



2016 EFCOG Electrical Safety Workshop at Fermi National Accelerator Laboratory

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All events are at Wilson Hall (the high-rise) unless otherwise noted. Working Group meeting rooms have been reserved, but will be assigned based on number of participants in each Working Group.

With the exception of EFCOG ESG personnel, all presenters and organizations identified are **preliminary** and are listed to offer examples of typical programming and provide schedule structure only.

Monday, July 18 *One West*

8:00 a.m. Badging, informal gathering, and greetings, *Wilson Hall Atrium*
9:00 a.m. EFCOG Welcome – Heath Garrison, 2016 EFCOG ESG Chair *One West Auditorium*
9:15 a.m. FNAL Welcome – Nigel Lockyer, FNAL Lab Director
9:30 a.m. Facility details and Workshop Preliminaries – Dave Mertz, FNAL, 2016 Workshop Chair
9:45 a.m. Arc Flash DC Experimental Status – TBD, NREL

10:00 a.m. Morning Break

10:15 a.m. Overview of Plenary Talks – Richard Waters, 2016 EFCOG ESG Vice-Chair
10:30 a.m. Lithium Ion battery hazards and controls – Lloyd Gordon, LANL
11:00 a.m. IEEE 1584 Update – Lloyd Gordon

11:30 a.m. Lunch at local restaurants or Lab cafeteria

1:00 p.m. NFPA 79: Picking up where the NEC leaves off – James Stallcup,

3:00 p.m. Afternoon Break

3:20 p.m. Outlook from DOE – TBD, DOE HQ
3:40 p.m. Employer and Employee Electrical Safety Expectations? – IBEW?
4:00 p.m. Office of Enforcement: Data and Trends – TBD DOE OEA
4:15 p.m. Electrical Incidents since 2015 ESW – Heath Garrison, NREL
5:00 p.m. Day's End/Closing

Tuesday Morning, July 19 *One West*

8:00 a.m. Risk Management and 70E – TBD
8:30 a.m. Legacy Equipment Assessment? – TBD, SLAC
8:55 a.m. Working Group Status from last year: Overview – Lloyd Gordon, WG Chair
9:15 a.m. DC Hazardous Energy – Gary Dreifuesrt
9:45 a.m. Compensatory Measures for AF Hazards – Greg Christensen, 2014 EFCOG ESG Chair

10:15 a.m. Morning Break

10:30 a.m. Electrical Inspection Reciprocity Program – Dave Mertz, FNAL
11:00 a.m. Hazardous Energy Control – Stephanie Collins, LBL
11:30 a.m. Introduction and Commissioning of new WG's – Lloyd Gordon, WG Chair



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Noon Lunch at local restaurants or Lab cafeteria

Tuesday Afternoon, July 19 (Informal Break at 3:00 p.m.)

1:30 p.m. Working Group 1 – DC Hazardous Energy *Room TBD*
1:30 p.m. Working Group 2 – Hazardous Energy Control *Room TBD*
1:30 p.m. Working Group 3 – Subcontractor Electrical Safety Management *Room TBD*
1:30 p.m. Working Group 4 – DOE Electrical Safety Handbook update *Room TBD*
1:30 p.m. Working Group 5 – NFPA 70E Risk Assessment *Room TBD*
5:30 p.m. Day's End/Closing (all Working Groups)

Wednesday, July 20 (Informal Breaks at 10:00 a.m. and 3:00 p.m.; lunch at Noon-1:30)

8:00 a.m. Working Group 1 – DC Hazardous Energy *Room TBD*
8:00 a.m. Working Group 2 – Hazardous Energy Control *Room TBD*
8:00 a.m. Working Group 3 – Subcontractor Electrical Safety Management *Room TBD*
8:00 a.m. Working Group 4 – DOE Electrical Safety Handbook update *Room TBD*
8:00 a.m. Working Group 5 – NFPA 70E Risk Assessment *Room TBD*
5:30 p.m. Day's End/Closing (all Working Groups)

Thursday, July 21 (Informal Break at 10:00 a.m.)

8:00 a.m. Working Group 1 – DC Hazardous Energy *Room TBD*
8:00 a.m. Working Group 2 – Hazardous Energy Control *Room TBD*
8:00 a.m. Working Group 3 – Subcontractor Electrical Safety Management *Room TBD*
8:00 a.m. Working Group 4 – DOE Electrical Safety Handbook update *Room TBD*
8:00 a.m. Working Group 5 – NFPA 70E Risk Assessment *Room TBD*

11:30 a.m. Lunch at local restaurants or Lab cafeterias

1:00 p.m. Summary Presentation – Working Group 1 *One West*
1:30 p.m. Summary Presentation – Working Group 2 *One West*
2:00 p.m. Summary Presentation – Working Group 3 *One West*

2:30 p.m. Afternoon Break

2:45 p.m. Summary Presentation – Working Group 4 *One West*
3:15 p.m. Summary Presentation – Working Group 5 *One West*
3:45 p.m. Working Group Summary – Lloyd Gordon, WG Chair, LANL
4:15 p.m. Closing Comments – Heath Garrison, 2015 EFCOG Chair
4:30 p.m. Days End/Closing



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Friday, July 22 Facility Tours and follow-up meetings

All tours meet in the Wilson Hall Atrium
Schedule and facilities toured are subject to change.
Please see the Tours page to review tour options.

The Wilson Hall atrium and second-floor gallery have areas designed to facilitate informal discussions and are available on a first-come, first-served basis. Meeting rooms are also usually available, please contact your hosts to find and reserve open rooms.

5:00 p.m. Adjournment of **ESW 2016**