggett, Paul Sullivan	2006
An Electrical Safety Program for a Pipeline Company	Art Neubauer	2006
Hurricane Katrina Damage Recovery – Case Study in Managing Electrical Safety During Disaster Recovery	Edward Thornton	2007
Implementation of NFPA 70E in a Large Industrial Facility: Lessons Learned	David Mills, John McAlhaney, Jr., Glyn Luke	2007
Enhancing Electrical Safe Work Practices by Implementing an Electrical Safety Program	Terry Becker, Kerry Wycislik,	2007
Integrating Arc Flash Hazard Analysis into Comprehensive Electrical Safety Programs	John J. Kolak	2008
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Incorporating a “Live Work Policy” into your Electrical Safety Program	Kenneth Mastrullo	2014
What is the Quality of Contractor's Qualified Electrical Workers!	Mike Moore	2014
Electrical Safety in South Africa	J.P. Malatse	2014
Hazard or Risk Analysis, Overcoming the Human Factor	Robert S LeRoy	2015
The Challenges to Achieve and Maintain a Electrical Safe Workplace	Steve Leblanc, Pierre Normand	2015
Bridging the Gap: Using Technology to Capture the Old and Encourage the New	Joe Barrios, Katie Scarlett Reyes	2015

Electrical Safety – A Program Development Guide	Terry Becker, Chris Davis	2015
Safety Procedures for Electrical Work in Installations Susceptible to Unexpected Sources of Energy	Giuseppe Parise, Luigi Parise, Massimo Mitolo	2015
Enhancing Electrical Safety Without Touching a Tool	Robert S. LeRoy	2016
Electrical Safety Work Control Process and ISM	Robert J Spang	2016
Electrical Hazard Prevention Program at a Water and Wastewater Utility	Diosdado V. Hernandez, Robert Mac	2016
Electrical Safety for Industrial and Commercial Power Systems	Dennis Neitzel	2016
The Electrical Safety Situation in Mexico	Camilo Martinez	2017
Equipment Control Processes Used for Electrical Safe Work Practice Compliance	Robert S. LeRoy, Jeffrey Grovom	2017
From the "Ground" Up Improving Electrical Safety for the Electrical Worker	Jason Cole	2017

Emergency Response

Emergency Response to Electrical Injuries	Kim Eastwood	2000
Emergency Response, Emergency Drills, and Electrical Safety	John Aeiker	2008
A Primer on Emergency Response for Electrical Safety Professionals	John Aeiker	2009
Electrical Injury Drills: Approaches, Learnings, and Best Practices	Christa A. Swafford, Daniel R. Doan, Michael Nagl, Paul B. Sullivan	2017
What should you do when the lights go out?	Greg Drewiske, Austin Kalcec	2017

Forensics/Investigation

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Root Cause Failure Analysis	Lynn Roach	1997
Improving Electrical Safety through Forensic Analysis of Failure	Michael Morse	2010
Investigating Electrical Accidents – The Art of Forensic Investigation	Michael Morse	2012
Case Study of the Failure of two 13.8kV Control and Metering Transformers that Caused Significant Equipment Damage	Gary Dreifuerst, Paul Swyers	2012
The Development of Questions To Determine The Effectiveness of the Incident Investigation Process for Electrical Incidents	Zarheer Jooma, Jessica Hutchings, Hugh Hoagland	2015
Investigation of a Near Miss Shock Incident	Dan Doan	2015
Statistical Accident Analysis and Electrical Fatality Rate in Japan, 2011-2002- Causes and Preventative Measures of Electrical Fatal Accidents	Norimitsu Ichikawa	2015
Employee Contacts 2400V – What We Learned from the Event	Robert Huddleston	2016
Investigations of Near Miss Incidents – New Facility Construction and Commissioning Activities	Josh D. Popp, Mark S. Scarborough	2016
349 case studies and its consideration of electrical accidents in Japan	Norimitsu Ichikawa	2016
A Study on the Effectiveness of the Electrical Incident Investigation Process	Zarheer Jooma, Jessica Hutchings, Ian R Jandrell, Hugh Hoagland.	2016
Electrical Shock and Arc Flash Events: Understanding Factors and Identifying Trends	David Dini, Richard Campbell, Paul Brazis Jr.	2016
When Establishing An Electrical Safety Work Condition Wasn't Enough	Al Havens	2017
Worker Discharges Capacitive Build-up on Deenergized 13.8 kV line	Wes Mozley	2017
From Planned to Unplanned Outage	Raymund J. Torres, Brian Boggan	2017
Electrical fault during battery replacement results in second and third degree burn injuries to a worker	Shahid Jamil	2017
Developing a tool used to measure the effectiveness of the application of the investigation process	Zarheer Joom, Jessica Hutchings, Hugh Hoagland, Ian R. Jandrell	2017

Grounding/Bonding

Grounding Systems vs Grounding Equipment	Al Havens	2003
System Grounding, Ground Fault Protection and Electrical Safety	John Nelson, P.K. Sen	2007
Modification in Earthing Practice	K.Suresh	2014

Interferences Between Ground Systems In Urban And Industrial Areas	Giuseppe Parise, Luigi Parise, Luigi Martirano	2015
Myths of Equipment Grounding and Bonding	Elliot Rappaport	2016

Hazard Analysis and Risk Assessment

Electrical Hazard Analysis from a PSM Perspective	John Aeiker	2014
Risk Management Integration	Daniel Roberts	2014
A Complete Electrical Hazard Classification System and its Application	Lloyd B. Gordon, Los Alamos National Laboratory Nicole Graham	2015
Risk Assessment and Your Electrical Safety Program	Daniel Roberts	2015
A Practical Guide for Applying the Hierarchy of Controls to Electrical Hazards	Lanny Floyd	2015
Field Level Hazard Assessment / Field Level Risk Assessment > Energized Electrical Job Risk Assessment	Terry Becker	2015
The Hazards of Risk Assessment	David Wallis	2016
A Misunderstanding We Should Eliminate	Lanny Floyd	2016
Risk Perception and Decision Making in Hazard Analysis – Improving Safety for the Next Generation of Electrical Workers	Allison Haluik	2016
Sharpening the Focus on Residual Risk: Psychology of Warnings, Administrative Controls and PPE	Anna Floyd, Lanny Floyd	2017
Performing Risk Assessments for Shock and Arc Flash Hazards for all Forms of Electricity	Lloyd Gordon	2017

Hazard - Arc Flash & Blast

Flash Hazard Analysis & Methodology of Calculations	Danny Halliburton	1996
Staged Tests Increase Awareness of Arc Flash Hazards in Electrical Equipment	Bruce McClung, Lynn Saunders	1997
Staged Tests Increase Awareness	Terry Macalady, Vince Saporita	1998
Estimating Incident Energy	Dick Doughty	2000
Techniques to Aid Application of NFPA 70E Arc Flash Hazard Analysis	Craig Wellman	2001
Techniques to Aid Application of NFPA 70E Arc Flash Hazard Analysis	Craig Wellman	2002
Topics on Electric Arc Flash Hazards	D. Ray Crow	2002
The Emergence of Arc Flash as a Unique Hazard	Tom Neal	2003
Non-Contact Electric Arc Induced Injuries in the Mining Industry – A Multidisciplinary Approach	Kathleen Kowalski-Trakofler	2004
Arc Faults in Medium Voltage Switchgear	Jim Bowen	2004
Understanding Arc Flash Hazards	Kevin Lippert	2004
Arc Flash Hazard Calculations – Why? How? What's Next?	Craig Wellman, Dan Doan, Louis Barrios	2004
Update IEEE 1584	Craig Wellman	2005
Comparison of Incident Energy Prediction Methods	W. Blackley, S. Cox, N. Van Geem	2005
Problem Cases to Look for When Doing Arc Flash Hazard Assessments	Dan Doan	2006
NFPA & IEEE Collaboration on Arc Flash Phenomena	Sue Vogel, Ben Johnson	2007
An Evaluation of Alternate Test Configurations for Future Arc Flash Models	Mike Lang, Ken Jones	2007
Arc Flash Calculations for Exposures to DC Systems	Daniel Doan	2007
Bounding Study for Arc Flash	Michelle Murphy	2008
Update on NFPA/IEEE Collaboration on Arc Flash Research and Testing	Ben Johnson, Sue Vogel	2008
Electrical Equipment Performance and the Impact to Personnel – An Arc Flash Exposure Dilemma	Kerry Heid, Ron Widup	2008
The Limitations of Metal-Clad Enclosures to Protect Electrical Workers from Arc Blast Hazards	John J. Kolak	2009
Arc Flash vs Selective Coordination – The Great Debate and Update	Thomas Domitrovich	2009
Arc Flash Hazard Study – A Challenge for Engineers	Pirooz Barkhordar	2009

Field Measured Total Clearing Time of Protective Devices and its Effect on Electrical Hazards	Kerry Heid, Ron Widup	2009
Update on NFPA/IEEE Collaboration on Arc Flash Research and Testing	Ben Johnson, Sue Vogel	2009
Major Arc Flash Fault + Good Practices = No Injuries	Joe Rachford	2010
Impact of Arc Flash Events with Outward Convective Flows on Worker Protection Strategies	Mike Lang, Ken Jones, Tom Neal	2010
Arc Flash Testing of Typical Utility Equipment by EPRI and PG&E	Marcia Eblen, Tom Short	2010
The Science of Arcs and Arc Flash	Lloyd Gordon	2011
Update on IEEE/NFPA Joint Research Project on Arc hazards	Wei Jen Lee	2011
Impact of Fuse Link Manufacturer on Arc Flash Energy	Fabio Leite	2011
An Arc Flash Hazard Assessment in the Mining Industry – A Case Study	Matthew Hopper	2011
A European View of Arc Flash Hazards and Electrical Safety	Jim Phillips, Mike Frain	2012
DC Arc Flash Calculations, Using a Simplified Approach	Michael Fontaine	2012
IEEE and NFPA Arc Flash Coalition Update	Ben Johnson	2013
Protecting Your Staff from Arcing Hazards	David Sweeting	2013
Investigation of Arc Flash Exposures from Low Voltage Arcs for Linemen	A. Smoak, C. Gray, A. Keeth, T. Russell	2013
Arc Flash Study and Remediation Project in a Pulp and Paper Mill	Greg Drewiske	2013
Arc Flash Study of a 2MW Photovoltaic System	Dan Doan	2014
DC Arc Flash Hazards in Photovoltaic Systems, Incident Energy Calculations and Methods for Protection	Dr. Branislav Radibratovic	2014
Arc Flash Mitigation using Active, High Speed Switching	James K. Stacy	2014
Exposed to the Arc Flash Hazard?	Mike Lang, Ken Jones	2014
The Effect of Using Minimum and Maximum Utility Fault Contributions on Arc Flash Study Results – A Case Study	Jean Y. Ayoub, Marcelo Valdes	2015
“Arc Flash” Hazards, Incident Energy, PPE Ratings and Thermal Burn Injury – A Deeper Look	Tammy Gammon, Wei-Jen Lee, Zhenyuan Zhang, Ben Johnson	2015
Measurements, Observations and Implications of Moving Electrical Arc Behavior and Effect of Reclosure Events on Overhead Lines	Hugh Hoagland, Claude Maurice, Mikhail Golovkov, Ken Sellars, Stacy Klausung	2015
Lessons Learned from an Arc Flash Incident	Scott J Carroll	2015
DC Arc Flash Studies for Solar Photovoltaic Systems, Challenges and Recommendations	Kathryn Klement	2015
Medium-Voltage Arc Flash Testing of Switchgear and Live-Front Transformers	Marcia Eblen, Tom Short, Wei-Jen Lee	2016
Novel Approach to Arc Flash Mitigation for Low Voltage Equipment	Ray Cattlett, Mike Lang, Steve Scala	2016
Measuring Arc Blast: Effects of Electrode Type, Current Level, Enclosure Sizes, and Enclosure Cover on Arc Blast in a LV System toward Calculations	Hugh Hoagland, Wei-Jen Lee, Claude Maurice	2016
Arc-Flash Detection Prevents Catastrophic Damage	Bob Hughes	2016
Effect of Arc Electrode Geometry and Distance on FR Fabric Protection Properties Against Second Degree Skin Burns	Mikhail Golovkov, Holger Schau	2016
Arc Flash Pressure Measurement System Design	Wei-Jen Lee, Zhenyuan Zhang, Rau, Shiuan-Hau, Tammy Gammon, Ben Johnson, Mike Lang	2016
Current-Limiting Fuses: Proposed NFPA 70-2017 240.67, Arc Modeling and an Assessment based on IEEE 1584-2002	Tammy Gammon	2016
Arc Flash\Blast am I really protected	Brad Gradwell	2017
Improved Arc Flash Energy Calculation Method and its Application in the Renewable Energy Design	Afshin Majd, Robert Luo	2017
Low-Voltage Arc Sustainability	Marcia L Eblen, Tom A. Short	2017
Arc Flash Light Intensity Model	Shiuan-Hau Rau, Zhenyuan Zhang, Wei-Jen Lee, David A. Dini	2017
Arc Length vs. Bus Gap Distance for Underground Cables	Kenneth Cheng, Stephen Cress, Jack Craighead	2017
Calculating Hazard Risk Categories for 208V, 3 Phase Systems	Audrey (Kroon) Lowther, Syed Rizvi	2017
A Graphical Approach to Incident Energy Analysis	Rick Lutz, Max Charbonneau, Michael Garcia	2017
The Review and Summarizing of Social Media Comments and Discussions from Electrical Workers about Electrical Arc-Flash Safety	Russ Safreed, Charlie McClung	2017

Incident Energy Calculation Techniques for Bus Tie and Main Breaker Cubicles	Michael M. Price, Aster K. Amahatsionted	2017
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Hazard – Fire & Explosion

Estimating Fire Losses Associated with Circuit Breaker Malfunction	Jesse Aronstein	2011

Hazard – Electric Shock

The Electrical Hazard of the Future	Don Zipse	2009
Electric Shock Injuries from Electrostatic Discharges	Lanny Floyd	2011
Misuse of Voltage as a Parameter of Concern for Electrical Hazard	Don Zipse	2011
Latent Potential Differences Between Exposed Conductive Parts Under Ground Fault Conditions in Low Voltage Systems	M. Mitolo, H. Liu, F. Freschi, M. Tartaglia	2013
Ground Fault Protection – GFCI or GFPE – There is a Difference	Dennis Neitzel, T. Gauthier	2013
Electrical Safety and Electric Welders	Al Havens	2014
Touch Voltage Analysis in Low-Voltage Power Systems Studies	Massimo Mitolo, Haijun Liu	2015

Hazard - Other

The Basics of Electrical Hazards	Danny Liggett	2003
Relocatable Power Strips – Concerns, Issues and OSHA Requirements	Daleep Mohla	2003
Electrical Safety in Unique Environments	Robert Downey	2003
Over Head Line Hazards	D. Ray Crow	2005
Hazards of Electricity – Do You Know What They Are?	Dennis Neitzel	2006
Lighting System Safety Issues	Ric Barton	2006
A Complete Electrical Hazard Classification System and Its Application	Lloyd B. Gordon, Laura Cartelli	2009
Battery Installation and Safe Work Practices	Daleep Mohla	2010
Objectionable Currents Associated with Shock, Fire and Destruction of Equipment	David R. Carpenter	2015
The Link Between the Arc Flash Phenomenon, Emerging Plasma Sciences and Exotic Energy Technologies	Michelle Murphy, Stephen Goulet	2015
Hazards in the Installation and Maintenance of Solar Panels	Jim White, Mike Doherty	2017
Often overlooked hazards associated with Large Engineered Adjustable Speed Drives and Drive Systems	Arthur Smith, Dan Doan	2017
Electrical Safety in Machinery (Process and Packaging)	Sonny D. Dela	2017

Human Factors Engineering

Electrical Safety Related Behaviors	Bill Jordan, Danny Liggett	1999
Human Error in Electrical Safety Exposure	Lanny Floyd	2000
Techniques to Aid Recognizing the Electrically Safe Working Boundary	Lynn Saunders, Lanny Floyd	2001
Test Before Touch	Lanny Floyd	2002
Electrical Safety and Human Performance Interface	Mike Doherty	2004
Human Factors in Electrical Safety	Shahid Jamil	2006
Situational Awareness can Reduce Electrical Injuries	Stephen Wilson	2009
Case History: Lookalike Equipment – Could This Cause an Accident in Your Facility?	D. Ray Crow	2010
Multitasking and the Illusion of Safety	Anna Floyd	2010
Why Electricians and OSH Workers Take Risks by Working Live and What You can do About It	Gavin Howe	2011
Improving Human Performance	Danny Liggett, Ray Crow	2012
Putting a Face on Safety: Changing Attitudes to Promote a Climate of Safety	Kyla Kruse	2013
Enhancing Safety by Reducing Errors - A Fresh Approach	Tim Autrey	2014
The Human Element of Electrical Incidents	Kenneth A. L'Esperance	2014

Improving Electrical Safety and Awareness using Human Operational Performance Techniques	Graham Harvey	2014
Good Communications – The Essence of Safety	John Cadick, Al Winfield	2015
It Looks the Same to Me	Joe Rachford, Benjy Towles	2016
How Poor Communication Led to a Near-Fatal Accident	Jim White	2016
Human Performance - Addressing the Human Element in Electrical Safety	Daniel Roberts, Mike Doherty, Lee Lane	2016

Grounding/Bonding

Grounding Systems vs Grounding Equipment	Al Havens	2003
System Grounding, Ground Fault Protection and Electrical Safety	John Nelson, P.K. Sen	2007
Protective Grounding Myths & Facts	W P Blackley	2010

Inherently Safer Technology

Inherently Safer Technology	Lanny Floyd	2003
GFCIs – 30 Years and Counting	Jack Wells	2003
Window Disconnect Application	Dave Durocher	2003
Zero-Tolerance Methodology & Solution for Safe Electrical Shutdowns	Normand Brien	2003
Product and Systems Safety Engineering – The Next Frontier in Electrical Safety	Lanny Floyd	2004
Arc-Free LV MCC, Better to Prevent than Cure	Roel Ritsma	2005
Protection Strategies to Reduce the Arc Flash Hazard from Low-Voltage Power Systems	Paul Hammer, Marcelo Valdes	2005
De-Mystifying Arc Resistant Switchgear	Paul Sullivan, Michael Wactor	2006
Practical Considerations When Applying Arc Resistant Equipment	Michael Frayne	2007
Advancements in Technology Create safer and Smarter HRG Systems	Tony Locker, Mark Scarborough	2009
New OSHA Rules for GFCIs	Steve Antman, Roger Nolter, Danny Liggett	2010
Arc Flash Reduction System Application Considerations	Ed Larsen	2011
Implementation of an Arc Flash Reduction Maintenance Switch – A Case Study	Thomas Domitrovich, Ken White	2012
Combination AFCIs – What They Will and Will Not Do	Joseph Engel	2012
AFCIs – From a Standards Perspective	Kevin Lippert, Thomas Domitrovich	2013
Surface Leakage Protection - Next Generation of Electrocution Protection Technology	Wei Wu, Yuejia Wu	2014
Applying new 480V GFCI standard in an industrial facility	Nehad El-Sherif	2014
Enhanced Safety Features in Motor Control Centers and Drives for Diagnostics and Troubleshooting	Larry R. Olsen, Martin Van Krey John A. Kay	2015

Injury Research/Treatment

Electrical Injuries Research	Lanny Floyd	1996
Changing the Electrical Safety Culture - Electrical Arc Flash Burn Research	Mary Capelli-Schellpfeffer	1997
Electrical Injury Medical Research	Mary Capelli-Schellpfeffer	1998
Incident Fax Back Report	Mary Capelli-Schellpfeffer	1998
The After Affects of Electrical Injuries	Mary Capelli-Schellpfeffer	1999
Incident Data Gathering - Fax Anonymous Reporting (FAR) Project Update / Case Histories	Dr. Mary Capelli-Schellpfeffer, Danny Liggett	2000
Electrical Injury Medical Research	Dr. Mary Capelli-Schellpfeffer	2000
It's Not Over When It's Over -- The Hidden Cost of Incidents and Accidents	Ron Hayes, Dr. Mary Capelli-Schellpfeffer	2002
Working on 277 Volt Lighting Systems – Why So Many Fatalities?	Dr. Mary Capelli-Schellpfeffer	2003
Advancements in Understanding and Treating Electrical Injury	Raphael Lee, MD	2003

Electrical Safety Facts – What We Don't Know	Lanny Floyd, Danny Liggett, Dr. Mary Capelli-Schellpfeffer, Gerald Homce	2004
Human Current Sensitivities and Resistance Values in Presence of Electrical Energized Objects	Peter Sutherland	2005
Electrical Incidents Management	Dr. Alain Sotto	2007
Electrical Injury Support Activities	Brian Tink	2007
Keynote: How Much Damage Can a Low Voltage Shock Do? – Traditional Theory, Modern Theory, and Pervasive Myths	Michael S. Morse	2008
50 Volt Shock Hazard level	Daniel Roberts	2008
Japanese Trend of Fatal Accidents caused by Electrical Shock and the Prevention of Accidents	Norimitsu Ichikawa	2012
Occupational Electrical Injury Statistics for US	James Crawley, Brett Brenner	2012
OSHA Arc-Flash Injury Data Analysis	Craig Wellman	2012
Report on the Current State and Understanding of Human Response to Electrical Contacts	Michael Morse	2013
Hearing Protection – The Electrical Hazard You Don't "Hear" About!	Kevin Lippert, Amanda M. Lippert	2015

Maintenance Practices

Implementation of Safe Maintenance Practices	Steve Kerr, Barry Warren	1998
Protective Device Maintenance as it Applies to the Arc Flash Hazard	Dennis Neitzel	2003
Infrared Scanning	A. Holiday	2005
Impact of Maintenance on Electrical Safety	Ken Mastrullo, Jim White	2005
Enhancing Safety Using the NETA Maintenance Testing Specifications	Kerry Heid, Ron Widup	2007
Industrial Electrical Safety Inspections	Dennis Neitzel	2009
Proper Care and Feeding of Molded case Breakers to Assure safe and Reliable Operation	Mark Higginson, David Durocher	2009
Making the Connection with Maintenance & Reliability	Lanny Floyd	2010
Inspection Methods to Determine Potential Arc Flash	Sean Miller	2011
Do You Know Where Your Relays are Set	Dan Rousseau, Joe Rachford	2012
Prioritizing Breaker and Relay Maintenance	Dan Doan	2012
Applying Reliability Centered Maintenance (RCM) to Electrical Equipment Critical to Worker Safety	Michael Fontaine, J. Webb, D. Green	2013
Predicting the Remaining Life of Aged Vacuum Interrupters in Field Service	John Cadick, F. Ledbetter, A Seidel	2013

Management Systems

Managing Electrical Safety during Organizational Change	Lanny Floyd	1998
Global Safety - Barriers to Overcome and Design Philosophy (Panel Discussion)	David Pace, Bruce McClung, Kim Eastwood, Ray Jones	1999
Changing the Electrical Safety Culture	Lanny Floyd, Ray Jones	1997
Changing the Electrical Safety Culture	Joe Andrews	1997
Panel Discussion: Changing Electrical Safety Culture; How to Proceed and Get Results	Lanny Floyd	2002
Labor Liaison	Cindy Coe, Dean Foster	2002
"The Five-Sided Electrical Safety Circle - The relationship among employees, employers, labor unions, attorneys, and OSHA in the modern workplace"	John Cadick and Al Winfield	2002
How You Can Start Changing the Culture in Your Organization	Lanny Floyd	2003
Should My Electrical Safety Program be Part of My Safety Program	Lanny Floyd	2007
Keynote: Changing Electrical Safety Culture	Ted Vandevs	2009
Electrical Safety Leadership	Mike Doherty	2010
Pack Your Own Parachute - How can you live your electrical safety values if you don't know what they are?	Jim Mitchem, D. Ray Crow, Mark Cross	2010
Facilitating Application of Electrical Safety Best Practices to your "Other" Employees	Lanny Floyd	2012

Methods to Influence Change in Home Safety	Thomas Domitrovich, Anna Floyd, Timothy Smail	2012
Electrical Safety Leadership	Danny Liggett	2012
Cultural Drift and the Occlusion of Electrical Safety	Anna Floyd, Lanny Floyd	2013
Leading Edge Developments in Advanced Safety Management and Application to Electrical Safety	Lanny Floyd	2014
Leadership – A Critical Need	Danny Liggett	2014
Change Management and Your Electrical Safety Program	Tim Rohrer	2014
Leadership in Electrical Safety Comes From the “12th MAN”	D. Ray Crow	2015
Changing the Electrical Safety Culture	D. Ray Crow, Danny Liggett, Mark Scott	2017
Integrating Risk Assessment into ISM	Andrew Olsen, Jennifer Martin, Kevin Holm	2017
Normal Operation: Establishing an Electrical Safety & Maintenance Culture	Karl Cunningham	2017
Electrical Safety Program Work Flow Process	Terry Becker	2017
Building trust and relationships between General Contractors and Electrical Subcontractors	Matthew Smith	2017
Development and Integration of Electrical Safety Program into a New Production Facility's Pre-Commissioning and Startup Activities	Mark S. Scarborough, Josh D. Popp, Michael Nagl	2017
How My Policy Got in the Way of Our Safety	Christopher J Pavese	2017

May Electrical Safety Month

May Electrical Safety Month	Don Vardeman	1992
Example of How to Promote May Electrical Safety Month	Kim Eastwood, Bob Rafferty	2002

Personal Protective Equipment

Personal Protective Equipment	Bill Jordan	1992
Personal Protective Equipment - Design Viewpoint - Operation & Maintenance Viewpoint	Bill Jordan, Shahid Jamil	1996
Update on Protective Clothing Guidelines	Richard Doughty, Tom Neal, Allen Bingham	1997
Arc Flash Testing for PPE	Ray Crow	1997
Testing Update on Protective Clothing & Equip.	Dr. Tom Neal, Dick Doughty	1998
Tools to Simplify Protective Clothing/Equip. Selection	Lanny Floyd	1998
Estimating Arc Flash Incident Energy and PPE Selection	Dick Doughty, Tom Neal	1999
Arc Flash PPE Testing Update 2014	Elihu “Hugh” Hoagland	2014
Impact of Design Modifications in Modern Fire Fighting Uniforms on Burn and Heat Stress Injuries: Lessons for Arc Flash PPE	Dr. David Prezant	2001
Arc Flash PPE	Allen Bingham, Hugh Hoagland	2002
Dress for the Task	Paul Hamer	2002
This Could Happen To You; Wear Appropriate Clothing	Dr. Mary Capelli-Schellpfeffer	2002
Protective Clothing Learnings Based on Instrumented Mannequin Arc Tests	Dr. Tom Neal, Hugh Hoagland	2002
Care and Use of Rubber Protective Equipment	Vladimir Ostrowski	2003
Electrical PPE and NFPA70E	Hugh Hoagland	2005
The Case for Everyday FR Wear	Dan Doan, Craig Wellman	2005
Electrical Safety Equipment – The Big Picture	Jim White	2006
Recent Advances in Arc Flash PPE & Impact of Arc Flash Test Exposure Conditions on PPE Arc Testing	Hugh Hoagland, Mike Lang, Tom Neal	2007
Advancements in Electrical PPE for the Worker	Vladimir Ostrovsky	2008
ASTM Standards – An Update on the ASTM F18 Standards – Electrical Protective Equipment for Workers	Jeff Adkins, Ernie Jones	2009
PPE in the Electric Arc – A Case for Collaboration	Hugh Hoagland	2009
Update of Field Analysis of Arc Flash Incidents, PPE Protective Performance and Related Worker Injuries	Dan Doan, Tom Neal, Hugh Hoagland	2010
NFPA 70E and Arc Flash PPE Update	Hugh Hoagland	2010
PPE in Electric Arc: New Research and Key Insights of Arc Testing	Hugh Hoagland	2011

The Effects of Contaminants on Arc Rating and Conductivity of Fabric	Hugh Hoagland, Lionel Smith, Cecil Burton, Claude Maurice, Mikhail Golokov, Rob Pailing	2012
Clothing in Arc Flash: For Types of Arc Exposure and the Effect of Moisture on Garment Appearance after an Arc Event	Hugh Hoagland, Claude Maurice, Mikhail Golokov, P. Clark	2013
Issuing, Distributing and Tracking of Electrical and Arc Flash PPE	Robert J Spang	2015
Quality Inspection of Electrical PPE	Robert J Spang	2017

Power Line Contact Mitigation

Safety Interventions to Control Hazards Related to Power Line Contact by Mobile Cranes and other Boomed Equipment	Jack Ainsworth	2005
Overhead Line Incident – Can We Prevent This?	D. Ray Crow	2009
“Look Up and Live”, Developing an Effective Overhead Powerline Safety Program	Pam Tompkins	2013
Best Practices for Working in Proximity to Overhead Powerlines	Mike Doherty, Dean Gatien	2013
Electrical Safety for Crane Operators and Riggers	Dennis K. Neitzel	2015
Occupations Most At-Risk in Fatal Overhead Power Line Incidents: Using OSHA Data to get a Better Understanding	Brett Brenner, James Cawley	2015

Research - PPE

Protective Clothing Testing Update	Tom Neal	2003
Arc Exposure for Rubber Goods, Affect of Color	Allen Bingham	2003
Arc Flash Product Improvements	Tom Neal	2005
Arc Flash Clothing Updates	Hugh Hoagland	2006
Arc Flash Improvement Update and Worker Heat Stress Analysis for Arc Flash PPE	Tom Neal	2006
The Impact of Arc Flash radiant and Convective Test Conditions on the Arc Rating of PPE	Thomas E. Neal, Michael J. Lang	2008
Field Analysis of Arc Flash Incidents and the Related PPE performance	Thomas E. Neal, Daniel R. Doan	2009
Arc Flash PPE Research Update 2012	Hugh Hoagland	2012

Risk Management

Risk Management & Hazard Identification	Danny Liggett	2008
Hazard/Risk Category Task Tables – Designing a New Approach	Daniel Roberts	2010
Applying Risk Management Principles to the Selection of Arc Flash PPE – Part II	Daniel Roberts	2011
Risk Management of Electrical Hazards	Daniel Roberts	2012

Static Electricity

Controlling Static Electricity	Rick Kocken and William Lewis	1996
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Tools and Test Instruments

Tools for the Electrician	Paul Dobrowsky	2005
How Test Tool Safety can be Addressed More Effectively in NFPA70E	Larry Eccleston	2006
Use of Non-Contact Voltage Testers	Danny Liggett, John Cadick	2007

Training/Education

Training - Methods & Resources	Lanny Floyd	1992
Training & Follow-up	Kim Eastwood, Lynn Roach	1995
Electrical Safety Training Topics for Plant Personnel	Shahid Jamil	1998
Electrical Safety Employee Training	Danny Liggett, Lanny Floyd	1999
What's New at Electrical Safety Foundation International	Michael Clendenin	2003
The IEEE Electrical Safety Resource Center	Sue Vogel	2003

Electrical Apprenticeships: The Good, The Bad, The Ugly	Robert McGregor	2004
Training and Qualifying Your Employees	Danny Liggett	2005
Don't Forget About Me! I Wanna Be Safe Too	Joe Rachford	2007
A Resource for Electrical Safety – the Electrical Safety Foundation International	Brett Brenner	2007
Qualified to be Qualified	Mike Doherty, Ravel Ammerman	2007
Continuing Education and Development for Electrical Safety Professionals	John Aeiker	2011
Simulation Based Electrical Safety Training: An Innovation in safety Culture	Eben Myers	2011
Reinvigorating Electrical Safety	Brett Brenner	2011
The Role of Media in Accelerating Knowledge on Arc Flash	Bob Vavra	2012
Qualifying and Keeping Your Employees Qualified – How Hard Can That Be?	Irozenell Pruitt, Mario Morales	2014
Qualified People – It Is All About the Skill Sets	Joe Rachford	2015
Educating Students in Electrical Safety Practices and the Inclusion of Electrical Safety Material in Academic Curriculum	Jay Prigmore, Afshin Majd	2017

Work Practices

Establishing the Boundary of an Electrically Safe Work Condition	Lynn Saunders, Mike Hittel	2000
Flow Chart on Process for Worker to Approach Equipment	Michael Callanan	2002
Electrical Work Zones, Task Creep, and Safe Boundaries	Lanny Floyd	2003
Key Elements to Consider When Developing Electrical Equipment Switching Procedures	Shahid Jamil	2003
Test Before Touch	Ken Crawford, Kent Haggerty	2003
Comparison of Three Methods in NFPA70E for Implementing an Arc Flash PPE Program	Lanny Floyd, Dan Doan	2003
But We Don't Work on Energized Equipment	Danny Liggett	2003
Switching Elements	Shahid Jamil	2005
Eliminate Accidents Through Planning	Steve Wilson	2006
Precautions for Working with High Resistance Grounded Systems	Wayne Blackle, Neil Coward, Neil van Geem	2008
Electrical Safety Practices in utilities and Personal Protective Grounding	John Nelson, P.K. Sen, Keith Malmedal	2008
Removing Yourself from Hazards During Equipment Operation	Tony Demaria, Gary Donner	2012
Avoid Miscues during Electrical Switching through Written Procedures and Safe Work Practices	Dennis Hill, Ken L'Esperance	2013
New Industrial Electrical Safe Work Practices	Sal Sferrazza, Heath Garrison	2015

Other Topics

Workshop Wrap-Up: Where Do We Go From Here?	Clark Lockerd	1996
Where do we go next?	Shahid Jamil	1998
How We Can Get The Most from This Workshop	David Pace	1999
Workshop Wrap-Up:	David Pace	1999
Why are We Here?	Mary Capelli-Schellpfeffer, Danny Liggett	1999
Where we are/Electrical Safety in the 25th Century	Dr. Mary Capelli-Schellpfeffer	2000
Engineering the Future	Dr. Mary Capelli-Schellpfeffer	2001
Making the VERY Most out of the Electrical Safety Workshop	Kim Eastwood	2002
Panel Discussion: Path Forward for Applying these Lessons	Mary Capelli-Schellpfeffer, Ray Jones, Bruce McClung, John Propst, Hugh Hoagland, Allen Bingham, Jim Hill	2001
My Personal Challenge to You	Charlie Hoy	2002
Why I'm Here and Why this Workshop is Important	Deb Grubbe	2002
Why I'm Here and Why this Workshop is Important	Michael Callanan	2002
Why are You Here?	Charlie Hoy, Ray Crow	2002
Why We are Here	Charlie Hoy, Ray Crow, Michael Callanan, and Deb Grubbe	2002

A 10 Year Sprint	Dr. Mary Capelli-Schellpfeffer	2003
The Goal is Zero	Deborah Grubbe	2003
Once Burned, Twice Shy...If You're Lucky	John Estey	2003
I Know Everything	Tammy Reavy	2003
Are We There Yet?	Ray Jones, Jane Jones	2006
Where Will You Be in the Future?	D. Ray Crow	2006
Getting the most out of the 14th Annual IEEE IAS Electrical Safety Workshop	Mike Doherty	2007
Destination - Electrical Safety	Michael Callanan, Mary Capelli-Schellpfeffer	2007
The Day the Lights Went Out	Paul & Lorraine Hebert	2007
Electrical Safety Panel Discussion – What are the Voids in Electrical Safety	D. Ray Crow, Paul Dobrowsky, Lanny Floyd, Jim White	2010
Key note: Electrical Safety – Where We've Been, Where We Are, Where We Need to Go	Dr. Mary Capelli-Schellpfeffer	2010
Key Note: Achieving Operational Excellence	Jeff Espenship	2010
Selling Electrical Safety in Your Organization	Tim Rohrer	2013
Collapse of Northern Power Grid 2012: Review Analysis and Recommendations	Dr. Vivek Pandya	2014

Tutorials (Four Hour Sessions)	Facilitators	Year
Arc Flash Hazard Analysis	Dan Doan, Craig Wellman, Vince Saporita, George Gregory	2003
NFPA70E-2004	Ken Mastrullo, Ray Jones	2004
Determining the Design Changes Needed to Reduce Arc Flash Hazards	Dan Doan	2005
Design an Electrical safety Program	Mike Doherty	2005
Integrating a State of the Art Electrical Safety Program into Your Company's Business Objectives	Lanny Floyd, John Aeiker, Danny Liggett, Paul Sullivan	2006
High Resistance Grounding Theory, Design and Application Considerations for Reducing Arc Flash Hazard Risk	John Nelson, P.K. Sen	2006
Developing a State of the Art Electrical Safety Auditing Program	John Aeiker, D. Ray Crow	2007
Arc Flash Hazard Assessments – Quirks, Problems and Solutions	Dan Doan, Michael Hodder, Ken Jones	2007
NFPA70E – 2009: What has Changed?	D. Ray Crow, Daleep Mohla	2008
Safety by Design	Jim Bowen	2008
Electrical Safety Management	H. Landis Floyd, II, Mike Doherty, Rene Graves	2009
Electrical Safety Basics	Danny Liggett, D. Ray Crow, Ken White	2009
Safety Related Maintenance Requirements of NFPA70E	Jim White	2009
Risk Evaluation	Danny Liggett, John Aeiker, Mike Doherty	2009
Electrical Safety Management v1.1	H. Landis Floyd, II, Mike Doherty, Rene Graves	2010
Electrical Safety Basics	Danny Liggett, D. Ray Crow, Ken White	2010
Personal Protective Grounding for Electrical Workers	John Kolak	2010
Electrical Safe Work Planning – “The Five Steps”	Mike Doherty	2010
Electrical Safety Management v2.0	H. Landis Floyd, II, Mike Doherty, Rene Graves	2011
Electrical Safety Basics	Danny Liggett, D. Ray Crow, Ken White	2011
Use of Systems Safety Techniques to Perform Hazard Analysis on Electrical Systems & Electrical Safety Programs	John Kolak	2011
How to Create an Effective Electrical Maintenance Program	Martin Robinson, Mike Doherty, Lanny Floyd	2011
Electrical Safety Basics	Danny Liggett, D. Ray Crow, Ken White	2012
Electrical Safety Management v2.1	H. Landis Floyd, II, Mike Doherty, Rene Graves, Andy Kerr	2012
Arc Flash Energy Calculations – Update, Special Conditions and Examples	Daniel Doan	2012
NFPA 70E-2012: Major Evolution in Electrical Safety in the Workplace	D. Ray Crow, Daleep Mohla, Jim White	2012
Electrical Safety Demonstrations Training Unqualified Workers	Joe Rachford	2012

Electrical Safety Management v2.2	Mike Doherty, Rene Graves, Lanny Floyd	2013
Arcing Hazards Physics	David Sweeting	2013
Occupational Health and Safety Risk Management	Daniel Roberts	2013
Electrical Safety Basics	D. Ray Crow, Danny Liggett, and Ken White	2013
System Grounding, Ground Fault Protection and Electrical Safety	John Nelson	2013
Developing a State of the Art Electrical Auditing Program	John Aeiker, D. Ray Crow, and Danny Liggett	2013
Personal Protective Grounding of High Voltage Equipment	John Kolak	2013
Electrical Safety Demonstration for Training Unqualified Workers	Joe Rachford	2013
Speak Up Now or Live With It –Proposed Changes to NFPA70E-2015	Daleep Mohla	2013
Electrical Safety Management v2.3	Mike Doherty, Rene Graves, Lanny Floyd	2014
Electrical Safety Basics	D. Ray Crow, Danny Liggett, Ken White	2014
How to Perform an Arc Flash Hazard Analysis for Beginner up Through Complex Modeling Situations	Ken Jones, Jim Phillips, and Dan Doan	2014
NFPA 70E – 2015 Edition, What has changed!	D. Ray Crow, Daleep Mohla, Jim White	2014
Human Performance and Electrical Safety	Mike Doherty	2014
Electrical Hazard Analysis	John Aeiker, Danny Liggett	2014
Electrical Safety Management v2.4	Mike Doherty, Rene Graves, Lanny Floyd	2015
Methods of Calculating DC Arc Flash Hazards for All Sources	Lloyd Gordon	2015
Risk Assessment of Electrical Hazards	Michael David Fontaine, Daniel Roberts, David Wallis	2015
NFPA 70E-2015 - What has Changed	D. Ray Crow, Daleep Mohla, Jim White	2015
Can Safety, Reliability, and Efficiency Co-Exist?	David R. Carpenter	2015
AC and DC Arc Flash Analysis for Renewable Energy Systems	Albert Marroquin, John Francis	2017
Electrical Maintenance and Electrical Safety	Jim White, Tony Demaria	2016
What You Need to Know about Electric Arc Protection	Holger Schau, Mikhail Golovkov	2016
Electrical Safety Management v2.5	Lanny Floyd, Mike Doherty, Rene Graves	2016
Identifying & Controlling Electrical Power Line Hazards	Dennis Neitzel, Pam Tomkins, James Cawely	2016
Practical Electrical Safety for the Construction Industry Using the Standards	Mike Doherty, Robert LeRoy, Jason Wolf, Mark Cross, Chris Fink, Michael P	2016
NFPA 70E Q&A or FAQ	Al Havens	2016
Electrical Safety Basics	D. Ray Crow	2017
Electrical Safety Management v3.0	Lanny Floyd, Mike Doherty, Rene Graves	2017
Engineering Controls to Reduce Arc Flash Hazards in Low Voltage MCCs	Jim Bowen	2017
Performing a Basic Electrical Safety Site Walkthrough and Assessment	Michael Kovacic, Karl Cunningham	2017
2018 Changes to NFPA 70E, Standard for Electrical Safety in the Workplace	Daleep Mohla, Ray Crow, Jim White	2017
Performing Risk Assessments for DC Sources	Lloyd Gordon	2017

Keynote Speakers	Year
Bruce McClung, Engineering Fellow, Union Carbide Corp.	2003
Deborah Grubbe, Director, Safety & Health, DuPont	2003
John Estey, CEO, S&C Electric	2003
Raphael Lee, MD, Director Electrical Trauma Research Program, University of Chicago	2003
David Patratis, President, Schneider Electric USA	2004
David Wallis, Director, Electrical, Electronics and Mechanical Engineering Safety, OSHA	2004
Gus Zeller, President, Powell Electrical Manufacturing Co.	2004
David Wallis, Director, Electrical, Electronics and Mechanical Engineering Safety, OSHA	2005

Ray and Jane Jones, Electrical Safety Consulting Services Inc.	2006
Michael Callanan, Executive Director, National Joint Apprenticeship and Joint Training Program	2007
Mary Capelli-Schellpfeffer, MD, Principal Investigator, CapSchell Inc	2007
Paul & Lorraine Hebert	2007
Mark Earley, Vice President, National Fire Protection Association	2007
James Shannon, CEO, National Fire Protection Association	2008
Michael Morse, PhD, University of San Diego	2008
Kenneth Mastrullo, Safety & Health Specialist, OSHA	2008
Palmer Hickman, Director, National Joint Apprenticeship and Joint Training Program	2008
Dr. Ted Vandervis, President & CEO, Electrical & Utilites Safety Association	2009
Bruce McClung, Life Fellow IEEE	2009
Jeff "Odie" Odenship, Target Leadership	2010
Mary Capelli-Schellpfeffer, MD, Principal Investigator, CapSchell Inc	2010
Dr. Joel Fish MD, MSc, FRCS(C), Chief Medical Officer of St. John's Rehab Hospital	2011
Darryl Hill, CSP, PhD, Vice President Safety & Health for ABB Inc, President of the American Society of Safety Engineers	2012
Ken Mastrullo, OSHA	2012
Laura Fiffick, National Safety Council Robert W. Campbell Institute	2013
Gregg Slintak, Consolidated Edison Electric	2014
David Wallis, Director, Electrical, Electronics and Mechanical Engineering Safety, OSHA (retired)	2015
Deborah Grubbe, former VP Safety BP, former director Safety DuPont	2017