

DEPARTMENT OF ENERGY
ENERGY FACILITY CONTRACTORS GROUP

YOU ARE INVITED

Fall 2024 WORKER SAFETY & HEALTH
SUBGROUP MEETING



You are invited to the Fall 2024 DOE/EFCOG Worker Safety & Health (WS&H) Subgroup Meeting to be held October 14-18, 2024, in Batavia, IL. Fermi National Accelerator Laboratory is hosting the workshop for WS&H Subgroup Community of Practice's that includes the Safety Working Group Subcontractor Task Team breakout session.

The workshop will provide a forum for identifying best practices and procedures to improve worker safety practices within the DOE complex. We encourage safety professionals whose rubrics are represented to join us for this exciting workshop.

October 9, 2024,



FERMILab Security Operations 1-630-840-3131
or from a lab phone 3131

Fall 2024 WSH SUBGROUP MEETING AGENDA

JOIN US: OCTOBER 14-18, 2024!
FERMI NATIONAL ACCELERATOR LABORATORY

CONTACTS:

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GENERAL INFORMATION LINKS:

Meeting information <https://efcog.regfox.com/worker-safety-health-meeting-fall-2024>

General information about Fermilab <https://www.fnal.gov/>

Preferred Hotels information attached.

Map information for Fermilab ([map](#))

SPEAKERS

Hazardous Area Classification and Tank Waste Management at the Hanford Site

Description: This presentation will provide an overview of recent challenges at the Hanford site associated with hazardous area classification and tank waste management. A brief overview of requirement integration between 10 CFR 830 and 10 CFR 851 will be discussed to provide attendees insight into the complexity and importance of how hazardous area location programs support the establishment of a workplace free of recognized hazards associated with hydrogen generation from tank waste.

James Oakes - serves as an Electrical Engineer/Safety System Oversight Specialist for the U.S. Department of Energy – Hanford Field Office. In this capacity, James performs oversight of contractor activities related to electrical and instrumentation and control engineering, including oversight of the Hanford Site Electrical Safety and Lockout/Tagout programs. Prior to his current position with DOE, James worked for the Department of Defense at Puget Sound Naval Shipyard and Norfolk Naval Shipyard as a Nuclear Engineer (Electrical). During this time James worked as a cognizant technical engineer for reactor rod control systems on various classes of naval nuclear vessels. James holds a Bachelor of Science in Electrical Engineering from Eastern Washington University.

System Safety for R&D

Description: System safety is a structured approach to risk screening, risk analysis, hazard analysis and failure analysis. System Safety fits into the gap between the highly regulated space of OSHA Process Safety Management or Haz-Cat/Accelerator facilities and routine hazard analysis. The talk will discuss ORNL and PNNL's System Safety Programs that incorporate well-established process safety techniques taken from other industries (chemical processing, petrochemical, aerospace, military, etc.) and adapts them to the research and development environment.

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David Rohrig - A 27+ year career includes a diverse set of roles and projects. He is currently the Engineering Programs Group Leader at Oak Ridge National Laboratory. In this role he oversees several safety and engineering programs that include pressure, ventilation, system safety, welding, configuration management and engineering design. He served in a similar role at Pacific Northwest National Laboratory where he also spent time as a facility design engineer and a pressure safety SME. He also served on PNNL's Process Safety Board where he was involved in evaluating projects with higher risks and helped implement appropriate controls. Prior to his 12+ years in the laboratory system he was the Chief Engineer for a small A&E firm where he was involved in projects that ranged from 787 landing gear actuation mechanisms to NQA-1 pressure vessels in waste processing system to a milking parlor for a dairy in Pasco, Washington. He started his career at Boeing in Seattle where he designed wind tunnel models and transducers to measure aerodynamic loads. He holds a bachelor's in mechanical engineering from the University of Idaho and a master's in engineering management from Washington State University.

Subcontractor Oversight.... Insanity Panel Discussion

Description: Doing something repeatedly and expecting different results: Definition of Insanity. Join us for an open discussion regarding requirements of, challenges with, and opportunities ahead for subcontractor oversight. We will discuss what is going well, what isn't working, and what can we do to better protect our subcontracted workers.

Scot Winningham - is the Electrical and Chemical Operations (ECO) Group Leader at Oak Ridge National Laboratory (ORNL). He started this role in November 2022, after being ORNL's Electrical Authority Having Jurisdiction. Scot joined ORNL in 2010, and has performed the roles of Systems Engineer, Electrical Safety SME, Lock/Tag/Verify SME, and System Safety SME. Scot has a BS in Electrical Engineer from Tennessee Tech University and a MS in Industrial Engineering from the University of Tennessee. Scot is a registered Professional Engineer in Tennessee. In 2023, Scot co-led a team that developed and implemented a Battelle-wide Hazardous Energy Control Workshop, which was recognized by receiving the ORNL Director's Award for Operational Accomplishment during ORNL's Annal Awards Night.

Jeff Ullian - is the Division Director for Safety and Operations Services in the ESH&Q Directorate at ORNL. In this role, Jeff is the Management System Owner for Worker Safety and Health, as well as Work Project, Planning, and Control. Additionally, Jeff's division includes staff deployed across the laboratory as safety professionals, electrical safety officers, and research operations support professionals. Prior to his current role, Jeff served as the ESH&Q Operations Director, providing operational leadership in support of directorate objectives. He led several efforts dedicated to continuous improvement in operational performance. As the previous leader of ORNL's Office of Technical Training, Jeff conceived and executed a strategic vision of continuous improvement that significantly increased the quality and effectiveness of ORNL's training products and services. Jeff is a Certified Safety Professional (CSP) who holds a Bachelor of Science degree in biology and a Master of Science degree in training and development. He has developed broad knowledge and experience in the ESH&Q field during his 28-year career within US Department of Energy national laboratories, beginning with 21 years at Argonne National Laboratory followed by seven years at ORNL.

Our Journey and Development with Human and Organizational Performance (HOP)

Description: How we are integrating human performance improvement into our ES&H strategy.

Ben Close - is an Environment, Safety and Health Coordinator at Sandia National Laboratories. Ben has over 14 years of varying roles within environment, safety, and health. Ben has spent a majority of his career in active pharmaceutical ingredient manufacturing. Ben has also worked in technology, oil & gas, and most recently craft brewing prior to supporting the Microsystems and Engineering Sciences

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Applications (MESA) semiconductor fabrication units at Sandia. Ben has substantial experience with Process Safety Management (PSM), industrial hygiene, environmental compliance, and management systems. Throughout his career, Ben has worked in multiple different sites helping build their cultures and integrating ES&H within various disciplines. Besides his day job, Ben supports Sandia as a HPI 100 Instructor (Fundamentals of Human Performance), leading learning teams, and participating in active monitoring integration as part of Sandia's safety culture evolution.

Monday, October 14 Plenary Session

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| 7:00 – 8:00 | Registration / Check-In | |
| 8:00 – 8:30 | Welcome to Fermilab Virtual access links provided below. | <i>David Mertz – Officer at Large (Host) Marc Clay - Senior Director, ES&H</i> |
| 8:30 – 9:15 | Safety Working Group (SWG) Subcontractor Safety Task Team (SSTT) | <i>Michael Romero/Duane McLane</i> |
| 9:15 – 10:00 | Our Journey and Development with Human and Organizational Performance (HOP) | <i>Ben Close</i> |
| 10:00 – 10:15 | Morning Break | |
| 10:15 – 11:00 | Subcontractor Oversight... Insanity Panel Discussion | <i>Scot Winningham & Jeff Ullian</i> |
| 11:00 – 11:45 | Hazardous Area Classification and Tank Waste Management at the Hanford Site | <i>James Oakes</i> |
| 11:45 - 12:45 | Lunch | |
| 12:45 – 1:00 | The EFCOG Mission | <i>Kevin Dressman - DOE EHSS-10</i> |
| 1:00 – 1:45 | System Safety for R&D | <i>David Rohrig</i> |
| 1:45 -2:00 | Break | |
| 2:00 – 4:00 | Introduction to breakout group agenda's | <i>IH & Chemical Management CoP Electrical Safety CoP Radiation Protection CoP Designated Psychologist CoP Safety Subcontractor Task Team</i> |
| 4:00 – 4:30 | Closeout Comments | <i>David Mertz & Jennifer Martin</i> |

Fall 2024 WSH SUBGROUP MEETING AGENDA

Tuesday, October 15

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| 8:00 – 12:30 | Morning CoP Workshop | <i>IH & Chemical Management CoP Electrical Safety CoP Radiation Protection CoP Designated Psychologist CoP Safety Subcontractor Task Team</i> |
| 12:30 – 13:30 | Lunch | |
| 13:30 – 16:30 | Afternoon CoP Workshops | |
| 8:00 – 4:30 | Subcontractor Safety Task Team | |

6:00 PM – **Networking Event** – Acquaviva Winery & Ristaurante 1900 Mill Street Batavia, IL 60510

Wednesday, October 16

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|---------------|--------------------------------|---|
| 8:00 – 12:30 | Morning CoP Workshops | <i>IH & Chemical Management CoP Electrical Safety CoP Radiation Protection CoP Designated Psychologist CoP Safety Subcontractor Task Team</i> |
| 12:30 – 13:30 | Lunch | |
| 13:30 – 16:30 | Afternoon CoP Workshops | |
| 8:00 – 4:30 | Subcontractor Safety Task Team | |

Thursday, October 17

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| 8:00 – 12:30 | Morning CoP Wrap-up | <i>IH & Chemical Management CoP Electrical Safety CoP Radiation Protection CoP Designated Psychologist CoP Safety Subcontractor Task Team</i> |
| 12:30 – 13:30 | Lunch | |
| 1:00 – 4:30 | WS&H Fall Workshop Closing Session Virtual access links provided below. | |

6:00 PM – **Social Event** – Two Brothers Roundhouse Indoor/Outdoor [205 N Broadway, Aurora, IL 60505](#)

Friday, October 18

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|----------------------------------|---|---|
| 8:00 – 10:00 <i>Session A</i> | Each session is limited to 20 attendees | <i>Meet at Wilson Hall An overview of Fermilab Site & Facilities, experience the Accelerator Main Control Room, short bus ride to view the Short Baseline</i> |
| 8:30 – 10:30 | | |

Fall 2024 WSH SUBGROUP MEETING AGENDA

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| <i>Session B</i> | <i>Neutrino Experiment near Detector's Liquid Argon Time Projection Chamber.</i> |
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Monday 10/14 Plenary Session – Virtual Attendance Access

Join Zoom Meeting

<https://fnal.zoom.us/j/94942078841?pwd=tPdpaSRN7gaf8YEK2EnPOBVfnr9wry.1>

Meeting ID: 949 4207 8841

Passcode: 395994

One tap mobile

+13126266799,,94942078841#,,,,*395994# US (Chicago)

+13092053325,,94942078841#,,,,*395994# US

Thursday 10/17 Closing Session – Virtual Attendance Access

Join Zoom Meeting

<https://fnal.zoom.us/j/95168082977?pwd=efS4AL1bPiRTHCIVvmo2EC3lF518wZ.1>

Meeting ID: 951 6808 2977

Passcode: 135127

One tap mobile

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+13092053325,,95168082977#,,,,*135127# US